Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	l URL	Water Optimization/Drought Strategies	Soil Science/ Conservation	Pest Management	Crop Production Services	Crop Nutrient Principles	Weed Control	Crop Disease	Sales Techniques
Agronomy	Corn College	Albert Lea	No	Non-Credit	3 days	Certificate	Yes	Partially	https://www.agweb.com/events/ farm-journal-corn-college minnesota/				Yes				
Agriculture Production	sota West Community & Technical	Worthington	No	72 credits	2 years	Associates Degree	No	No	http://www.mnwest.edu/progra ms-courses/list/agriculture- production-aas								
Agronomy Technology	Ridgewater College	Willmar	No	72 credits	2 years	Diploma	No	No	https://www.ridgewater.edu/aca demics/areas-of- study/agriculture-veterinary-								
Agronomy	Southwest State University	Marshall	No	120 credits	4 years	Bachelors Degree	No	No	http://www.smsu.edu/catalog/in dex.html?program=48								
Plant Science	University of Minnesota	St. Paul	No	120 credits	4 years	Bachelors Degree	No	No	https://www.cfans.umn.edu/aca demics/majors-minors/plant- science								
Agronomy	University of Minnesota Crookstor	Crookston	No	120 credits	4 years	Bachelors Degree	No	No	https://www.crk.umn.edu/acade mics/agriculture-and-natural- resources-department/agronomy								
Agronomy	MN Extension Field School for Ag	St. Paul	No	12 credits	2 days	Certificate	Yes	Partially	https://www.cfans.umn.edu/new s/events/extension-institute-ag- professionals-field-school			Yes			Yes		
Agriculture Science & Technology	Ridgewater College	Willmar	No	60 credits	2 years	Associates Degree	No	No	http://legacy.ridgewater.edu/Cre dentials/index.cfm?Credential_ID =2548								
Agriculture Science	Central Lakes College	Brainerd/ Staples	No	60 credits	2 years	Associates Degree	No	No	http://www.clcmn.edu/agricultur al-science-a-s-degree/								
Agribusiness AgSpark Agronomy	South Central College	Mankato	No	14 credits	Less than 1 year	Certificate	No	No	http://ecatalog.southcentral.edu/ CERT3134.php								
Agribusiness	Riverland Community College	Austin	No	19 credits	Less than 1 year	Certificate	No	No	https://www.riverland.edu/index .cfm/academics/programs/agribu siness-cert/description/								
Advanced General Agriculture	Northland Community College	Thief River Falls	No	30 credits	1-2 years	Certificate	No	No	http://www.northlandcollege.edu/programs/general_agriculture/program_detail.php?program_cod								

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Chemical properties of fertilizers and pesticides	Proficiency with water runoff properties	Weed Control	Weather Patterns
Precision Agriculture Application Technician Certificate	West Community & Techr	Worthington	No	26 Credits	1 year	Certificate	No	No	http://www.mnwest.ed u/programs- courses/list/precision-				
Agronomy Technology Diploma	Ridgewater College	Willmar	No	72 Credits	3-4 years	Diploma	No	No	http://legacy.ridgewater .edu/Credentials/index.c fm?Credential ID=2435				
Ag Chemical Applicator Technician Certificate	South Central College	Mankato	No	30 credits	1-2 years	Certificate	No		http://ecatalog.southce ntral.edu/CERT3117.php				
Agribusiness Ag Spark Agronomy Certificate	South Central College	Mankato	No	14 credits	Up to 1 year	Certificate	No		http://ecatalog.southce ntral.edu/CERT3134.php				

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Employee Management/Training	Animal Genetics	Herdsman Skills	Animal Science	Animal Quarters	Animal Husbandry	Marketing
Zoology	Minnesota State University Mankato	Mankato	No	120 credits	4 years	Bachelors Degree	No	No	http://cset.mnsu.edu/biology/programs/ugrad/zoology.html							
Swine Manager	South Central College	Mankato	No	18 credits	1 year	Certificate	No	No	http://ecatalog.southcentral.edu/CERT3100.ph							
Animal Science	University of Minnesota	Minneapolis	No	120 credits	4 years	Bachelors Degree	No	No	https://www.ansci.umn.edu/undergraduate- program/prospective-students							
Animal Science	University of Minnesota Crookston	Crookston	No	120 credits	4 years	Bachelors Degree	No	No	https://www.crk.umn.edu/academics/agricult ure-and-natural-resources-department/animal- science							
Animal Science	Northland Community & Technical College	Thief River Falls	No	60 credits	2 years	Associates Degree	No	No	http://www.northlandcollege.edu/programs/a nimal_science/program_detail.php?program_c ode=257							
Sowbridge	University of Minnesota Extension	Statewide	Online	Non-credit	1 year	Certificate of Completion	No	No	https://extension.umn.edu/courses/sowbridge							
PorkBridge	University of Minnesota Extension	Statewide	Online	Non-credit	1 year	Certificate of Completion	No	No	https://extension.umn.edu/courses/porkbridg							
Pork Quality Assurance Plus	University of Minnesota Extension	Statewide	No	3 hour in person training	3 hour course	Certificate	No	No	https://extension.umn.edu/courses/pork- quality-assurance-plus-pga							
Transport Quality Assurance	University of Minnesota Extension	Statewide	No	3 hour in person training	3 hour course	Certificate	No	No	https://extension.umn.edu/courses/transport- quality-assurance-tqa							
Farm Operation and Management	Ridgewater College	Willmar	No	72 credits	2 years	Associates Degree	No	No	http://legacy.ridgewater.edu/Credentials/inde x.cfm?Credential_ID=2443_							
Farm Operation and Management	Ridgewater College	Willmar	No	72 credits	2years	Diploma	No	No	http://legacy.ridgewater.edu/Credentials/inde x.cfm?Credential_ID=2442							
Dairy Management	Ridgewater College	Willmar	No	72 credits	2years	Associates Degree	No	No	http://legacy.ridgewater.edu/Credentials/inde x.cfm?Credential_ID=2440_							
Dairy Management	Ridgewater College	Willmar	No	72 credits	2 years	Diploma	No	No	http://legacy.ridgewater.edu/Credentials/inde x.cfm?Credential_ID=2441_							
Lamb and Wool Management	Minnesota West Community & Technical College	Pipestone	No	30 credits	1 year	Certificate	No	No	https://www.mnwest.edu/programs- courses/list/lamb-and-wool-management- diploma							
Agriculture Production Management	Minnesota West Community & Technical College	Worthington	No	60 credits	2 years	Associates Degree	No	No	https://www.mnwest.edu/programs- courses/list/agriculture-production- management-as							
Agriculture Production	Minnesota West Community & Technical College	Worthington	No	64 credits	2 years	Diploma	No	No	https://www.mnwest.edu/programs-courses/li	t/agriculture-production-	diploma_					
Agriculture Production	Minnesota West Community & Technical College	Worthington	No	72 credits	2 years	Associates Degree	No	No	https://www.mnwest.edu/programs- courses/list/agriculture-production-aas							
Agribusiness Production	South Central College	Mankato	No	72 credits	2 years	Associates Degree	No	No	http://ecatalog.southcentral.edu/AAS%203152 .php							
Agribusiness Production	South Central College	Mankato	No	72 credits	2 years	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203153 .php							
Agribusiness	Riverland College	Austin	No	19-20 credits	1 year	Certificate	No	No	https://www.riverland.edu/academics/progra ms/agribusiness-cert/course-list/							
Agriculture Business	Minnesota West Community & Technical College	Worthington	No	60 credits	2 years	Associates Degree	No	No	https://www.mnwest.edu/programs- courses/list/agriculture-business-as							
Agriculture Business	Ridgewater College	Willmar	No	72 credits	2years	Associates Degree	No	No	http://legacy.ridgewater.edu/Credentials/inde x.cfm?Credential_ID=2422							
Agriculture Business	Ridgewater College	Willmar	No	72 credits	2 years	Associates Degree	No	No	http://legacy.ridgewater.edu/Credentials/inde x.cfm?Credential_ID=2437_							
Agricultural Science	Central Lakes College	Brainerd	No	60 credits	2 years	Associates	No	No	http://www.clcmn.edu/agricultural-science-a-s	degree/#1506450587743	-111f9b93-f9a2a5	c3-e10f31d5-30e	77eb7-c73c			

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatin ginDTG	Competencies Mapped	URL	Grain Marketing	Basic Accounting	Purchasing	Hedging	Crop Production Services	Facilities management	Sales techniques	Logistics	Transportation
Agribusiness Service and Management	South Central College	Mankato	No	72 credits	2 years	Associates	No	No	http://ecatalog.southcentral.edu/AAS%203150.php									
Agribusiness Service and Management	South Central College	Mankato	No	72 credits	2 years	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203151.php									
Agribusiness Office Specialist/ Manager	South Central College	Mankato	No	72 credits	2 years	Associates	No	No	http://ecatalog.southcentral.edu/AAS%203126.php									
Agricultural Business	University of Minnesota	Crookston	Yes	120 credits	4 years	Bachelors	No	No	https://www.crk.umn.edu/academics/agriculture-and-natural-re	esources-depart	ment/agricultu	ral-business/on	nline					
Agribusiness Management	Southwest Minnesota State University	Marshall	No	60 credits	2 years	Associates	No	No	http://www.smsu.edu/catalog/index.html?catalogYear=76&cate	egoryld=769								
Agribusiness Management	Southwest Minnesota State University	Marshall	No	120 credits	4 years	Bachelors	No	NO	http://www.smsu.edu/catalog/index.html?catalogYear=76&cate	egoryld=769								
Agriculture Communications and Leadership	Southwest Minnesota State University	Marshall	No	120 credits	4 years	Bachelors	No	No	http://www.smsu.edu/catalog/index.html?program=440									
Agricultural Communication and Marketing	University of Minnesota	Twin Cities	No	120 credits	4 years	Bachelors	No	No	https://www.cfans.umn.edu/academics/majors-minors/ag-comm	munication-mari	keting							
Agricultural and Food Business Management	University of Minnesota	Twin Cities	No	120 credits	4 years	Bachelors	No	No	https://www.cfans.umn.edu/academics/majors-minors/ag-food-	-business								
Agricultural Commodities Marketing	Central Lakes College	Staples	No	25 credits	3 years	Certificate	No	No	http://www.clcmn.edu/ag-energy-center/farm-business-manage	ement/								
Agricultural Commodities Marketing	Northland Community and Technical College	East Grand Fo	No	25 credits	3 years	Certificate	No	No	http://www.northlandcollege.edu/programs/management/									
Agribusiness	Ridgewater College	Willmar	No	72 credits	2 years	Associates	No	No	http://legacy.ridgewater.edu/Credentials/index.cfm?Credential	ID=2422								
Agribusiness	Ridgewater College	Willmar	No	72 credits	2 years	Diploma	No	No	http://legacy.ridgewater.edu/Credentials/index.cfm?Credential	ID=2437								
Agricultural Commodities Marketing	Riverland College	Austin	No	25 credits	3 years	Certificate	No	No	https://www.riverland.edu/academics/programs/agricultural-co	ommodities-mar	keting-cert/de:	cription/						
Agriculture Production	Minnesota West Technical & Community College	Worthington	No	64 credits	2 years	Diploma	No	No	https://www.mnwest.edu/programs-courses/list/agriculture-programs-courses/	oduction-diplom	ia_							
Agriculture Production	Minnesota West Technical & Community College	Worthington	No	60 credits	2 years	Associates	No	No	https://www.mnwest.edu/programs-courses/list/agriculture-programs-courses/	oduction-manag	ement-as							
Agriculture Business	Minnesota West Technical & Community College	Worthington	No	60 credits	2 years	Associates	No	No	https://www.mnwest.edu/programs-courses/list/agriculture-bu	siness-as								
Agriculture Business and Marketing	Minnesota West Technical & Community College	Worthington	No	72 credits	2 years	Associates	No	No	https://www.mnwest.edu/programs-courses/list/agriculture-bu	siness-managen	nent-and-mark	eting-aas_						

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Engines Transmissions Exhaust Systems	Electrical Fuel Radiator Cooling	Clutches, Drive Shaft, Differential Rear Axel	Hand Tools, Hydraulic Lifts, Hoists	Steering, Brakes and Body Suspension	Manuals, Blueprints and Schematics
Heavy Duty Truck Technology	Dakota County Technical College	Rosemount	No	64 credits	2 years	Diploma	No	No	https://www.dctc.edu/academics/programs- majors/transportation/heavy-duty-truck-technology/						
Heavy Duty Truck Technology	Dakota County Technical College	Rosemount	No	72 credits	2 years	Associates Degree	No	No	https://www.dctc.edu/academics/programs- majors/transportation/heavy-duty-truck-technology/						
Medium/Heavy Truck Technology	Hennepin Technical College	Brooklyn Park	No	79 credits	2 years	Associates Degree	No	No	http://hennepintech.smartcatalogiq.com/en/2018- 2019/Catalog/Degrees-and- Programs/Transportation/Medium-Heavy-Truck-						
Diesel Equipment Technology	Minnesota State Community & Technical College	Moorhead	No	65 credits	2 years	Diploma	No	No	https://www.minnesota.edu/programs/diesel- equipment-technology/#/						
Diesel Equipment Technology	Minnesota State Community & Technical College	Moorhead	No	79 credits	2 years	Associates Degree	No	No	https://www.minnesota.edu/programs/diesel- equipment-technology/#/						
Diesel Technology	Riverland Community College	Albert Lea	No	69 credits	2 years	Diploma	No	No	https://www.riverland.edu//index.cfm/academics/pr ograms/diesel-technology-dip/description/						
Medium/Heavy Truck Technician	St. Cloud Technical and Community College	St. Cloud	No	72 credits	6 semesters	Associates Degree	No	No	https://www.sctcc.edu/program_outcomes/000176						
Agribusiness Service Technician	South Central College	Mankato	No	72 credits	2 years	Diploma	Yes	No	http://ecatalog.southcentral.edu/DIP%203128.php						
Agribusiness Service Technician - Applied Science	South Central College	Mankato	No	72 credits	2 years	Associates Degree	No	No	http://ecatalog.southcentral.edu/AAS%203127.php						
Agriculture Power and Equipment Technician	Ridgewater College	Willmar	No	72 credits	2 years	Diploma	No	No	https://ridgewater.edu/academics/areas-of- study/agriculture-veterinary-technology/agricultural- power-and-equipment-technician/						
Precision Agriculture Equipment Technician	Northland Community and Technical College	Thief River Falls	No	60 credits	2 years	Associates Degree	No	No	http://www.northlandcollege.edu/programs/carpent ry/program_detail.php?program_code=270						
Diesel Mechanics	Minnesota West Community & Technical College	Canby	No	35 credits	1-2 years	Diploma	No	No	http://www.mnwest.edu/programs- courses/list/diesel-mechanics-ag-a-truck-diploma						
Diesel and Heavy Equipment Technician	Central Lakes College	Brainerd/ Staples	No	47 credits	1-2 years	Diploma	No	No	http://www.clcmn.edu/diesel-and-heavy-equipment- technician-diploma-2/						
Diesel and Heavy Equipment Technology	Central Lakes College	Brainerd/ Staples	No	67 credits	2 years	Associates Degree	No	No	http://www.clcmn.edu/diesel-and-heavy-equipment- technology-a-a-s-degree-2/						
Diesel Mechanics	Hibbing Community College	Hibbing	No	65 credits	2 years	Diploma	No	No	http://hibbing.edu/academics/areas-of-study/trade- and-industry/diesel-mechanics-diploma						
Diesel Mechanics	Hibbing Community College	Hibbing	No	72 credits	2 years	Associates Degree	No	No	http://hibbing.edu/academics/areas-of-study/trade- and-industry/diesel-mechanics-a.a.sdegree						
Diesel Mechanics	Alexandria Technical College	Alexandria	No	66 credits	2 years	Diploma	No	No	https://www.alextech.edu/programs/diesel- mechanics						
Diesel Mechanics	Alexandria Technical College	Alexandria	No	75 credits	2 years	Associates Degree	No	No	https://www.alextech.edu/programs/diesel- mechanics						

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Food Processing Microbiology	Training/ Adult Learning	Documentation	Critical Thinking Theories	Food Safety/Bio Security	Food Science/R&D	Quality Management	Root Cause Analysis	Management Principles	Food Law
Food Science	Minnesota West Community & Technical College	Worthington	No	60 credits	2 years	Associates Degree	No	No	http://www.mnwest.edu/progra ms-courses/list/food-science-as										
Food Science	Normandale Community College	Bloomington	No	60 credits	2 years	Associates Degree	No	No	http://www.normandale.edu/ca talog/programs-of- study/associate-of-science/food-										
Food Science	Riverland Community College	Albert Lea	Yes	16 credits	Less than or up to 1 year	Certificate	No	No	https://www.riverland.edu/acad emics/programs/food-science- cert/description/										
Food Science	Riverland Community College	Austin	Yes	16 credits	Less than or up to 1 year	Certificate	No	No	https://www.riverland.edu/acad emics/programs/food-science- cert/description/										
Food Science	Riverland Community College	Owatonna	Yes	16 credits	Less than or up to 1 year	Certificate	No	No	https://www.riverland.edu/acad emics/programs/food-science- cert/description/										
Food Science Concentration	Riverland Community College	Austin	No	60 credits	2 years	Associates Degree	No	No	https://www.riverland.edu/acad emics/programs/food-science- concentration-aa/http-riverland-										
Food Science Technology	Riverland Community College	Albert Lea	Yes	60 credits	2 years	Associates Degree	Yes	Partially	https://www.riverland.edu//ind ex.cfm/academics/programs/fo od-science-technology-										
Food Science Technology	Riverland Community College	Austin	Yes	60 credits	2 years	Associates Degree	Yes	Partially	https://www.riverland.edu/inde x.cfm/academics/programs/foo d-science-technology-										
Food Science Technology	Riverland Community College	Owatonna	Yes	60 credits	2 years	Associates Degree	Yes	Partially	https://www.riverland.edu/inde x.cfm/academics/programs/foo d-science-technology-										
Food Science	University of Minnesota	Minneapolis	No	120 credits	4 years	Bachelors Degree	No	No	https://onestop2.umn.edu/pcas /viewCatalogProgram.do?progra mID=271&strm=1153&campus=										
Food Science Technology	Minnesota State University Mankato	Mankato	No	120 credits	4 years	Bachelors Degree	No	No	http://cset.mnsu.edu/biology/p rograms/ugrad/foodscience.htm I										
Quality Management Systems	Minnesota State University	Mankato	No	15 credits	Less than or up to 1 year	Graduate Certificate	No	No	https://www.mnsu.edu/geprogr ams/quality_management_syst ems_gc.html										

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Employee/ Contractor Performance Management Training/	Herd Tracking	Herd Management	Animal Movement Production	Employee/Contractor Training	Employee/Contractor Performance Management	Feed Maintenance
Zoology	Minnesota State University Mankato	Mankato	No	120 credits	4 years	Bachelors Degree	No	No	http://cset.mnsu.edu/biology/programs/ugrad/zoology html							
Animal Science	University of Minnesota	Minneapolis	No	120 credits	4 years	Bachelors Degree	No	No	https://www.ansci.umn.edu/undergraduate- program/prospective-students							
Animal Science	University of Minnesota Crookston	Crookston	No	120 credits	4 years	Bachelors Degree	No	No	https://www.crk.umn.edu/academics/agriculture-and- natural-resources-department/animal-science							
Animal Science	Northland Community & Technical College	Thief River Falls	No	60 credits	2 years	Associates Degree	No	No	http://www.northlandcollege.edu/programs/animal_sci ence/program_detail.php?program_code=257							
Swine Manager	South Central College	Mankato	No	18 credits	1 year	Certificate	No	No	http://ecatalog.southcentral.edu/CERT3100.php							
Pork Quality Assurance Plus	University of Minnesota Extension	Statewide	No	Non-credit	3 hour in person training	Certificate	No	No	https://extension.umn.edu/courses/pork-quality- assurance-plus-pga							
Transport Quality Assurance	University of Minnesota Extension	Statewide	No	Non-credit	3 hour in person training	Certificate	No	No	https://extension.umn.edu/courses/transport-quality- assurance-tqa							
PorkBridge	University of Minnesota Extension	Statewide	Online	Non-credit	1 year	Certificate of Completion	No	No	https://extension.umn.edu/courses/porkbridge							

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Employee/ Contractor Performance Management Training/	Herd Tracking	Herd Management	Animal Movement Production	Employee/Contractor Training	Employee/Contractor Performance Management	Feed Maintenance
Zoology	Minnesota State University Mankato	Mankato	No	120 credits	4 years	Bachelors Degree	No	No	http://cset.mnsu.edu/biology/programs/ugrad/zoology.html							
Animal Science	University of Minnesota	Minneapolis	No	120 credits	4 years	Bachelors Degree	No	No	https://www.ansci.umn.edu/undergraduate- program/prospective-students							
Animal Science	University of Minnesota Crookston	Crookston	No	120 credits	4 years	Bachelors Degree	No	No	https://www.crk.umn.edu/academics/agriculture- and-natural-resources-department/animal-science							
Animal Science	Northland Community & Technical College	Thief River Falls	No	60 credits	2 years	Associates Degree	No	No	http://www.northlandcollege.edu/programs/anim al science/program detail.php?program code=25 7							
Swine Manager	South Central College	Mankato	No	18 credits	1 year	Certificate	No	No	http://ecatalog.southcentral.edu/CERT3100.php							
Pork Quality Assurance Plus	University of Minnesota Extension	Statewide	No	3 hour in person training	3 hour course	Certificate	No	No	https://extension.umn.edu/courses/pork-quality- assurance-plus-pqa							
Transport Quality Assurance	University of Minnesota Extension	Statewide	No	3 hour in person training	3 hour course	Certificate	No	No	https://extension.umn.edu/courses/transport- guality-assurance-tga							
Sowbridge	University of Minnesota Extension	Statewide	Online	Non-credit	1 year	Certificate of Completion	No	No	https://extension.umn.edu/courses/sowbridge							

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatingin DTG	CompetenciesMapped	URL	Communication	Health and disease	Transcultural care	Dignostic Procedures	Health, Safety, Promotion	Gathering, documenting patient data	Crisis prevention and conflict resolution	Practice ethical responsibility	Patient and family- centered care	Medication	Cross-check other care team members	Infection control
Nursing Assistant & Home Health Aide	Alexandria Technical College	Alexandria	No	3 Credits	84 Hours	Certificate	No	No	https://www.alextech.edu/customized-training/nursing- assistant-home-health-aide												
Nursing Assistant	Century College	White Bear Lake	No	4 Credits	1 Semester	Certificate	No	No	https://www.century.edu/programs/nursing-assistant												
Nursing Assistant	Dakota County Technical College	Rosemount	No	5 Credits	1 Semester	Certificate	No	No	https://www.dctc.edu/academics/programs- majors/health-education/nursing-assistant/												
Nursing Assistant & Home Health Aide	Fond du Lac Tribal and Community College	Cloquet	No	4 Credits	1 Semester	Certificate	No	No	https://fdltcc.edu/academics/degree-and-certificate- programs/certificate-programs/home-health-ald/												
Nursing Assistant	Hibbing Community College	Hibbing	No	4 Credits	1 Semester	Certificate	No	No	https://hibbing.edu/academics/areas-of-study/medical- /-dental/nursing-assistant												
Nursing Assistant	Inver Hills Community College	Inver Grove Heights	No	5 Credits	1 Semester	Certificate	No	No	https://www.inverhills.edu/DegreesAndPrograms/Nursing/index.aspx												
Nursing Assistant	Itasca Community College	Grand Rapids	No	3 Credits	1 Semester	Certificate	No	No	https://www.itascacc.edu/nursing												
Nursing Assistant	Lake Superior College	Duluth	No	3 Credits	1 Semester	Certificate	No	No	https://degrees.lsc.edu/wp-content/uploads/Nursing- Assistant.pdf												
Nursing Assistant & Home Health Aide	Lake Superior College	Duluth	No	4 Credits	1 Semester	Certificate	No	No	https://degrees.lsc.edu/wp-content/uploads/Nursing- Assistant-Home-Health-Aide.pdf												
Nursing Assistant	Minnesota West Community & Technical College	Canby, Granite Falls, Jackson, Pipestone & Worthington	No	3 Credits	1 Semester	Certificate	No	No	https://www.mnwest.edu/faculty-webpages/nursing- assistant												
Nursing Assistant	Normandale Community College	Bloomington	No	4 Credits	1 Semester	Certificate	No	No	http://www.normandale.edu/catalog/programs-of- study/certificate-programs/nursing-assistant-certificate- 4-credits												
Nursing Assistant	Northwest Technical College	Bemidji	No	4 Credits	1 Semester	Certificate	No	No	https://www.ntcmn.edu/career-paths/health- care/nursing/admission-to-nursing/certificate-nursing- assistant/												
Nursing Assistant	Northland Community & Technical College	Thief River Falls	No	3 Credits	1 Semester	Certificate	No	No	http://www.northlandcollege.edu/programs/nursing/program detail.php?program code=700												
Nursing Assistant	Pine Technical & Community College	Pine City	No	Credits	1 Semester	Certificate	No	No	http://pine.edu/programs/health-science-and- nursing/nursing-assistant/												
Nursing Assistant & Home				4					https://www.rainyriver.edu/academics/programs/nursi												
Health Aide	Rainy River Community College	International Falls	No	Credits	1 Semester	Certificate	No	No	ng-assistant-home-health-aide												
Nursing Assistant	Ridgewater College	Hutchinson & Wilmar	No	4 Credits	5 Weeks	Certificate	No	No	https://ridgewater.edu/academics/areas-of- study/health-care/nursing-assistant-program/												
							T														
Nursing Assistant & Home		Albert Lea, Austin, &		4					https://www.riverland.edu/academics/programs/nursi												
Health Aide	Riverland Community College	Owatonna	No	Credits	6 Weeks	Certificate	No	No	ng-assistant-home-health-aide-cert/description/												
Nursing Assistant & Home				5			1		http://www.anokatech.edu/ProgramsCourses/HealthSc												
Health Aide	Anoka Technical College	Anoka	No	Credits	1 Semester	Certificate	No	No	ienceTech/NursingAssistantHomeHealthAide.aspx												
Nursing Assistant & Home		Brooklyn Park &		5			1		https://www.hennepintech.edu/academic- programs/health-services/nursing-assistant-home-												
Health Aide	Hennepin Technical College	Eden Prairie	No	Credits	1 Semester	Certificate	No	No	heath-aide/index.html												
Nursing Assistant & Home		1		4		1	1		https://www.mesabirange.edu/programs/practical-												
Health Aide	Mesabi Range College	Virginia	No	Credits	1 Semester	Certificate	No	No	nursing https://www.minneapolis.edu/academics/school-												
Nursing Assistant & Home				5					nursing-health-sciences-public-services/nursing-												
Health Aide	Minneapolis Community & Technical College	Minneapolis	No	Credits	1 Semester	Certificate	No	No	assistant/home-health-aide												
Nursing Assistant & Home			No	5			No	No	https://www.saintpaul.edu/programs/Pages/nursing-												
Health Aide Nursing Assistant	Saint Paul College Saint Anne of Winona	Saint Paul Winona	No Yes, partial	Credits	1 Semester	Certificate Certificate		No No	assistant-home-health-aide.aspx http://www.saintanneofwinona.org/training_center												
reursing Assistant	Sallit Allile of Willona	winona	res, partial		10 Days	cerdficate	I NO	NO	http://www.saiitaiiiieoiwiilona.org/training center												
_																					

							Participatingi					Diabetes/Asthma/		Communications,		Medical Records,		Infant, Children.			Medical					Home Care and		
Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	norg	CompetenciesMapped	URL	Advocacy/Outreach	Capacity Building, Teachine	Mental Health Customerh and	Patient Navigation	Competence, and	Ethical Implications	Documentation, Deporting	Interviewing	Women's Health	Health Promotion	Care Coordination	Terminology	Nutrition	Cultural Awareness	Insurance	Interpersonal Skills	Visiting	Team Facilitation	Wrap-Around Care
Community Health Worker Certificate	Minneapolis Community and Technical College	Minneapolis	Yes, partial	Yes	One semester	Certificate	No	No	https://www.minneapolis.edu/continuing- educationcertificate-programs/community-health- motor-certificate																			
Community Health Worker Certificate	Normandale Community College	Bloomington	Yes, partial	Yes	One semester	Certificate	No	No	http://www.normandale.edu/catalog/programs-of- shudy/cattificate-programs/community-health-worker- normates16-readits																			
Community Health Worker Certificate	Northwest Technical College	Bemidji	Yes, partial	Yes	One semester	Certificate	No	No	https://www.ntcmn.edu/career-paths/health- care/community-health-worker/degrees-credentials/																			
Community Health Worker Certificate	Rochester Community and Technical College	Rochester	Yes, partial	Yes	One semester	Certificate	Yes	Yes	https://www.rctc.edu/grogram/ches/																			
Community Health Worker Certificate	St. Catherine University	St. Paul	Yes, partial	Yes	One semester	Certificate	No	No	https://www.stkate.edu/academics/bachelors- degrees/academic-programs/community-health-worker- artist																			
Community Health Worker Certificate	Summit Academy	Minneapolis	No	Yes	One semester	Certificate	No	No	https://www.sapic.org/courses/community-health- sapher/																			
Community Health Worker Certificate	Minnesota West Community and Technical College	Canby	Yes, partial	Yes	One semester	Certificate	No	No	hittps://www.sapis.org/courses/community-health- sapitar/																			
Community Health Worker Certificate	Minnesota West Community and Technical College	Granite Falls	Yes, partial	Yes	One semester	Certificate	No	No	https://www.saolc.org/courses/community-health- saorker/																			
Community Health Worker Certificate	Minnesota West Community and Technical College	Jackson	Yes, partial	Yes	One semester	Certificate	No	No	https://www.saolc.org/courses/community-health- saorker/																			
Community Health Worker Certificate	Minnesota West Community and Technical College	Pipestone	Yes, partial	Yes	One semester	Certificate	No	No	https://www.saoic.org/courses/community-health- worker/																			
Community Health Worker Certificate	Minnesota West Community and Technical College	Worthington	Yes, partial	Yes	One semester	Certificate	No	No	http://www.mmwest.edu/programs- courses/list/community-health-worker-certificate																			

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Infection control and hazard management	Radiological and digital imaging procedures	Documentation	Clinical procedures	Dental pharmacology	Basic dental X-Ray	Medical ethics	Dental terminology
Dental Assistant	Century College	White Bear Lake	Yes, partial	48 Credits	4 Semesters	Diploma	No	No	http://catalog.century.edu/preview_program.php?catoid=5&poid=1028&returnto=252								
Dental Assistant	Dakota County Technical College	Rosemount	Yes, partial	40 Credits	4 Semesters	Diploma	No	No	https://www.dctc.edu/academics/programs-majors/health-education/dental-assistant/dental-assistant-diploma/								
Dental Assistant	Hennepin Technical College	Brooklyn Park & Eden Prairie	Yes, partial	49 Credits	4 Semesters	Diploma	No	No	https://www.hennepintech.edu/academic-programs/health-services/dental- assistant/index.htmlhttp://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees-and- Programs/health/Dental-Assistant/Dental-Assistant-Be-PE-Piploma								
Dental Assistant	Hibbing Community College	Hibbing	Yes, partial	40 Credits	4 Semesters	Diploma	No	No	https://hibbing.edu/academics/areas-of-study/medical-/-dental/dental-assistant-diploma								
Dental Assistant	Minneapolis Community and Technical College	Minneapolis	Yes, partial	35 Credits	3 Semesters	Diploma	No	No	https://mctc.decisionacademic.com/Catalog/ViewCatalog.aspx?pageid-viewcatalog&topicgroupid=1976&t opicid=2600&loaduseredits=True&_ga=2.254410248.1639987776.1553610320-214382496.1553610320								
Dental Assistant	Minnesota West Community and Technical College	Canby	Yes, partial	48 Credits	4 Semesters	Diploma	No	No	http://www.minnstate.edu/colliege- search/public/institution/programProfile?search=college&rcid=0209&progld=2385								
Dental Assistant	Rochester Community and Technical College	Rochester	Yes, partial	47 Credits	4 Semesters	Diploma	No	No	https://www.rctc.edu/program/da/								
Dental Assistant	St. Cloud Technical and Community College	St. Cloud	Yes, partial	53 Credits	4 Semesters	Diploma	No	No	https://www.sctcc.edu/degrees-programs/dental-assistant/dental-assistant-diploma-53-credits								
Dental Assistant	Century College	White Bear Lake	Yes, partial	64 Credits	4 Semesters	Associates Degree	No	No	http://catalog.century.edu/preview_program.php?catoid=5&poid=1029&returnto=252								
Dental Assistant	Dakota County Technical College	Rosemount	Yes, partial	60 Credits	4 Semesters	Associates Degree	No	No	https://www.dctc.edu/academics/programs-majors/health-education/dental-assistant/dental-assistant- ass-degree/								
Dental Assistant	Hennepin Technical College	Brooklyn Park & Eden Prairie	Yes, partial	60 Credits	4 Semesters	Associates Degree	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees-and-Programs/Health/Dental- Assistant/Dental-Assistant-BP-EP-Associate-in-Applied-Science-Degree								
Dental Assistant	Hibbing Community College	Hibbing	Yes, partial	60 Credits	4 Semesters	Associates Degree	No	No	https://hibbing.edu/academics/areas-of-study/medical-/-dental/dental-assistant-aas-degree								
Dental Assistant	Minnesota West Community and Technical College	Canby	Yes, partial	60 Credits	4 Semesters	Associates Degree	No	No	http://www.minnstate.edu/college- search/public/institution/programProfile?search=college&rcid=0209&progid=1334								
Dental Assistant	Rochester Community and Technical College	Rochester	Yes, partial	64 Credits	4 Semesters	Associates Degree	No	No	https://www.rctc.edu/program/da/								
Dental Assistant	St. Cloud Technical and Community College	St. Cloud	Yes, partial	60 Credits	4 Semesters	Associates Degree	No	No	https://www.sctcc.edu/degrees-programs/dental-assistant/dental-assistant-aas-60-credits								
Dental Assistant (Expanded Functions)	Rochester Community and Technical College	Rochester	Yes, partial	13 Credits	2 Semesters	Certificate	No	No	https://www.rctc.edu/program/da/								
Dental Assistant (Expanded Functions)	Minneapolis Community and Technical College	Minneapolis	Yes, partial	16 Credits	2 Semesters	Certificate	No	No	https://mstc.decisionacademic.com/Catalog/ViewCatalog.aspx?pageid=viewcatalog&tookgroupid=1976&t ppicid=2601&loaduseredits=True&_ga=2.49871270.1639987776.1553610320-214382496.1553610320								
Dental Assisting	Central Lakes College	Brainerd	Yes, partial	44 Credits	3 Semesters	Diploma	No	No	http://www.cicmn.edu/dental-assistant-diploma-2/								
Dental Assisting	Minnesota State Community & Technical College	Fergas Falls	Yes, partial	48 Credits	4 Semesters	Diploma	No	No	https://www.minnesota.edu/programs_majors.php?prog_code=1958/								
Dental Assisting	Northwest Technical College	Bemidji	Yes, partial	45 Credits	4 Semesters	Diploma	No	No	https://www.ntcmn.edu/career-paths/health-care/dental-assisting/degrees-credentials/diploma-dental-assisting/								
Dental Assisting	South Central College	Mankato	Yes, partial	52 Credits	4 Semesters	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203302-php								
Dental Assisting	Central Lakes College	Brainerd	Yes, partial	60 Credits	3 Semesters & Summer Session	Associates Degree	No	No	http://www.ckmn.edu/dental-assisting-a-a-s-degree-2/								
Dental Assisting	Minnesota State Community & Technical College	Fergas Falls	Yes, partial	63 Credits	3 Semesters	Associates Degree	No	No	https://www.minnesota.edu/programs/dental/								
Dental Assisting	Northwest Technical College	Bemidji	Yes, partial	60 Credits	4 Semesters	Associates Degree	No	No	https://www.ntcmn.edu/career-paths/health-care/dental-assisting/degrees-credentials/aas-dental-assisting/								
Dental Assisting	South Central College	Mankato	Yes, partial	63 Credits	4 Semesters	Associates Degree	No	No	http://ecatalog.southcentral.edu/AA5%203303.php								
Dental Assisting	Minnesota State Community & Technical College	Moorhead	Yes, partial	48 Credits	4 Semesters	Diploma	No	No	https://www.minnesota.edu/programs_majors.php?prog_code=1958/								
Dental Assisting	Minnesota State Community & Technical College	Moorhead	Yes, partial	63 Credits	4 Semesters	Associates Degree	No	No	https://www.minnesota.edu/programs_majors.php?prog_code=198#/								
Dental Practice Management	Century College	White Bear Lake	No	16 Credits	1 Semester	Certificate	No	No	http://catalog.century.edu/preview_degree_planner.php?catoid=5&poid=1031&returnto=252&print_								
Sedation Monitoring and IV Assistant Certification	Sedation Consult, LLC	Twin Cities	No	No	Accelerated	Certificate	No	No	https://www.sedationconsult.com/intravenous-certification-course.html								
Allied Dental Clinical Sedation Certification	South Central College	Mankato	Partial	No	Accelerated	Certificate	No	No	http://cbi.southcentral.edu/index.oho/health-care/272-allied-dental-clinical-sedation-certification.html								

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatin ginDTG	CompetenciesMap ped	URL	Health Information Literacy and Skills	Health Informatics Skills Using the HER	Privacy and Confidentiality of Health Information	Health Information and Data Technical Security	Health Industry Fundamentals	Healthcare Delivery Services	Health Information	Health Industry Ethics	Laws and Regulations	Worker Health and Safety
Medical Administrative Specialist	Alexandria Technical and Community College	Alexandria	No	60 credits	Two years	Associates Degree	No	No	https://www.alextech.edu/programs/medical- administrative-specialist/curriculum										
Medical Administrative Specialist	Anoka Technical College	Anoka	No	60 credits	Two years	Associates Degree	No	No	http://www.anokatech.edu/ProgramsCourses/ HealthScienceTech/MedicalAdministrativeSpeci alist.aspx				-						
Healthcare Administrative Specialist	Central Lakes College	Brainerd	Yes, partial	32 credits	One year	Diploma	No	No	http://www.clcmn.edu/healthcare- administrative-specialist-diploma-2/										
Healthcare Administrative	Central Lakes College	Brainerd	Yes,	60 credits	Two years	Associates	No	No	http://www.clcmn.edu/healthcare-										
Specialist  Medical Administrative Support	Century College	White Bear Lake	partial No	47 credits	Two years	Diploma	No	No	administrative-specialist-a-a-s-degree-2/ http://catalog.century.edu/preview program.p										
Medical Office Assistant	Century College	White Bear Lake	No	60 credits	Two years	Associates	No	No	hp?catoid=5&poid=1108 http://catalog.century.edu/preview_program.p										
Medical Office Support	Century College	White Bear Lake		18 credits	One year	Degree Certificate	No	No	hp?catoid=5&poid=1112 http://catalog.century.edu/preview_program.p hp?catoid=5&poid=1115&returnto=252										
Medical Administrative Specialist	Dakota County Technical College	Rosemount	No	39 credits	One year	Diploma	No	No	https://www.dctc.edu/academics/programs- majors/administrative-support/medical- administrative-specialist/medical- administrative-specialist-diploma/										
Medical Administrative Assistant	Hennepin Technical College	Brooklyn Park, Eden Prairie	No	48 credits	Two years	Diploma	No	No	http://hennepintech.smartcatalogiq.com/en/20 18-2019/Catalog/Degrees-and- Programs/Health/Medical-Office/Medical- Administrative-Assistant-BP-EP-Diploma										
Medical Administrative Assistant	Hennepin Technical College	Brooklyn Park, Eden Prairie	No	60 credits	Two years	Associates Degree	No	No	http://hennepintech.smartcatalogiq.com/en/20 18-2019/Catalog/Degrees-and- Programs/Health/Medical-Office/Medical- Administrative-Assistant-BP-EP-Associate-in- Applied-Science-Degree										
Medical Coding Specialist	Hennepin Technical College	Brooklyn Park, Eden Prairie	No	43 credits	One or Two Years	Diploma	No	No	Applieursceince-begree http://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and- Programs/Health/Medical-Office/Medical- Coding-Specialist-BP-EP-Diploma										
Medical Coding and Scribing	Hibbing Community College	Hibbing	No	43 credits	One + year	Diploma	No	No	http://hibbing.edu/academics/areas-of- study/medical-/-dental/medical-coding-scribing										
Medical Office Specialist	Lake Superior College	Duluth	No	50 credits	Three semesters	Diploma	No	No	https://degrees.lsc.edu/medical-administrative- assistant/										
Health Insurance and Billing	Lake Superior College	Duluth	No	32 credits	One year	Diploma	No	No	https://degrees.lsc.edu/wp- content/uploads/2018-Health-Insurance-and- Billing-Diploma.pdf										
Medical Scribe Specialist	Minneapolis Community and Technical College	Minneapolis	No	32 credits	One year	Diploma	No	No	https://mctc.decisionacademic.com/Catalog/Vi ewCatalog.aspx?pageid=viewcatalog&topicgro upid=1676&topicid=2261&loaduseredits=True g_ga=2.1058468.1833961173.1541000293- 1741402107.1538685013										
Medical Office Administration	Minneapolis Community and Technical College	Minneapolis	No	60 credits	Two years	Associates Degree	No	No	https://mctc.decisionacademic.com/Catalog/Vi ewCatalog.aspx?pageid=viewcatalog&topicgro upid=1676&topicid=2260&loaduseredits=True & ga=2.10508468.1833961173.1541000293- 1741402107.1538685013										
Medical Administrative Assistant	MN State College Southeast	Winona	Yes, partial	60 credits	Two years	Associates Degree	No	No	http://www.southeastmn.edu/academic_progr ams/Major.aspx?MajorID=686										
Medical Administrative	MN State College	Winona	Yes,	40 credits	Three	Diploma	No	No	http://www.southeastmn.edu/academic_progr										
Specialist  Medical Coding and Insurance	Southeast MN State Community and	Moorhead	partial Yes	50 credits	semesters Two years	Diploma	No	No	ams/Major.aspx?MajorID=688 http://www.minnesota.edu/programs_majors.										
Medical Administrative Assistant	Technical College MN State Community and		Yes	60 credits	Two years	Associates	No	No	php?prog_code=404#/ http://www.minnesota.edu/programs_majors.										
cuicai Auministrative Assistant	Technical College			Jo ci euits	. wo years	Degree	INU	140	php?prog_code=390#/ http://www.northlandcollege.edu/programs/m										
Medical Administrative Assistant	Northland Community and Technical College	Thief River Falls	Yes, partial	60 credits	Two years	Associates Degree	No	No	edical administrative/program detail.php?pro gram code=390										
Healthcare Administrative Support	Northwest Technical College	Bemidji	No	36 credits	One year	Diploma	No	No	https://www.ntcmn.edu/career-paths/health- care/health-care-support/degrees- credentials/diploma-healthcare-administrative- support/										
Healthcare Administrative Specialist	Northwest Technical College	Bemidji	No	60 credits	Two years	Associates Degree	No	No	https://www.ntcmn.edu/career-paths/health- care/health-care-support/degrees- credentials/aas-healthcare-administrative- specialist/										
Medical Administrative Assistant	Riverland Community College	Albert Lea	Yes, partial	34 credits	One year	Diploma	No	No	https://www.riverland.edu/academics/progra ms/medical-administrative-assistant- dio1/description/										
Medical Administrative Assistant	Riverland Community College	Albert Lea	Yes, partial	60 credits	Two years	Associates Degree	No	No	https://www.riverland.edu/academics/progra ms/medical-administrative-assistant- aas/description/										
Administrative Clinic Assistant	Rochester Community and Technical College	Rochester	Yes, partial	60 credits	Two years	Associates Degree	No	No	https://www.rctc.edu/program/aca/program- plans/										
Administrative Clinic Assistant	Rochester Community and	Rochester	Yes,	33 credits	One year	Diploma	No	No	https://www.rctc.edu/program/aca/program- plans/										
Healthcare Documentation	Technical College Rochester Community and		partial Yes,	24 credits	One year	Certificate	No	No	plans/ https://www.rctc.edu/program/med/										
Specialist  Medical Office	Technical College Saint Paul College	St. Paul	partial Some	20 credits	One semester	Certificate	No	No	https://www.saintpaul.edu/programs/medical-										
Healthcare Documentation	Saint Paul College	St. Paul	classes Some	30 credits	Three	Certificate	No	No	office https://www.saintpaul.edu/programs/medical-										
Specialist			classes Some		semesters Three				office https://www.saintpaul.edu/programs/medical-										
Medical Coding Diploma	Saint Paul College	St. Paul	classes	40 credits	semesters	Certificate	No	No	office										

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatingin DTG	CompetenciesMapped	URL	Advocacy/Outreact	Community, Capacity Building, Teaching	Mental Health Outreach and	Patient Navigation	Communications, Competence, and Legal	Ethical Implications	Medical Records, Documentation, Reporting	Interviewing	Infant, Children, Women's Health	Health Promotion	Care Coordination	Medical Terminology	Nutrition	Cultural Awareness	Insurance	Interpersonal Skills	Home Care and Visiting	Team Facilitation	Wrap-Around Care
Health Support Specialist	Ridgewater College	Hutchinson	Yes, partial	One credit	More than one term bu less than one year	Certificate	No	No	https://idenwater.edu/customized-training-continuing- education/healthcare-emergency-medical-services/long- term-care/																			
Health Support Specialist	Ridgewater College	Wilmar	Yes, partial	One credit	More than one term bu	et Certificate	No	No	https://rideswater.edu/customized-training-continuing- education/healthcare-emergency-medical-services/cong-																			

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatin ginDTG	Competencies Mapped	URL	Medical Terminology	Meds Administration (Oral, Injection, SQ)	EKG Admin	Specimen Collection	Lab Techniques	Clinical Procedures	CPR/First Aid/OSHA	Pharmacology	Medical Ethics	Health Records	Basic X-Ray	Medical Skills
Medical Assistant	Anoka Technical College	e Anoka	Yes, partial	49 credits	1.5 years	Diploma	No	No	http://www.anokatech.edu/en/Pro gramsCourses/HealthScienceTech/ MedicalAssistant												
Medical Assistant	Anoka Technical College	e Anoka	Yes, partial	60 credits	2 years	Associates Degree	No	No	http://www.anokatech.edu/en/Pro gramsCourses/HealthScienceTech/ MedicalAssistant												
Medical Assistant	Central Lakes College	Brainerd	Yes, partial	60 credits	2 years	Associates Degree	No	No	http://www.clcmn.edu/medical- assistant-a-a-s-degree-2/												
Medical Assistant	Central Lakes College	Staples	Yes, partial	39 credits	1.5 years	Diploma	No	No	http://www.clcmn.edu/medical- assistant-diploma-2/												
Medical Assistant	Central Lakes College	Staples	Yes, partial	60 credits	2 years	Associates Degree	No	No	http://www.clcmn.edu/medical- assistant-a-a-s-degree-2/												
Medical Assistant	Central Lakes College	Brainerd	Yes, partial	39 credits	1.5 years	Diploma	No	No	http://www.clcmn.edu/medical- assistant-diploma-2/												
Medical Assistant	Century College	White Bear Lake	Yes, partial	51 credits	3 semesters	Diploma	No	No	http://catalog.century.edu/preview program.php?catoid=5&poid=110 6&returnto=252												
Medical Assistant	Dakota County Technical College	Rosemount	Yes, partial	42 credits	1.5 years	Diploma	No	No	nttps://www.dctc.edu/academics/ programs-majors/health-												
Medical Assistant	Dakota County	Rosemount	Yes, partial	60 credits	2 years	Associates	No	No	https://www.dctc.edu/academics/ programs-majors/health-												
	Technical College Hennepin Technical		.,,,		,	Degree Associates			http://hennepintech.smartcatalogi												
Medical Assistant	College	Eden Prairie	Yes, partial	60 credits	2 years	Degree	No	No	q.com/2018-2019/Catalog/Degrees- and-Programs/Health/Medical- https://degrees.lsc.edu/wp-												
Medical Assistant	Lake Superior College Minnesota State	Duluth	Yes, partial	40 credits	1 year	Diploma	No	No	content/uploads/2018-Medical- Assistant-Diploma pdf												
Medical Assistant	Community and Technical College	Detroit Lakes	Yes, partial	37 credits	1 year	Diploma	No	No	https://www.minnesota.edu/progr ams/medical-assistant/												
Medical Assistant	Minnesota West Community & Technical College	Luverne	Yes, partial	44 credits	1 year	Diploma	No	No	http://www.mnwest.edu/programs- courses/list/medical-assistant- diploma												
Medical Assistant	Minnesota West Community & Technical College	Luverne	Yes, partial	60 credits	2 years	Associates Degree	No	No	https://www.mnwest.edu/program s-courses/list/medical-assistant- aas												
Medical Assistant	Pine Technical and Community College	Pine City	Yes, partial	60 credits	2 years	Associates Degree	No	No	http://pine.edu/programs/health- science-and-nursing/medical- assistant/												
Medical Assistant	Rasmussen College	Blaine	Yes, partial	51 credits	1 year	Diploma	No	No	https://www.rasmussen.edu/degre es/health-sciences/medical-												
Medical Assistant	Rasmussen College	Bloomington	Yes, partial	51 credits	1 year	Diploma	No	No	https://www.rasmussen.edu/degre es/health-sciences/medical- assisting/diploma/												
Medical Assistant	Rasmussen College	St. Cloud	Yes, partial	51 credits	1 year	Diploma	No	No	https://www.rasmussen.edu/degre es/health-sciences/medical- assisting/diploma/												
Medical Assistant	Rasmussen College	Woodbury	Yes, partial	51 credits	1 year	Diploma	No	No	https://www.rasmussen.edu/degre es/health-sciences/medical- assisting/diploma/												
Medical Assistant	Rasmussen College	Mankato	Yes, partial	51 credits	1 year	Diploma	No	No	https://www.rasmussen.edu/degre es/health-sciences/medical- assisting/diploma/												
Medical Assistant	Rasmussen College	Eagan	Yes, partial	51 credits	1 year	Diploma	No	No	https://www.rasmussen.edu/degre es/health-sciences/medical- assisting/diploma/												
Medical Assistant	Ridgewater College	Willmar	Yes, partial	49 credits	1.5 years	Diploma	No	No	https://www.ridgewater.edu/acad emics/areas-of-study/health- care/medical-assistant/												
Medical Assistant	Ridgewater College	Willmar	Yes, partial	60 credits	2 years	Associates Degree	No	No	https://www.ridgewater.edu/acad emics/areas-of-study/health- care/medical-assistant/												
Medical Assistant	Riverland Community College	Austin	Yes, partial	36 credits	3 semesters	Diploma	No	No	https://www.riverland.edu/acade mics/programs/medical-assistant- dip/description/												
Medical Assistant	Riverland Community College	Owatonna	Yes, partial	36 credits	3 semesters	Diploma	No	No	https://www.riverland.edu/acade mics/programs/medical-assistant- dip/description/												
Medical Assistant	South Central College	Mankato	Yes, partial	60 credits	2 years	Associates Degree	No	No	http://southcentral.edu/Majors- and-Programs/medical-assistant- program.html												

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatin ginDTG	Competencies Mapped	URL	HIPAA	Medical Terminology	Health and disease	Laboratory Techniques	Data Management	Detailed Documentation	Practice Ethical Responsibility	Diagnostic Procedures
Medical Laboratory Assistant	Rochester Community and Technical College	Rochester	Partial	Customized	9 months	Medical Laboratory Assistant (MLA) certification	No	No	http://rctcbwe.com/category/healthcare								
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Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatin ginDTG	Competencie sMapped	URL	Part of Treatment Team	Collaborate with Care Team	Trauma Informed Care	De-Escalation	Professional Boundaries	Therapeutic Self Use	Chemical Dependency Awareness	Psycho-Social Support	Treatment Goals Assistance	Serious Persistent Mental Illness Exposure	CPR and First Aid	Harm Reduction Model	Milieu Therapy Management	Patient Vitals	Treatment Goals
Clinical Mental Health Counseling	Adler Graduate School	Minnetonka	Yes	60 credits	2 years	Masters	No	No	http://alfredadler.edu/programs/ma sters/clinical-counseling															
Clinical Mental Health Counseling	St. Cloud State University	St. Cloud	No	61 credits	2 years	Masters	No	No	https://catalog.stcloudstate.edu/Cat alog/ViewCatalog.aspx?pageid=view catalog&topicgroupid=1967															
Clinical Mental Health Counseling	Winona State University	Winona	No	60 credits	2 years	Masters	No	No	https://www.winona.edu/counselor education/clinical-counseling.asp															
Mental Health Counseling	Minnesota State University Mankato	Mankato	No	60 credits	2 years	Masters	No	No	https://ed.mnsu.edu/csp/pcc/															
Human Services Specialist	Rochester Community and Technical College	Rochester	No	60 credits	2 years	Associates Degree	No	No	https://www.rctc.edu/program/hs/ program-plans/															
Human Services Technician	Rochester Community and Technical College	Rochester	No	32 credits	1-2 years	Diploma	No	No	https://www.rctc.edu/program/hs/ program-plans/															
Psychiatric Mental Health Nurse Practitioner	Walden University	Minneapoli s	Yes	61 credits	2 years	Masters	No	No	https://www.waldenu.edu/online- masters-programs/msn-psychiatric- mental-health-nurse-practitioner															
Psychiatric Mental Health Nurse Practitioner	Winona State University	Winona	Yes, partial	24 credits	1 year	Graduate Certificate	No	No	http://www.minnstate.edu/college- search/public/institution/programPr ofile?search=college&rcid=0074≺ ogld=370022017															
Mental Health Behavioral Aide	Century College	White Bear Lake	No	18 credits	More than one term but less than one year	Sub-bachelor's postsecondary award	No	No	https://www.century.edu/programs /mental-health-behavioral-aide-ii															

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	Competencies Mapped	URL	Part of Treatment Team	Trauma Informed Care	De-Escalation	Professional Boundaries	Therapeutic Self Use	Chemical Dependency Awareness	Psycho-Social Support	Treatment Goals Assistance	Persistent Mental Illness Exposure			
Clinical Mental Health Counseling	Adler Graduate School	Richfield	Yes	60 credits	2 years	Masters	No	No	http://alfredadler.edu/programs/masters /clinical-counseling												
Clinical Mental Health Counseling	St. Cloud State University	St. Cloud	No	61 credits	2 years	Masters	No	No	https://catalog.stcloudstate.edu/Catalog/ ViewCatalog.aspx?pageid=viewcatalog&t opicgroupid=1967												
Clinical Mental Health Counseling	Winona State University	Winona	No	60 credits	2 years	Masters	No	No	https://www.winona.edu/counseloreduc ation/clinical-counseling.asp												
Mental Health Counseling	Minnesota State University Mankato	Mankato	No	60 credits	2 years	Masters	No	No	https://ed.mnsu.edu/csp/pcc/												
Human Services Specialist	Rochester Community and Technical College	Rochester	No	60 credits	2 years	Associates Degree	No	No	https://www.rctc.edu/program/hs/progr am-plans/												
Human Services Technician	Rochester Community and Technical College	Rochester	No	32 credits	1-2 years	Diploma	No	No	https://www.rctc.edu/program/hs/progr am-plans/												
cychiatric Mental Health Nurse Practitioner	Walden University	Minneapolis	Yes	61 credits	2 years	Masters	No	No	https://www.waldenu.edu/online- masters-programs/msn-psychiatric- mental-health-nurse-practitioner												
sychiatric Mental Health Nurse Practitioner	Winona State University	Winona	Yes, partial	24 credits	1 year	Graduate Certificate	No	No	http://www.minnstate.edu/college- search/public/institution/programProfile ?search=college&rcid=0074&progld=370 022017												
lental Health Behavioral Aide II	Century College	White Bear Lake	No	18 credits	More than one term but less than one year	Sub-bachelor's postsecondary award	No	No	https://www.century.edu/programs/me ntal-health-behavioral-aide-ii												

Program	TrainingInstitution	Location	Online Cre	sit Duratio	n Cres	edential Participati	DTGnigni	CompetenciesMapped	UNL	Intro to Imaging	Optics, spectacles, and contact lens basics	Survey of eye disease and low vision	Ophthalmic pharmacology and microbiology	History and emergency medical records (EMR)	Diagnostic and ancillary testing	Ophthalmic photography and imaging	Visual field testing	Aseptic technique, laser and surgical assisting	Ocular motility	Patient and family- centered care	Tonometry and slit lamp exam	Communicate and collaborate	General medical and ophthalmic terminology, anatomy and knowledge
Ophthalmic Technician	School of Ophthalmic Medical Technology- Regions Hospital	St. Pirul	No N	21 mont	hs Cert	rtificate N	lo	No	https://www.healthoartners.com/institute/education/phpe/school- ophthalmic-medical-technology/.														
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Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Intro to Imaging	Radiographic Quality Analysis	Imaging Equip/C ompute	Radiologic Procedures	Radiobiology/ Protection	Radio Pathology	Patient Care	Anatomy/ Physiolog y	Transcult	Radiogra phic Imaging	Care	phic	Modalitie s
Radiologic Technology	Century College	White Bear	No	78 credits	Six semesters	Associates Degree	No	No	https://www.century.edu/programs/radiologic-technology													
Radiologic Technology	Lake Superior College	Duluth	No	78 credits	Six semesters	Associates Degree	No	No	https://degrees.lsc.edu/radiologic-technologist/													
Radiologic Technology	Minnesota State Community & Technical College	Detroit Lakes	Yes, partial	79 credits	Six semesters	Associates Degree	No	No	https://www.minnesota.edu/programs_majors.php?prog_code=470#f													
Radiologic Technology	Minnesota West State Community & Technical College	Luverne	No	84 credits	Two years	Associates Degree	No	No	https://www.mnwest.edu/faculty-webpages/radiologic-technology													
Radiologic Technology	Northland Community & Technical College	East Grand Forks	No	83 credits	21 months, 5 semesters	Associates Degree	No	No	http://www.northlandcollege.edu/programs/radiologic_technology/p rogram_detail.php?program_code=470													
Radiologic Technology	Rasmussen College	Lake Elmo	Yes, partial	???	Two years	Associates Degree	No	No	https://www.mnwest.edu/faculty-webpages/radiologic-technology													
Radiologic Technology	Dunwoody College of Technology	Minneapolis	No	???	Two years	Associates Degree	No	No	https://dunwoody.edu/radtech/radiologic-technology/													
Radiologic Technology	Mayo Clinic College of Medicine & Science	Rochester	No	???	Two years	Associates Degree	No	No	https://dunwoody.edu/radtech/radiologic-technology/													
Radiologic Technology	St. Cloud Hospital	St. Cloud	No	???	21 monthes	Certificate	No	No	https://www.centracare.com/professionals/school-of-diagnostic- imaging/													
Radiologic Technology	St. Catherine University	Minneapolis	No	???	73 monthes	Associates Degree	No	No	https://www.stkate.edu/academics/associate-degrees/academic- programs/radiography													
Radiologic Technology	Minnesota State College Southeast	Winona	No	71 credits	28 monthes	Associates Degree	No	No	http://www.southeastmn.edu/academic_programs/_program/Defaul t.aspx?pid=65													
Radiologic Technology	Mayo Clinic College of Medicine & Science	Rochester	No	???	12 monthes	Certificate	No	No	https://college.mayo.edu/academics/health-sciences- education/radiation-therapy-program-minnesota/													
Radiologic Technology	Riverland Community College	Austin	No	83 credits	Two years	Associates Degree	No	No	https://www.riverland.edu/academics/programs/radiography-x-ray- aas/description/													
Radiologic Technology	Minneapolis VA Healthcare System	Minneapolis	No	???	Two years	Certificate	No	No	https://www.minneapolis.va.gov/education/srt/srt_about.asp													

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Culinary Assistant	Dining Room Service	Cooking	Advanced Infection Control	Kitchen Management	Nutrition	Leadership
Senior Living Culinary Manager Customized Training	St. Paul College	St. Paul	No	Non-Credit	One semester	Certificate	Yes	Yes	https://www.saintpaul.edu/wtce/workforce-training							
Culinary Arts	St. Paul College	St. Paul	Yes, partial	58 credits	2 years	Diploma	No	No	https://www.saintpaul.edu/programs/culinary-arts							
Culinary Arts	St. Paul College	St. Paul	Yes, partial	68 credits	2 years	Associates Degree	No	No	https://www.saintpaul.edu/programs/culinary-arts							
Culinary Arts	Hennepin Technical College	Brooklyn Park	No	38 credits	Three semesters	Diploma	No	No	http://hennepintech.smartcatalogiq.com/en/2018- 2019/Catalog/Degrees-and-Programs/Service-and- Education/Culinary-Arts/Culinary-Arts-RP-Diploma http://hennepintech.smartcatalogic.com/en/2018-							
Culinary Arts	Hennepin Technical College	Brooklyn Park	No	65 credits	Two years	Associates degree	No	No	http://hennepintech.smartcatalogiq.com/en/2018- 2019/Catalog/Degrees-and-Programs/Service-and- Education/Culinary-Arts/Culinary-Arts-RP-Associate-in-Applied-							
Culinary Arts	South Central College	North Mankato	No	52 credits	Two years	Diploma	No	No	http://southcentral.edu/Majors-and-Programs/culinary-arts.html							
Culinary Arts	South Central College	North Mankato	No	67 credits	Two years	Associates degree	No	No	http://southcentral.edu/Majors-and-Programs/culinary-arts.html							
Culinary Arts	St. Cloud Technical & Community College	St. Cloud	No	38 credits	Three semesters	Diploma	No	No	https://www.sctcc.edu/degrees-programs/culinary-arts/culinary-arts- diploma-38-credits							
Culinary Arts	St. Cloud Technical & Community College	St. Cloud	No	66 credits	Two years	Associates degree	No	No	https://www.sctcc.edu/degrees-programs/culinary-arts/culinary-arts- aas-66-credits							
Culinary Arts	Hibbing Community College	Hibbing	No	65 credits	Two years	AAS Degree	No	No	http://hibbing.edu/academics/areas-of-study/culinary/culinary-arts							
Culinary Arts	Hibbing Community College	Hibbing	No	31 credits	One year	Diploma	No	No	http://hibbing.edu/academics/areas-of-study/culinary/culinary-arts-1- year-diploma							
Culinary Arts	Hibbing Community College	Hibbing	No	60 credits	Two years	Diploma	No	No	http://hibbing.edu/academics/areas-of-study/culinary/culinary-arts-2- year-diploma							
Culinary Arts	Hibbing Community College	Hibbing	No	65 credits	Two years	Certificate	No	No	$\frac{\text{http://hibbing.edu/academics/areas-of-study/culinary/culinary-arts-}}{\text{certificate}}$							

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Strong Oral & Written Communication	Patient & Family- Centered Care	Disease	Practice Ethical Responsibility	Surgical Pharmacology	Medication	Infection Control	Operating Room Techniques	Sterile Processing	Health & Safety Promotion	Diagnostic Procedures
Surgical Technician	St. Paul College	St. Paul	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	https://www.saintpaul.edu/programs/surgical-technology											
Surgical Technologist	Lake Superior College	Duluth	Yes, partial	45 Credits	2 Years	Diploma	No	No	https://degrees.lsc.edu/surgical-technologist/											
Surgical Technologist	Lake Superior College	Duluth	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	https://degrees.lsc.edu/scrub/											
Surgical Technologist	St. Cloud Technical & Community College	St. Cloud	Yes, partial	49 Credits	2 Years	Diploma	No	No	https://www.sctcc.edu/degrees-programs/surgical-technology											
Surgical Technologist	St. Cloud Technical & Community College	St. Cloud	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	https://www.sctcc.edu/degrees-programs/surgical-technology											
Surgical Technology Associates	Anoka Technical College	Anoka	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	http://www.anokatech.edu/ProgramsCourses/HealthScienceTech/Sur gical-Technology											
Surgical Technologist	Minnesota State Community & Technical College Minnesota West	Moorhead	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	https://www.minnesota.edu/programs_majors.php?program=surgical _technology											
Surgical Technologist	Minnesota West Community & Technical	Luverne	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	https://www.mnwest.edu/programs-courses/list/surgical-technology- aas											
Surgical Technologist	Northland Community & Technical College	East Grand Forks	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	http://www.northlandcollege.edu/programs/surgical_technology/program_detail.php?program_code=560											
Surgical Technologist	Rochester Community & Technical College	Rochester	Yes, partial	60 Credits	2 Years	Associates Degree	No	No	https://www.rctc.edu/program/st/											
Surgical Technologist	Rassmusen College	Brooklyn Park, Moorhead, & St. Cloud		60 Credits	2 Years	Associates Degree	No	No	https://www.rasmussen.edu/degrees/health-sciences/surgical- technologist/											

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatingin DTG	Competencies Mapped	URL	State Regulation for Adult Health	Environmental Services Dress Code	Patient Transfer and Bed Mobility	Food Safety Preparation	Understand MSDS	Central Supply Store Room Usage and Access	Infection Control Procedures
Practical Nursing	Alexandria Technical and Community College	Alexandria	No	36 credits	1.5 years	Diploma	No	No	https://www.alextech.edu/programs/practical-nursing/curriculum							
Practical Nursing	Anoka Technical College	Anoka	No	38 credits	1.5 years	Diploma	No	No	http://www.anokatech.edu/en/ProgramsCourses/HealthScienceTech/PracticalNursing.aspx							
Practical Nursing	Central Lakes College	Staples	No	36 credits	1.5 years	Diploma	No	No	http://www.clcmn.edu/practical-nursing-diploma-2/.							
Practical Nursing	Dakota County Technical College	Rosemount	No	42 credits	1.5 years	Diploma	No	No	https://www.dctc.edu/academics/programs-majors/health-education/practical-nursing/practical-nursing-diploma/							
Practical Nursing	Fond du Lac Tribal and Community College	Cloquet	No	40 credits	1.5 years	Diploma	No	No	https://fdltcc.edu/academics/degree-and-certificate-programs/certificate-programs/practical-nursing-diploma/							
Practical Nursing	Hennepin Technical College	Brooklyn Park/Eden Prairie	No	41 credits	1.5 years	Diploma	No	No	https://www.hennepintech.edu/academic-programs/health-services/practical-nursing/index.html							
Practical Nursing	Itasca Community College	Grand Rapids	No	45 credits	1.5 years	Diploma	No	No	https://www.itascacc.edu/assets/sites/icc/uploads/PracNurs Dip 2019 20.pdf							
Practical Nursing	Lake Superior College	Duluth	No	40 credits	1.5 years	Diploma	No	No	https://degrees.lsc.edu/wp-content/uploads/Practical-Nursing.pdf							
Practical Nursing	Mesabi Range College	Eveleth	No	45 credits	1.5 years	Diploma	No	No	https://www.mesabirange.edu/assets/sites/mesabi/uploads/files/Practical Nursing Diploma Fall 2018 1.pdf							
Practical Nursing	Minnesota State College - Southeast Technical	Red Wing/Winona	No	36 credits	1 year	Diploma	No	No	http://www.southeastmn.edu/academic_programs/_program/default.aspx?pid=78_							
Practical Nursing	Minnesota State Community and Technical College	Moorhead	No	40 credits	1.5 years	Diploma	No	No	https://www.minnesota.edu/legacy/?id=11201							
Practical Nursing	Minnesota West Community & Technical College	Pipestone/Worthington and online	Yes	39 credits	1 year	Diploma	No	No	http://www.mnwest.edu/programs-courses/list/nursing-practical-nursing-diploma							
Practical Nursing	Northland Community and Technical College	E Grand Forks, Thief River Falls and online	Yes	44 credits	1.5 years	Diploma	No	No	http://www.northlandcollege.edu/programs/nursing/program_detail.php?program_code=467/lcourses							
Practical Nursing	Northwest Technical College	Bemidji	Yes	38 credits	2 years	Associates Degree	No	No	https://www.ntcmn.edu/career-paths/health-care/nursing/wp-content/uploads/sites/34/2015/07/NTC_Nursing_DoubleSidedFlyer.pdf							
Practical Nursing	Pine Technical and Community College	Pine City	No	41 credits	1.5 years	Diploma	No	No	http://pine.edu/programs/health-science-and-nursing/practical-nursing/practical-nursing-program-requirements-and-courses							
Professional Nursing	Rasmussen College	Blaine, Bloomington, Mankato, Moorhead, St.Cloud	Yes	103 credits	1.5-2 years	Associates Degree	No	No	https://www.rasmussen.edu/degrees/nursing/professional-nursing/associates/							
Practical Nursing	Ridgewater College	Hutchinson/Willmar	No	40 credits	1.5 years	Diploma	No	No	https://www.ridgewater.edu/academics/areas-of-study/health-care/nursing-practical/							
Practical Nursing	Riverland Community College	Austin	No	39 credits	1.5 years	Diploma	No	No	https://www.riverland.edu/academics/programs/nursing-lpn-track-dip/course-sequence/							
Practical Nursing	Rochester Community and Technical College	Rochester	No	39 credits	1 year	Diploma	No	No	https://www.rctc.edu/program/pnm/_							
Practical Nursing	Saint Paul College	St. Paul	Yes	40 credits	1.5 years	Diploma	No	No	https://www.saintpaul.edu/programs/Pages/practical-nursing.aspx			-				
Practical Nursing	South Central College	Faribault/Mankato	No	40 credits	1.5 years	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203304.php							
Practical Nursing	St. Cloud Technical and Community College	St. Cloud	No	40 credits	1.5 years	Diploma	No	No	https://www.sctcc.edu/degrees-programs/practical-nursing							

System Administration	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Business Intelligence	Big Data	Data Warehousing	Database Administration, Database Management	Data Mining
Certified Business Analysis Professional (CBAP) and Certification of Competency in Business Analysis	New Horizons Computer Learning Center - Eagan	Eagan, Minneapolis	Yes	No	15 weeks or less	Industry-recognized or professional association certification	No	No	https://www.newhorizonsmn.com/training-and- certifications/center-for-leadership-and- development/business-analysis					
Network Administration	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.edu/academics/degrees-diplomas- certificates/two-year-degrees/associate-of-applied-science- degrees/network-administration/					
Network Administration	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.edu/academics/degrees-diplomas- certificates/two-year-degrees/associate-of-applied-science- degrees/network-administration/.					
System Administration	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.edu/academics/degrees-diplomas- certificates/two-year-degrees/associate-of-applied-science- degrees/system-administration/					
System Administration	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.edu/academics/degrees-diplomas- certificates/two-year-degrees/associate-of-applied-science- degrees/system-administration/					
Computer Networking	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.edu/academics/degrees-diplomas- certificates/two-year-degrees/associate-of-science- degrees/computer-networking/.					
Computer Networking	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.edu/academics/degrees-diplomas- certificates/two-year-degrees/associate-of-science- degrees/computer-networking/					
Cybersecurity Analysis and Techniques	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1024&returnto=252					
Reverse Engineering Malware Analysis and Technique	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1145&returnto=252					
Intrusion Detection and Incident Handling	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1095&returnto=252					
Cloud Security Virtualization Forensics	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1012&returnto=252					
Cybersecurity, Virtualization, and Forensics	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1026					
Cloud Computing & Virtualization Security, Cloud Computing Track	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1009					
Cloud Computing & Virtualization Security, Cloud Security and System Virtualization Track	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1010					
Digital Forensics Analysis and Techniques	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1033&returnto=252					
IT Security and Audit Control	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1097&returnto=252					
Cloud Computing	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/preview_program.php?catoid=5& poid=1011&returnto=252					
Advanced Network Security	Inver Hills Community College	Inver Grove Heights	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://inverhills.edu/DegreesAndPrograms/ITCareers/index.					
Advanced Network	Inver Hills Community	Inver Grove Heights	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://inverhills.edu/DegreesAndPrograms/ITCareers/index.					
Technology Network Technology and	College Inver Hills Community	Inver Grove Heights	No	Yes	At least two but less	Associate's Degree such as AA, AS, and others	No	No	https://inverhills.edu/DegreesAndPrograms/iTCareers/index_					
Information Assurance	College Metropolitan State	St. Paul	No	Yes	than four years Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	No	https://www.metrostate.edu/academics/programs/information-assurance-bas					
Information Assurance (IA) and Information Technology	Metropolitan State	St. Paul	No	Yes	One year	Post-bachelor's or post-baccalaureate certificate	No	No	https://www.metrostate.edu/academics/programs/informati on-assurance-and					
Computer Forensics	Metropolitan State	St. Paul	No	Yes	One year	Post-bachelor's or post-baccalaureate certificate	No	No	https://www.metrostate.edu/academics/programs/computer- forensics-post					
Information Assurance Professional	Minneapolis Community and Technical College	Minneapolis	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://mctc.decisionacademic.com/Catalog/ViewCatalog.asp x?pageid=viewcatalog&topicgroupid=1660&topicid=2325&loa duseredits=True&_ga=2.1590081.605519909.1542829059- 1540624071.1542839055					
Computer Forensics	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least four or more years	Associate's Degree such as AA, AS, and others	No	No	https://www.minneapolis.edu/computer-forensics					
Information Security and Risk Management	Minnesota State University, Mankato	On-line	Yes	Yes	At least four or more years	Master's degree such as MA, MS, and others	No	No	http://www.mnsu.edu/psm/isrm/					
Information Technology	Minnesota State University, Mankato	On-line	Yes	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://grad.mnsu.edu/programs/bulletin/infotech.html					
Information Systems	St. Cloud State University	St. Cloud	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of full-time study, such as BA, BS, and others	No	No	https://www.stcloudstate.edu/programs/information- systems/default.aspx					
Information Assurance	St. Cloud State University	St. Cloud	No	Yes	At least four or more years	Master's degree such as MA, MS, and others	No	No	https://www.stcloudstate.edu/graduate/information- assurance/default.aspx					

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Cybersecurity	Firewalls/Encryption	Risk Management	Authentication/Biometrics	Legal Compliance & Standards Regulations	Penetration Testing / Auditing/Ethical Hacking	Policy Development & Implementation
Cybersecurity, Virtualization, and Networking	Alexandria Technical and Community College	Alexandria	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	https://www.alextech.edu/ programs/cybersecurity- virtualization-networking							
Computer Network Security	Anoka-Ramsey Community College	Cambridge	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.anokaramsey.e du/academics/degrees-							
Computer Network Security	Anoka-Ramsey Community College	Coon Rapids	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.anokaramsey.e du/academics/degrees- diplomas-							
Cybersecurity	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diolomas-certificates/two-							
Cybersecurity	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diplomas-certificates/two-							
Network Administration	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diolomas-certificates/two-							
Network Administration	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diplomas-certificates/two-							
System Administration	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diplomas-certificates/two-							
System Administration	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diplomas-certificates/two-							
Computer Networking	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diolomas-certificates/two-							
Computer Networking	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramsey.e du/academics/degrees- diplomas-certificates/two-							
Cybersecurity Analysis and Techniques	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/ preview program.php?cato id=5&poid=1024&returnto							
Reverse Engineering Malware Analysis and Technique	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu/ preview program.php?cato id=5&poid=1145&returnto http://catalog.century.edu/							
Intrusion Detection and Incident Handling	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	preview program.php?cato id=5&poid=1095&returnto http://catalog.century.edu/							
Cloud Security Virtualization Forensics Cybersecurity.	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	preview program.php?cato id=5&poid=1012&returnto http://catalog.century.edu/							
Virtualization, and Forensics Cloud Computing &	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	preview program.php?cato id=5&poid=1026 http://catalog.century.edu/							
Virtualization Security, Cloud Computing Track Cloud Computing &	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	preview program.php?cato id=5&poid=1009 http://catalog.century.edu/							
Virtualization Security, Cloud Security and System	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	preview program.php?cato id=5&poid=1010 http://catalog.century.edu/							
Digital Forensics Analysis and Techniques	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	preview program.php?cato id=5&poid=1033&returnto http://catalog.century.edu/							
IT Security and Audit Control	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	preview program.php?cato id=5&poid=1097&returnto http://catalog.century.edu/							
Cloud Computing  Advanced Network	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award Sub-bachelor's	No	No	preview program.php?cato id=5&poid=1011&returnto https://inverhills.edu/Degr							
Security  Advanced Network	College	Inver Grove Heights	No	Yes	One year	postsecondary award	No	No	eesAndPrograms/ITCareers /index.asox https://inverhills.edu/Degr							
Technology  Network Technology and	Inver Hills Community College Inver Hills Community	Inver Grove Heights	No	Yes	One year  At least two but less than	Sub-bachelor's postsecondary award Associate's Degree such as	No	No	eesAndPrograms/ITCareers /index.aspx https://inverhills.edu/Degr							
Security Security	College	Inver Grove Heights	No	Yes	four years	AA, AS, and others  Post-bachelor's or post-	No	No	eesAndPrograms/ITCareers /index.aspx https://www.metrostate.ed							
Cybersecurity	Metropolitan State	St. Paul	No	Yes	One year	baccalaureate certificate Bachelor's or baccalaureate	No	No	u/academics/programs/cyb ersecurity-post https://www.metrostate.ed							
Information Assurance	Metropolitan State	St. Paul	No	Yes	Four years	degree normally requiring 3 5 years of fulltime study, Bachelor's or baccalaureate	No	No	u/academics/programs/info rmation-assurance-bas https://www.metrostate.ed							
Computer Forensics Information Assurance	Metropolitan State	St. Paul	No	Yes	Four years	degree normally requiring 3 5 years of fulltime study. Post-bachelor's or post-	No	No	u/academics/programs/co mputer-forensics-bas https://www.metrostate.ed							
(IA) and Information Technology	Metropolitan State	St. Paul	No No	Yes	One year	baccalaureate certificate  Post-bachelor's or post-	No	No	u/academics/programs/info rmation-assurance-and https://www.metrostate.ed							
Computer Forensics  Information Assurance	Metropolitan State  Minneapolis Community	St. Paul	No No	Yes	One year	baccalaureate certificate Sub-bachelor's	No	No	u/academics/programs/co mouter-forensics-post https://mctc.decisionacade							
Professional  Computer Forensics	and Technical College  Minneapolis Community	Minneapolis  Minneapolis	No No	Yes Yes	One year  At least four or more years	postsecondary award  Associate's Degree such as	No No	No No	mic.com/Catalog/ViewCatal og.aspx?pageid=viewcatalo https://www.minneapolis.e							
Computer Forensics  Computer Security	and Technical College  Minneapolis Community	Minneapolis	No No	Yes Yes		AA, AS, and others Sub-bachelor's	No No	No No	du/computer-forensics https://mctc.decisionacade mic.com/Catalog/ViewCatal							
Specialist  Network Administration	and Technical College  Minnesota Community and	Minneapolis	No No	Yes Yes	One year  At least two but less than	postsecondary award  Associate's Degree such as	No No	No No	mic.com/Catalog/ViewCatal og.aspx?pageid=viewcatalo https://www.minnesota.ed u/programs/network-							
and Security  Network Security	Technical College  Minnesota Community and	Moorhead Moorhead, Online	No Yes	Yes Yes	four years One year	AA, AS, and others Sub-bachelor's	No No	No No	administration-security/ https://www.minnesota.ed u/programs/network-							
Information Security and	Technical College  Minnesota State University,	On-line	Yes	Yes	At least four or more years	postsecondary award Master's degree such as	No No	No No	security/ http://www.mnsu.edu/psm							
Risk Management  Information Technology	Mankato  Minnesota State University,	On-line	Yes	Yes	One year	MA, MS, and others Sub-bachelor's	No No	No No	/isrm/ https://grad.mnsu.edu/pro grams/bulletin/infotech.ht							
information Technology	Mankato	Un-line	Yes	Yes	One year	postsecondary award	No	No	grams/bulletin/infotech.ht ml							

Information Security	Minnesota West Community and Technical	Granite Falls	No	Yes	One year	Sub-bachelor's	No	No	http://www.mnwest.edu/p.
Management	College				,	postsecondary award			courses/list/computer-
Information Security Administration	Minnesota West Community and Technical	Granite Falls	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/p cograms:
Information Security	College Minnesota West					Sub-bachelor's			courses/list/computer- http://www.mnwest.edu/p.
Management	Community and Technical College	Jackson	No	Yes	One year	postsecondary award	No	No	rograms- courses/list/computer-
Information Security Administration	Minnesota West Community and Technical College	Jackson	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mwest.edu/p tograms: course/list/computer-
Information Security and Assurance	Minnesota West Community and Technical College	On-line	Yes	Yes		Associate's Degree such as AA, AS, and others	No	No	http://www.mnuest.edu/p togams:- course/list/commiter-
Cyber Security	Pine Technical and Community College	Pine City	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	ittp://pine.edu/programs/c compates-inforbet- seventhul
Cyber Security	Pine Technical and Community College	Pine City	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	tatio I faine edularingmentals  amates - 14/sches.  securitor (other securitor)
Fundamentals of Network Security	Riverland Community College	On-line	Yes	Yes	One year	Sub-bachelor's postsecondary award	No	No	Access for some reaction in the state of the
Cyber Security	Riverland Community College	Austin	No	Yes		Associate's Degree such as AA, AS, and others	No	No	terendia on securità in meterand edul securità per l'accionato del securità del sec
Fundamentals of Network Security	Riverland Community College	Austin	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	Access for a some accessionabile.  Interpt // www.interland.chg/ accessers/cyrograms/funda accessers/cyrograms/funda mentals-of-newsin-in- interestation-of-newsin-in- interestation-of-newsin- interestation-of-newsin-in- interestation-of-newsin- interestation-of-newsin-in- interestation-of-newsin- interestation-of-newsin- interestation-o
Cyber Security	St. Paul College	St. Paul	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://www.saintpaul.edu/ /proteurs/Pases/Cybersec. urbr. asoo.
Cyber Security	St. Paul College	St. Paul	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	teps://www.saintpaul.edu/ /programs/Pases/cybersec. utrh. asov
Information Systems	St. Cloud State University	St. Cloud	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3 5 years of fullOtime study.		No	This jaww stooudstate e du jargar ma firiformation- outeren (de alta a sew
Cybersecurity	St. Cloud State University	St. Cloud	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3 5 years of fullOtime study,	No	No	Streeting General Chanks   Thirty / I waw said Ordering Chanks   Multips / I waw said Ordering Chanks   Multips / I waw said Ordering Chanks   Multips / I was said Ordering C
Information Assurance	St. Cloud State University	St. Cloud	No	Yes	At least four or more ware	Master's degree such as MA, MS, and others	No	No	Jeses in Journal Anal.  Intelligence of the Committee of

	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Network/System Architecture, Configuration and	Storage, Data Backup, Disaster Recovery	Cloud	Network Support and Security	Telecommunications and Collaboration	Systems Analysis	Hardware Devices/Platforms	Virtualization	Monitoring (Alerting and Early Detection)
Cisco Certified Entry Networking Technician	Able Career Institute - IT	Golden Valley	N/A	No	4 Weeks	Industry-recognized or professional association	YES	YES	https://www.itcareerlab .org/job-seekers/	Configure and support IPv4 and IPv6 network	devices; create and	Introduction to OneDrive and Microsoft	Connect to a network; configure network	Brief discussion of Sharepoint; Discussion	Use of Windows Performance Monitors	Discuss and demonstrate techniques	Create and configure virtual machines using	Configure Windows monitoring and alerts;
Cisco Certified Network Associat		Golden Valley	N/A	No	12 Weeks	certification Industry-recognized or professional association	YES	YES	https://www.itcareerlab	settings: connect to a Configure a Network	Use of TFTP for switch and router configuration	Azure: overview of cloud	Iocations: Connect to a Troubleshooting the Network; Securing Site-	of OneDrive for		for design and build of Hands-on work with Cisco Routers and	Hyper-V on Windows 10 Introduction to virtualized and cloud	manage OS policies Monitoring the Network with System Logs and
	Career Lab	Golden valley	N/A	NO	12 Weeks	certification	TES	TES	.org/job-seekers/	a Small Network; Basic	hackun and recovery		to-site Connectivity			Switches: Proper Cable	services: hasir virtual	SNMP
Information and Telecommunications Technology Cloud Computing Network Speci Track		White Bear Lake	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1087	ı								
Information and Telecommunications Technology Network Security Specialist Trac	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1088									
Information and Telecommunications Technology Networking Specialist Track	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1089	L								
Storage Area Networking	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1150	L								
Networking Fundamentals	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.e du/preview program.ph p?catoid=5&poid=1118									
Cisco Networking	Hennepin Technical College	Eden Prairie	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Cisco Networking	Hennepin Technical College	Brooklyn Park	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Windows Networking	Hennepin Technical College	Brooklyn Park	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Linux Networking	Hennepin Technical College	Brooklyn Park	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Network Support Specialist	Hennepin Technical College	Brooklyn Park	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Cisco Networking	Hennepin Technical College	Brooklyn Park	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Windows Networking	Hennepin Technical College	Eden Prairie	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Linux Networking	Hennepin Technical College	Eden Prairie	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Network Support Specialist	Hennepin Technical College	Eden Prairie	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://hennepintech.s martcatalogiq.com/201 8-									
Cisco Network Technician	Hibbing Community College	Hibbing	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://hibbing.edu/acad emics/areas-of- study/computer-/-									
IP Telephony	Inver Hills Community College	Inver Grove Heights	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://www.inverhills.e du/DegreesAndProgram s/PPGs/2018-									
Network Administration and Security	Lake Superior College	Duluth	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://degrees.lsc.edu/ wp- content/uploads/2018-									
Computer Support & Network Administration	Minneapolis Community and Technical College	Minneapolis	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://www.minneapol is.edu/computer- support-network-									
Cisco Networking	Minnesota State College	Detroit Lakes	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://www.minnesota .edu/programs/cisco- networking/									
Cisco Networking	Minnesota State College	Wadena	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://www.minnesota .edu/programs/cisco- networking/									
Network Administration and Security	Minnesota State Community and Technical College	Moorhead	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.minnesota .edu/programs/network administration-security/									
Network Administration and Security	Minnesota State Community and Technical College	Wadena	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://www.minnesota. edu/programs/network- administration-security/									
Networking Technologies	Minnesota State University, Mankato	Mankato	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	https://cset.mnsu.edu/c is/academics/undergrad uate/CIT/CITProgram/ce									
IT Workplace Specialist	Minnesota West Community and Technical College Minnesota West	Canby	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.ed u/programs- courses/list/computer-it									
CISCO Networking	Community and Technical	Jackson	Yes	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.ed u/programs- courses/list/computer-									
CISCO Networking	College Minnesota West Community and Technical College	Granite Falls	Yes	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.ed u/programs- courses/list/computer-					_				
IT Workplace Specialist	Minnesota West Community and Technical College Minnesota West	Granite Falls	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.ed u/programs- courses/list/computer-it									
IT Workplace Specialist	Minnesota West Community and Technical College	Pipestone	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.ed u/programs- courses/list/computer-it http://www.mnwest.ed									
IT Workplace Specialist	Minnesota West Community and Technical College	Worthington	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.ed u/programs- courses/list/computer-it workplace-specialist- certificate									
Networking Specialist	Minnesota West Community and Technical College	Worthington	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://www.mnwest.ed si/programs- courses/list/computer- networking-specialist-as									
Networking Services	South Central College	North Mankato	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	http://ecatalog.southce ntral.edu/AAS%203277. php									
Cloud Computing and Virtualizat	ions South Central College	North Mankato	No	Yes	One Year	Certificate	No	Yes	http://ecatalog.southce ntral.edu/CERT3298.ph									

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Systems Analysis	Programming Languages	Software Development Life-Cycle	Interoperability of Systems	Performance Engineering	Web Design, Development and Management
Computer Information Systems	Alexandria Technical and Community College	Alexandria	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.alextech.edu/programs/co mputer-information-systems						
Software Development	Anoka Technical College	Anoka	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.anokatech.edu/ProgramsCo urses/InformationTechMgmt/SoftwareDe velopment.aspx						
Software Development	Anoka Technical College	Anoka	Yes, partial	Yes	One to two years	Sub-bachelor's postsecondary award	No	No	https://www.anokatech.edu/ProgramsCo urses/InformationTechMgmt/SoftwareDe						
Computer Science	Bemidji State University	Bemidji	No	Yes	Four years	Bachelor's or baccalaureate degree	No	Yes	velopment.aspx https://www.bemidjistate.edu/academics /departments/mathematics-computer-						
Computer Information	Bemidji State University	Bemidji	No	Yes	Four years	normally requiring 3-5 Bachelor's or baccalaureate degree	No	No	science/computer-science/ https://www.bemidjistate.edu/academics /departments/mathematics-computer-						
Systems Microsoft MCSD : Web Applications	CED Solutions	Bloomington, Duluth, Minneapolis, Rochester,	No	Non credit	15 days	normally requiring 3-5 Certificate	Yes	Pending	science/computer-science/ https://www.cedsolutions.com/1042/cert						
Certification Training Computer Information	Central Lakes College	St. Paul Brainerd	Yes, partial	Yes	At least two but less than	Associate's degree such	No	Yes	http://www.clcmn.edu/computer-						
Technology	-				four years  At least two but less than	as AA, AS, and others  Associate's degree such			information-technology-a-a-s-degree-2/ http://catalog.century.edu/preview_prog						
Computer Science	Century College	White Bear Lake	Yes, partial	Yes	four years	as AA, AS, and others	No	Pending	ram.php?catoid=5&poid=1016&returnto= 252 http://catalog.century.edu/preview_prog						
Internet Programming	Century College	White Bear Lake	Yes, partial	Yes	One Semester	Certificate	No	No	ram.php?catoid=5&poid=1094&returnto= 252						
Software Development	Dakota County Technica College	Rosemount	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.dctc.edu/academics/progra ms-majors/stem/software-development/						
Software Development	Dakota County Technica College	Rosemount	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.dctc.edu/academics/progra ms-majors/stem/software-development/						
Desktop Programming	Dakota County Technica College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dctc.edu/academics/progra ms-majors/stem/software-development/						
Web Programming	Dakota County Technica College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dctc.edu/academics/progra ms-majors/stem/software-development/						
Computer Science	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DegreesAndP rograms/ComputerScience/index.aspx						
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DegreesAndP rograms/ComputerScience/index.aspx						
Computer Information Technology	Metropolitan State University	St. Paul	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	Yes	https://www.metrostate.edu/academics/ programs/computer-information						
Software Development	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.minneapolis.edu/computer- software-development						
Software Development	Minneapolis Community and Technical College	Minneapolis	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.minneapolis.edu/computer- software-development						
Java Certificate	Minneapolis Community and Technical College		No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development						
Visual BASIC .NET Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development						
Visual C# Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development						
Database Specialist Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development						
Open Source Developer Certificate	Minneapolis Community and Technical College		No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development						
Computer Programming	Minnesota State Community and Technical College	Moorhead	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.minnesota.edu/programs majors.php?prog_code=165#/						
Computer Information Systems	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	Pending	https://www.mnstate.edu/computer- information-systems/courses.aspx						
Computer Information Technology	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree	No	Pending	https://www.mnstate.edu/computer- information-technology/courses.aspx						
Computer Science	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	normally requiring 3-5 Bachelor's or baccalaureate degree	No	Pending	https://www.mnstate.edu/computer- science/courses.aspx						
Computer and Information Technology	Minnesota West Community & Technical	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.edu/programs- courses/list/computer-and-information-						
Computer Engineering Technology	College Minnesota West Community & Technical	Jackson	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	technology-aas http://www.mnwest.edu/programs- courses/list/computer-engineering-						
Computer Engineering	College Minnesota West Community & Technical	Jackson	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	technology-aas http://www.mnwest.edu/programs- courses/list/computer-engineering-			1			
Computer Information	College Minnesota West Community & Technical	Worthington	No	Yes	At least two but less than	Associate's degree such	No	Pending	technology-diploma http://www.mnwest.edu/programs- courses/list/computer-information-						
Science  Computer Science	College Minnesota West Community & Technical		No	Yes	At least two but less than	Associate's degree such	No	Pending	science-aa http://www.mnwest.edu/programs-						
TO THE PERSON NAMED IN COLUMN	College				four years	as AA, AS, and others		Tending	courses/list/computer-science-as						

nandale Commi College

Computer Science

At least two but less than four years

Yes

No

Associate's degree such as AA, AS, and others

http://www.normandale.edu/catalog/pro grams-of-study/minnesota-state-transferpathway-degrees/computer-sciencetransfer-pathway-(as)--60-credits

Pending

Computer Technology	Normandale Community	Bloomington	No	Yes	At least two but less than	Associate's degree such	No	Pending	http://www.normandale.edu/catalog/pro grams-of-study/associate-of-applied-
Computer recuirology	College	biodillington	NO	ies	four years	as AA, AS, and others	NO	rending	science/computer-technology-(aas)60- credits
Computer Technology	Normandale Community College	Bloomington	No	Yes	One Semester	Certificate	No	Pending	http://www.normandale.edu/catalog/pro grams-of-study/certificate- programs/computer-technology- certificate12-17-credits
Computer Science	North Hennepin Community College	Brooklyn Park	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.nhcc.edu/academic- programs/degrees-and- certificates/computer-science
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/academics/areas- of-study/information-technology/web- programming-program/
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/academics/areas- of-study/information-technology/web- programming-program/
Web Programming	Ridgewater College	Willmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/academics/areas- of-study/information-technology/web- programming-program/
Web Programming	Ridgewater College	Willmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/academics/areas- of-study/information-technology/web- programming-program/
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/academics/areas- of-study/information- technology/computer-programming- program/
Computer Programmer	Ridgewater College	Willmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/academics/areas- of-study/information- technology/computer-programming- program/
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/academics/areas- of-study/information- technology/computer-programming- program/
Computer Programmer	Ridgewater College	Willmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/academics/areas- of-study/information- technology/computer-programming- program/
JAVA Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One Semester	Certificate	No	Pending	https://ridgewater.edu/academics/areas- of-study/information- technology/computer-programming- program/
JAVA Computer Programmer	Ridgewater College	Willmar	Yes, partial	Yes	One Semester	Certificate	No	Pending	https://ridgewater.edu/academics/areas- of-study/information- technology/computer-programming- program/
Computer Technology	Riverland Community College	Albert Lea	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/pr ograms/computer-technology- aas/description/
Computer Technology	Riverland Community College	Austin	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/pr ograms/computer-technology- aas/description/
Computer Technology	Riverland Community College	Owatonna	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/pr ograms/computer-technology- aas/description/
Computer Information Systems	Rochester Community and Technical College	Rochester	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.rctc.edu/program/comp/pr ogram-plans/
Computer Science	Rochester Community and Technical College	Rochester	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.rctc.edu/program/comp/pr ogram-plans/
Computer - Management Information Systems	Saint Paul College	Saint Paul	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu/programs/Pa ges/management-information- systems.aspx
Computer Programming	Saint Paul College	Saint Paul	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu/programs/Pa ges/computer-programming.aspx
JAVA Programming Certificate	Saint Paul College	Saint Paul	Yes, partial	Yes	One Semester	Certificate	No	Pending	https://www.saintpaul.edu/programs/Pa ges/java-programming.aspx
Information Systems	South Central College	Faribault	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Information Systems	South Central College	Mankato	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Information Systems	South Central College	Faribault	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Information Systems	South Central College	Mankato	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Networking Services	South Central College	Faribault	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Networking Services	South Central College	Mankato	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Networking Services	South Central College	Faribault	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Networking Services	South Central College	Mankato	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Web Programmer	South Central College	Faribault	No	Yes	One Semester	Certificate	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html
Web Programmer	South Central College	Mankato	No	Yes	One Semester	Certificate	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html

Computer Networking and Applications	St. Cloud State University	St. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.stcloudstate.edu/programs/ computer-networking- applications/default.aspx
Computer Science	St. Cloud State University	St. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No		https://www.stcloudstate.edu/programs/ computer-science/default.aspx
Computer Programming	St. Cloud Technical and Community College	St. Cloud	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.sctcc.edu/degrees- programs/computer- programming/computer-programmer- aas-71-credits

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Communications, Systems, Network	Forensics and Investigations	Asset Security	Identity, Access Management	Disaster Recovery, Business Continuity	Security Engineering and Operation	Security Assessment and Testing	Application Security	Data Security
Cybersecurity, Virtualization, &	Alexandria Technical and Community College	Alexandria	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.alextech.edu /programs/cybersecurity-	Yes	Yes	No	Yes	No	Yes	Yes	No	No
Networking Information Technology Management	Anoka Technical College	Anoka	No	Yes	At least two but less than four years	Associate's degree such as	No	Yes	http://www.anokatech.ed u/ProgramsCourses/Infor	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Information Assurance and Security	Capella University	Minneapolis	Online	Yes	Four years	Bachelor's or baccalaureate degree	No	No	mationTechMemt.asox https://www.capella.edu/o nline-degrees/bachelors-									
Specialization  Computer Information	Central Lakes College	Brainerd	Online	Yes	At least two but less than	normally requiring 3-5 Associate's degree such as AA, AS, and others	No	Yes	information-assurance- http://www.clcmn.edu/co mputer-information-	Yes	No	No	Yes	No	No	Yes	Yes	No
Technology  Computer Information	Central Lakes College	Brainerd	No	Yes	four years  At least two but less than	Associate's degree such as	No	No	technology-a-a-s-degree- http://www.clcmn.edu/co mputer-information-									
Technology  Cybersecurity,  Virtualization, and	Century College	White Bear Lake	Yes, Partial	Yes	At least two but less than	AA, AS, and others  Associate's degree such as	No	Pending	technology-a-a-s-degree- http://catalog.century.edu									
Forensics, Cybersecurity Cybersecurity, Virtualization, and		White Bear Lake	Yes, Partial	Yes	four years  At least two but less than	AA, AS, and others  Associate's degree such as	No	Pending	/preview program.php?ca toid=5&poid=1026 http://catalog.century.edu									
Forensics, Digital Intrusion Detection &	Century College		-		four years	AA, AS, and others Sub-bachelor's			/preview_program.php?ca toid=5&poid=1027 http://catalog.century.edu									
Incident Handling Certificate  Digital Forensics Analysis	Century College	White Bear Lake	Yes, Partial	Yes	One year	postsecondary award Sub-bachelor's	No	No	/oreview_program.php?ca toid=5&poid=1095&return http://catalog.century.edu									
and Techniques Certificate Reverse Engineering	Century College	White Bear Lake	Yes, Partial	Yes	One year	postsecondary award	No	No	/preview_program.php?ca toid=5&poid=1033&return http://catalog.century.edu									
Malware Analysis and Techniques	Century College	White Bear Lake	Yes, Partial	Yes	One year	Sub-bachelor's postsecondary award	No	No	/preview_program.php?ca toid=5&poid=1145&return http://catalog.century.edu									
Cybersecurity Analysis and Techniques	Century College	White Bear Lake	Yes, Partial	Yes	One year	Sub-bachelor's postsecondary award	No	No	/preview_program.php?ca toid=5&poid=1024&return									
IT Security and Audit Control	Century College	White Bear Lake	Yes, Partial	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu /preview_program.php?ca toid=5&poid=1097&return									
Cloud Computing & Virtualization Security, Cloud Computing Track	Century College	White Bear Lake	Yes, Partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://catalog.century.edu /preview_program.php?ca toid=5&poid=1009									
Cloud Computing & Virtualization Security, Cloud Security and System	Century College	White Bear Lake	Yes, Partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://catalog.century.edu /preview_program.php?ca toid=5&poid=1010									
Cloud Security Virtualization Forensics	Century College	White Bear Lake	Yes, Partial	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu /preview_program.php?ca toid=5&poid=1012&return			-						
Cloud Computing	Century College	White Bear Lake	Yes, Partial	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.edu /preview_program.php?ca toid=5&poid=1011&return									
Network Administrator/Analyst	Hennepin Technical College	Brooklyn Park	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://hennepintech.smar tcatalogiq.com/en/2018- 2019/Catalog/Degrees-and-									
Network Administrator/Analyst	Hennepin Technical College	Eden Prairie	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://hennepintech.smar tcatalogiq.com/en/2018-									
IT/Networking	Herzing University	Minneapolis	Online	Yes	Four years	Bachelor's Degree	No	No	2019/Catalog/Degrees-and- https://www.herzing.edu/t echnology/information-									
Cybersecurity	Herzing University	Minneapolis	Online	Yes	Four years	Bachelor's Degree	No	No	technology-degree https://www.herzing.edu/t echnology/cybersecurity-									
CISCO Network Technician	Hibbing Community College	Hibbing	No	Yes	1 year	Sub-bachelor's postsecondary award	No	Pending	degree http://hibbing.edu/acade mics/areas-of-									
IT Networking and	Hibbing Community	Hibbing	No	Yes	At least two but less than	Sub-bachelor's	No	Pending	study/computer-/-it/cisco- http://hibbing.edu/acade mics/areas-of-									
Security  Network Technology and	College Inver Hills Community	Burnsville	No	Yes	At least two but less than	postsecondary award Associates Degree	No	Pending	study/computer-/-it/it- https://www.inverhills.edu /DegreesAndPrograms/ITC									
Advanced Network	College Inver Hills Community	Burnsville	No	Yes	four years  1 semester	Sub-bachelor's	No	Pending	areers/index.asox#/certs https://www.inverhills.edu /DegreesAndPrograms/ITC									
Security Certificate  Computer Forensics	College Metropolitan State	St. Paul	No	Yes	Four years	postsecondary award  Bachelor's Degree	No	Pending	areers/index.aspx#/certs https://www.metrostate.e									
Computer Information	University  Metropolitan State				-	-		Pending	du/academics/programs/c omputer-forensics-bas https://www.metrostate.e									
Technology (with minor is computer forensics) Computer Information	University  Metropolitan State	St. Paul	No	Yes	Four years	Bachelor's Degree	No		du/academics/programs/c omputer-information https://www.metrostate.e									
Technology (cybersecurity minor)	University  Minneapolis Community	St. Paul	No	Yes	Four years  At least two but less than	Bachelor's Degree Associate's degree such as	No	No	du/academics/programs/c omputer-information https://www.minneapolis.									
Computer Forensics  Cyber and Information	and Technical College	Minneapolis	No	Yes	four years  At least two but less than	AA, AS, and others	No	Yes	edu/computer-forensics http://www.southeastmn.	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes
Security	MSC Southeast	Red Wing/Winona	Online	Yes	four years	Associate's degree such as AA, AS, and others	No	Pending	edu/academic programs/ program/Default.aspx?oid http://www.southeastmn.									
Network Administration and Technology	MSC Southeast	Winona	No	Yes	One year	Sub-bachelor's postsecondary award	No	Pending	edu/academic_programs/_ orogram/Default.asox?oid									
Network Administration and Technology	MSC Southeast	Winona	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	http://www.southeastmn. edu/academic programs/ program/Default.aspx?pid									
Computer Information Systems (CSIS)	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's Degree	No	Pending	https://www.mnstate.edu /computer-information- systems/courses.asox									
Computer Information Technology (CSIS)	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's Degree	No	Pending	https://www.mnstate.edu /computer-information- technology/courses.asox									
Computer Science (CSIS)	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's Degree	No	Pending	https://www.mnstate.edu /computer- science/courses.aspx									
Computer Information Security Management	Minnesota West Community & Technical College	Granite Falls	Online	Yes	1 semester	Sub-bachelor's postsecondary award	No	Pending	http://www.mnwest.edu/ programs- courses/list/computer-									
Computer Information Security Management	College Minnesota West Community & Technical College	Jackson	Online	Yes	1 semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/ programs- courses/list/computer-									
Information Security and Assurance (CST)	Minnesota West Community & Technical	Worthington	Online	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	http://www.mnwest.edu/ programs-	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes
Cyber Security Specialist	College Ridgewater College	Hutchinson	Online	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	courses/list/computer- https://www.ridgewater.e du/academics/areas-of-									
Cyber Security Specialist	Ridgewater College	Hutchinson	Online	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	study/information- https://www.ridgewater.e du/academics/areas-of-									
Computer Technology	Riverland Community	Albert Lea	Online	Yes	At least two but less than	Associate's degree such as	No	Pending	study/information- https://www.riverland.edu /academics/programs/com									
(CPRO)	College	Andrew See	O.III.C	163	four years	AA, AS, and others		Tending	puter-technology-									

Computer Technology (CPRO)	Riverland Community College	Austin	Online	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu /academics/programs/com puter-technology-					
Computer Technology (CPRO)	Riverland Community College	Owatonna	Online	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu /academics/programs/com nuter-technology-					
Computer - Management Information Systems (CSCI)	Saint Paul College	St. Paul	Online	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu /programs/management- information-systems					
Computer Network Engineering (CSCI)	Saint Paul College	St. Paul	Online	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu /programs/computer- networking-careers					
Network Administration	Saint Paul College	St. Paul	Online	Yes		Sub-bachelor's postsecondary award	No	Pending	https://www.saintpaul.edu /programs/computer- networking-careers					
Computer Programming (CSCI)	Saint Paul College	St. Paul	Online	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu /programs/computer- programming					
Computer Science (CSCI)	Saint Paul College	St. Paul	Online	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu /programs/computer- science					
CyberSecurity (CSCI)	Saint Paul College	St. Paul	Online	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu /programs/cybersecurity					
Computer Science	St. Cloud State University	St. Cloud	No	Yes	Four years	Bachelor's Degree	No	Pending	https://catalog.stcloudstat e.edu/~/Catalog/ViewCatal og.aspx?pageid=viewcatal					
Cybersecurity	St. Cloud State University	St. Cloud	No	Yes	Four years	Bachelor's Degree	No	No	https://catalog.stcloudstat e.edu/~/Catalog/ViewCatal og.aspx?pageid=viewcatal					
Information Assurance	St. Cloud State University	St. Cloud	No	Yes	1 year	Masters	No	Pending	https://catalog.stcloudstat e.edu/~/Catalog/ViewCatal og.aspx?pageid=viewcatal					
Computer Science	University of St. Thomas	St. Paul	No	Yes	Four years	Bachelor's Degree	No	No	https://www.stthomas.ed u/catalog/current/cisc/					

Program	Technological	Location	Online	Credit	Duration	Credential	Augustion (CC)	Commission	100	And the freeze to the	Software Analysis and		Service Oriented		Object Orientated	0-1-1	Manufacture Control	Data Structures &	Occupies fortune	net district	Providence of Passaglian	Software Development Life
	Able Career Institute - IT Career						инсраприн	Competenciessusped	UNL	asin shers scoping someone recong	Design	Programming	Architectures	toge	Programing	Databases	version Control	Algorithms	Operating systems	Unitied Modeling Language	knowledge of Encryption	Cycle Chert/server architecture
Cisco Certified Entry Networking Technician	Able Career Institute - IT Career Lab	Golden Valley	No	No	4 Weeks	Industry-recognized or professional association certification	Yes	Yes	https://www.itcareerlab.org/sob-seekers/													
Cisco Certified Network Associate	Able Career Institute - IT Career Lab	Golden Valley	No	No	12 Weeks	Industry-recognized or professional association certification	Yes	Yes	https://www.itcareerlab.org/lob-seekers/													
Computer Information Systems	Alexandria Technical and Community College	Alexandria	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	information-systems													
Information Technology Management	Anoka Technical College	Anoka	No	Yes	At least two but less than four years		No	Yes	http://www.anokatech.edu/~/link.aspx?_id=2A3C ZS15494647009A43C913CA6628988_ptg	Yes Yes	Yes	Yes	Yes									
Software Development	Anaka Technical College	Anoka	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.anokatech.edu/Proerams/curuss/in formationTechMent/SoftwareDevelopment.aups													
Software Development	Anaka Technical College	Anoka	Yes, partial	Yes		Sub-bachelor's postsecondary award	No	No	https://www.anokatech.edu/ProgramsCourses/informationTechMent/SoftwareDevelopment.asps													
Computer Information Systems	Bernidji State University	Bernidji	No	Yes	Four years	Bachelor's or baccalaumate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	No	https://www.bernidistate.edu/scademics/depart ments/mathematics.computer-science/computer													
Computer Science	Bernidji State University	Bernidji	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Yes	https://www.bemidistate.edu/scademics/depart ments/mathematics-computer-science/computer-													
Microsoft MCSD : Web Applications Certification	CED Solutions	Bloomington, Duluth, Minneapolis, Rochester, St.	No	Noncredit	15 days	BA BS and others Certificate	Yes	Pending	hetor //www.cednolutions.com/1042/certificatio													
Training Computer Information Technology	Central Lakes College	Paul Brainerd	Yes, partial	Yes		Associate's degree such as AA, AS, and others	No	Yes	atto //www.clom.edu/computer-information.													
Computer Support Specialist	Central Lakes College	Brainerd	No	Yes		Sub-bachelor's postsecondary award	No.	No	http://www.clomn.edu/computer-support_													
Community Technology	Central Lakes College	Brainerd/Online	No	Yes		Associate's degree such as AA, AS, and others		Yes	Mažašci e (Milds Meilišk tešekizi) http://www.cimn.edu/computer-information													
(COMP)	-						No.	Pending	technology a-a-s-degree-2/	146 166	146	Tes	146									
Computer Science (CSCI) Information and Telecommunications	Century College	White Sear Lake	No	Yes		Associate's degree such as AA, AS, and others	No		acience													
Technology	Century College	White Sear Lake	No	Yes		Associate's degree such as AA, AS, and others	No	No	and telecommunications technology													
Internet Programming	Century College	White Sear Lake	Yes, partial	Yes		Certificate	No	No	http://cstalog.century.edu/preview_program.php 2cstoid=56ooid=10968cetumto=252													
Desktop Programming	Dakota County Technical College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dcts.edu/academics/programs- majors/stem/software-development/													
Software Development	Dakots County Technical College	Rosemount	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.dcts.edu/scademics/programs- majors/stem/software-development/													
Software Development	Dakota County Technical College	Rosemount	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.dctc.edu/scademics/programs- majors/stem/software-development/													
Web Programming	Dakota County Technical College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dctr.edu/academics/programs- majors/stem/software-development/											-		
Service Improvement	Global Knowledge Training LLC	Online	Yes	No	×	Certificate	Yes	Pending	https://www.elohalknowledge.com/us- en/hainina/course-catalos/hrands/HSI/													
IT Service Desk Technician	Hennepin Technical College	Brooklyn Park	No	Yes		Sub-bachelor's postsecondary award	No	Yes	https://hernegistach.smartcatalogia.com/2018- 2019V.stalog/Degrees.and-Programs/Business-	Yes Yes	Yes	No	Yes									
IT Service Desk Technician	Hennepin Technical College	Eden Prairie	No	Yes		Sub-bachelor's postsecondary award	No	No	and Information-Technology/Information- https://heonepintech.smartcatalogic.com/2018- 2019/Catalog/Degrees-and-Pograms/Business-													
IT Support Associate	Hennepin Technical College	Brooklyn Park	No	Yes	At least two but less than four years		No.	No	and-information-Technology/Information  https://hemepintech.smarkatalogis.com/en/201  5.2019/Catalog/Nerross.and-Property													
IT Support Associate				Yes			No		and information Technology/Information- https://hernepintech.smartcatalogiq.com/en/201													
	Hennepin Technical College	Eden Prairie	No		At least two but less than four years			No	§ 2019/Catalon/Verrees and Programs/Eusiness- end Information, Turboninas/Information, https://bennepintech.umarkatalogia.com/2018-													
IT Support Specialist	Hennepin Technical College	Brooklyn Park	No	Yes		Sub-bachelor's gostsecondary award	No	No	2019/Catalog/Degrees-and-Programs/Business- and-Information-Technology/Information- letters//businesisters/supersystologic.com/2016.													
IT Support Specialist	Hennepin Technical College	Eden Prairie	No	Yes		Sub-bachelor's gostsecondary award	No	No	2019/Catalog/Degrees-and-Programs/Nucleus- and-information-Technology/Information-													
Cisco Network Technician	Hibbing Community College	Hibbing	No	Yes		Sub-bachelor's postsecondary award	No	No	http://hibbins.edu/scademics/areas-of- studu/computer-/-8/cisco-network-technician													
IT Networking and Security	Hibbing Community College	Hibbing	No	Yes		Sub-bachelor's postsecondary award	No	Pending	http://hibbing.edu/scademics/areas.of- study/computer-/-it/it-networking-and-security													
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DegreesAndPrograms/ ComputerScience-Endex.supp													
Computer Science	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DemesAndPrograms/ ComputerScience-Endex.aspg													
Computer Science	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.inverhills.edu/DepresshadPrograms/ ComputerScience-lindex.aspg	Yes No	Yes	No	Yes									
Cisco Certifications	Knowledge Peak	Bloomington	No	No		Sub-bachelor's postsecondary award	Yes	Pending	http://www.kpeak.com/training-certifications/cisco.													
Computer information Technology	Metropolitan State University	St. Paul	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Yes	https://www.metrostate.edu/scademics/program													
Computer information Technology	Metropolitan State University	St. Paul	No	Yes	Four years	BA BS and others Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	No	https://www.metrostate.edu/academics/orceram													
Computer Information Technology	Metropolitan State University	St. Paul	No	No	Four years	BA BS and others Bachelor's or baccalaureate degree normally requiring 2-5 years of fulltime study, such as	No	Yes	https://www.metrostate.edu/academics/grogram	No. No.	Yes	No	Mo									
Technology  Computer Science	Metropolitan State University	St. Paul	No	Yes		BA BC and others  Professional Graduate Degree		No	https://www.metrostate.edu/academics/program				_									
Computer Science	Metropolitan State University	St. Paul	No.	Yes	Two Years	Graduate Degree	NO.	No.	s/computer-science-pum https://www.metrostate.edu/scademics/orperam													
							No.		s/computer-science-ms https://www.minnespolis.edu/computer-support-													
Cisco Network Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes		Sub-bachelor's postsecondary award	No	No	activo is administration													
Computer Support and Network Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes		Sub-bachelor's postsecondary award	No	No	network-administration													
Computer Science	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years		No	Pending	https://www.minnespolis.edu/computer-science													
Computer Software Development (ITEC)	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years		No	Pending	https://www.minnespolis.edu/computer- politicare-development													
Computer Support and Network Administration orders	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.minneapolis.edu/computer-support- network-administration													
Database Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	https://www.minneapolis.edu/computer-support- detwork-administration													
Database Specialist Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development													
Java Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development													
Linux Network Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	https://www.minneapolis.edu/computer-support- network-administration													
Open Source Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes		Certificate	No	No	https://www.minneapolis.edu/computer-													
Software Development	Technical College  Minneapolis Community and Technical College	Minneapolis	No	Yes		Associate's degree such as AA, AS, and others	No	No	astructe-development  https://www.minnessolis.edu/comouter-													
Software Constraint	Technical College  Minneapolis Community and Technical College	Minneapolis	No	Yes		Sub-bachelor's postsecondary award	No	No	software-development  https://www.minnes.polis.edu/computer-													
Visual BASIC .NET							No No		software-development https://www.minneapolis.edu/comouter-													
Visual BASIC .NET Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters		No	No	asfluore-development  https://www.minneapolis.edu/computer-													
Visual C# Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters		No	No Yes	software-development													
Computer Engineering Technology	Minnesota State College - Southeast Technical	Winona	No	Yes	At least two but less than four years		No		http://www.southeastron.edu/academic_oroara ms/_oroaram/default_aspx?nid=88	Yes Yes	Yes	No	Yes									
IT Support	Minnesota State College - Southeast Technical	Red Wing	Yes	Yes	At least two but less than four years		No	No	http://www.southeastmn.edu/academic_orosts ms/_program/Default.aspx?pid=14													
IT Support	Minnesota State College - Southeast Technical	Red Wing	Yes	Yes		Sub-bachelor's postsecondary award	No	No	http://www.southeastmn.edu/academic_grogra gs/_crosram/Default.assx/bid=14													
Network Administration & Technology	Minnesota State College - Southeast Technical	Winona	No	Yes		Associate's degree such as AA, AS, and others	No	Pending	http://www.southeastmn.edu/scademic_crosss ms/_program/Default.assa/Joid=22													
Network Administration & Technology	Minnesota State College - Southeast Technical	Winona	No	Yes		Sub-bachelor's postsecondary award	No	Pending	http://www.squtheastmn.edu/academic_grosss gs/_program/Default.asgs/Inid=22											-		
Network Administration & Technology - Microsoft	Minnesota State College - Southeast Technical	Winona	No	Yes	One Semester	Sub-bachelor's postsecondary award	No	Pending	http://www.southeastmo.edu/academic_orosts ms/_program/Default.asps/pid=22													
Computer Programming	Minnesota State Community and Technical College	Moorhead	Yes, partial	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.minnesota.edu/programs_majors.ph													
	Lechnical Coege			L	10ur years				2000 Lode-2008		l		l	l	l			1		1		

Computer information	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Pending	https://www.mestate.edu/computer-information- potems/course.asps					
Junio .	Minnesota State University					requiring 3-5 years of fulltime study, such as BA AES, and others Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA AES and others Bachelor's or baccalaureate degree normally			https://www.mestate.edu/computer-information-			<b>-</b>		_
Systems (CSIS)	Moorhead Moorhead	Moorhead	No	Yes	Four years	requiring 3-5 years of fulltime study, such as	No	Pending	sustants/courses aspe					
Computer Information	Minnesota State University	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as		Pending	https://www.mestate.edu/computer-information-					$\overline{}$
Technology	Moorhead	Moornead	NO	165	Four years		No.	Pending	technology/courses asox					_
Computer Information Technology (CSIS)	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Pending	https://www.mestate.edu/computer-information- technology/courses.aspx					
Computer Science	Minnesota State University	Moorhead	No	Yes	Four years	Bia BC and others  Blackelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Pending	https://www.mestate.edu/computer-					_
Computer Science	Moorhead	Moorhead	No	Yes	Four years		No	Pending	prience/courses aux					
Computer Science (CSIS)	Minnesota State University Moonhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Pending	https://www.mestate.edu/computer-					
						BA. BS. and others			http://www.mnasst.edu/mneramo.					1
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course first computer technology workplace					
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/programs					
Workplace Ready	Technical College	Ganse Hall	Tes	165	One semester	Sub-dacheror's postsecondary award	A.o	163	reads-certificate					
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course, first/computer-technology-workplace-					
(Computer) Technology									http://www.mnwest.edu/programs			-	-	
Workplace Ready	Minnesota West Community & Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	courses first computer-technology-workplace- ready-certificate					
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- courses/list/computer-technology-workplace-					
									reade-certificate					
Computer and Information Technology	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	course,firt/computer and-information					
Computer and Information Technology (CSCI) Computer Engineering Technology	Minnesota West Community &	Worthington	No	Yes	At least two but less than	Associate's degree such as AA, AS, and others	No	Pending	Mito / / www.mitwest.edu/orosrams					
(CSCI)	Minnesota West Community & Technical College	wortnigton	NO	165	At least two but less than four years	Autocase's degree such as AA, AS, and others	A.o	Pending	technology-eas					
Computer Engineering	Minnesota West Community & Technical College	Jackson	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.edu/programs- courses/iss/computer-engineering-technology-					
Computer Engineering									http://www.mnwest.edu/programs			-	-	
Technology	Minnesota West Community & Technical College	Jackson	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	course first computer engineering technology.					
Computer Engineering Technology	Minnesota West Community & Technical College	Jackson	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mowest.edu/orgerang.					
Technology									M1					
Computer Engineering Technology	Minnesota West Community & Technical College	Jackson	No	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		course, firth computer-engineering-technology		1		'	
	Minnesota West Community & Technical College				At least two but less than four years				http://www.cowest.edu/orostame-				·	
Computer Information Science		Worthington	No	Yes		Associate's degree such as AA, AS, and others	No	Pending	course,fist/computer-information-science-as					
Computer Information Science (CSCI)	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mouset.edu/orograms		1			
									http://www.mnaust.edu/mnarar-	_	<del>                                     </del>	1	1	
Computer Networking Specialist (CST)	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	courses first/computer networking specialist-as		1		1	
Computer Science	Minnesota West Community & Technical College	Worthington	No	Yes	As boost trees both book there	Associate's degree such as AA, AS, and others	No	Pending	http://www.mount.edu/orosramo					
Computer Science (CSCI)	Minnesota West Community & Technical College	Worthington	No	Yes	four years At least two but less than four years At least two but less than	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest-edu/programs-				,	
Computer Science (CSCI)	Minnesota West Community & Technical College Minnesota West Community & Vestorial College	Worthington	No	Yes	At least two but less than	Associate's degree such as AA, AS, and others	No No		http://www.unitedate-commo-us-				·	
Computer Specialist	Technical College Minnesota West Community & Technical College	Worthington	No.	Yes	four years At least two but less than four years	Associate's degree such as AA, AS, and others	No.	Pending Pending	course, fist/computer-science-as http://www.mowest.edu/ocoerams					
Computer Support -	Technical College								ttp://www.mnwest.edu/programs-					
Computer Maintenance & Regain	Minnesota West Community & Technical College	Granite Falls	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	course first computer support computer- maintenance-a-regain-certificate					
Computer Support - Computer Maintenance &	Minnesota West Community & Technical College	Jackson	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/orgeramo- courses/list/computer-support-computer-					
Regair									maintenance-a-regain-certificate http://www.mnwest.edu/programs-					
Computer Support Technician	Minnesota West Community & Technical College	Granite Falls	No	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No	No	courses first computer support-technician-					
Decktop Support Specialist	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/programs-					
									pourses first/desistato support-specialist certificate					
Desktop Support Specialist	Minnesota West Community & Technical College	Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mmwest.edu/orgeramo. courses/list/desktop-support-specialist-certificate					
Decktop Support Specialist	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's gostsecondary award	No	No	http://www.mowest.edu/occerams					
									courses first desiston support specialist certificate					
Decktop Support Specialist	Minnesota West Community & Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- courses/int/desktop-support-specialist-certificate					
Desktop Support Specialist	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/orosramo.					
Decktop Support Specializ		warningen	101	165	One semester	Sub-dacheror's postsecondary aware	A.O	163	course,firs/desktop-support-specialist-certificate					
IT Workplace Assistant	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course first computer it workplace assistant.					
IT Workplace Assistant		Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	thin / leave meest edulorement course, list/computer-it-warkplace-assistant-					
II werepace Ametant	Minnesota West Community & Technical College	GSNS HIL	Tes	165	Une semester	Sub-dacheror's postsecondary aware			certificate					
IT Workplace Assistant	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course fish computer it workplace assistant.					
IT Workplace Assistant	Minnesota West Community & Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.rnwest.edu/programs-				<b>—</b>	
IT Workplace Assistant	Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	certificate					
IT Workplace Assistant	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course, flist/computer-it-workplace-assistant-					
									http://www.mnwest.edu/programs-					
IT Workplace Specialist	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course flat computer it workplace-specialist- certificate					
IT Workplace Specialist	Minnesota West Community & Technical College	Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- courses/list/computer-it-workplace-specialist-					
									certificate					
IT Workplace Specialist	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	pourses first computer it workplace-specialists					
(T Workelera Sparialist	Minnesota West Community &		Yes	Yes	One Semester	Sub-bachelor's postsecondary award			http://www.rnowest.edu/programs					
er workplace Specialist	Minnesota West Community & Technical College	Pipestone	Yes	785	Une semester	www.netors.gottsecondary.award	No	No	certificate		ļ	<u> </u>		
IT Workplace Specialist	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course, first/computer it workplace-specialist		1			
Telecommunications			No						http://www.mowest.edu/orograme-		1	<b>†</b>		
Telecommunications	Minnesota West Community & Technical College	Granite Falls	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	course, fist/telecommunications-certificate					
Telecommunications	Minnesota West Community & Technical College	Jackson	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/programs		1			
Telecommunications (CST)	Technical College Minnesota West Community &							***	http://www.mowest.edu/orgerans-	_	1	<del>                                     </del>	<b> </b>	
	Minnesota West Community & Technical College Minnesota West Community &	Granite Falls	No	Yes	At least two but less than four years At least two but less than	Associate's degree such as AA, AS, and others	No	No Pending	courses first/telecommunications-ass http://www.mowest.edu/coeram-	-	<del> </del>	1	-	i
Telecommunications (CST) Computer Network	Technical College	Jackson	No	Yes	four years	Associate's degree such as AA, AS, and others	No	Pending	course first helecommunications ass					
	Network Training Institute	Saint Paul	Online	No		Certificate	No	ks	advanced/ No	No	No	Yes	Tes.	
Computer Network Training - Entry Computer Network	Network Training Institute	Saint Paul	Online	No		Sub-bachelor's postsecondary award	No	No	https://networktraininginstitute.org/cst-antru/	Yes	Yes	Yes	Yes	
Training - Intermediate	Network Training Institute	Saint Paul	Online	No	25 weeks	Sub-bachelor's postsecondary award	No	No No	Interrediate/	No	No	Yes	Yes	1
Cisco Communications	New Horizons	Eagan	Online	No		Certificate	Yes		https://www.newhorisons.com/courses-and- centifications/technical-courses/cisco https://www.newhorisons.com/courses-and-		ļ	<b></b>	<b> </b>	
CompTIA Mobility +	New Horizons	Eagan	Online	No	One Semester	Certificate	Yes	Pending	certifications/technical-courses/cisco		ļ	<b></b>	<b> </b>	
Microsoft SharePoint Server 2010/CompTIA	New Horizons	Eagan	Online	No	16 hours	Certificate	Yes	Pending	https://www.neurhorispre.com/courses-and- certifications/technical-courses/cisco				1	
Mobility+ Certification									isto //www.normandale.edu/ratalos/programs				T	
				Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	of study/minnesota-state-transfer-pathway, degrees/computer-science-transfer-pathway-lasi-		1		'	
Computer Science	Normandale Community College	Bloomington	No	165	tour years					1				
	Normandale Community College								http://www.normandale.edu/rataloe/programs-					
Computer Science  Computer Science (CSCI)	Normandale Community College  Normandale Community College	Bloomington Bloomington	No No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	do create http://www.normandale.edu/cataloe/programs_ of-stad/princesots-state-transfer-pathway- desress/computer-science-transfer-pathway-dash-					ŀ
Computer Science (CSCI)		Bloomington	No	Yes	At least two but less than four years				Astronomy commandate edulicatalog/arcerams     Stately/mineracts date-transfer-pathway     desress/compare-science-transfer-pathway     desress/compare-science-transfer-pathway     desress/compare-science-transfer-pathway     desress/compare-science-transfer-pathway     desress/compare-science-transfer-pathway     desress/compare-science-transfer-pathway					ł
					At least two but less than four years	Associate's degree such as AA, AS, and others  Associate's degree such as AA, AS, and others	No No	Pending Pending	All relations are commanded and of stational tensor areas; of station from an extraordinal and areas areas; of station from a station and a station and a station of a station and a s					
Computer Science (CSCI)	Normandale Community College	Bloomington	No	Yes				Pending	technology-(ass)—(O-credity					
Computer Science (CSCI)	Normandale Community College	Bloomington	No	Yes	At least two but less than four years		No		The first and accountable and relative former pro- ceeding and accountable and relative former pro- lative former and account for particular pro- pages and account and accountable and accountable and accountable and accountable and accountable programs.  In the former process and accountable accountable programs accountable accountable accountable accountable accountable accountable accountable accountable programs accountable accountable accountable accountable programs accountable accountabl					
Computer Science (CSCI)  Computer Technology  Computer Technology	Normandale Community College	Bloomington Bloomington	No No	Yes Yes	At least two but less than four years  At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	technology-(ass)—(O-credity					
Computer Science (CSCI)  Computer Technology  Computer Technology	Normandale Community College	Bloomington Bloomington	No No	Ves Ves	At least two but less than four years  At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	technology-(ass)—(O-credity					
Computer Science (CSCI)  Computer Technology  Computer Technology  Computer Technology  Computer Technology	Normandale Community College	Bloomington Bloomington Bloomington	No No	Yes Yes	At least two but less than four years  At least two but less than four years  One Semester  Cine Semester	Associate's degree such as AA, AS, and others  Certificate	No No	Pending Pending	technology-(ass)—(O-credity					
Computer Science (CSCI)  Computer Technology  Computer Technology  Computer Technology  Computer Technology	Normandale Community College	Bloomington Bloomington Bloomington	No No	Ves Ves	At least two but less than four years  At least two but less than four years  One Semester  Cine Semester	Associate's degree such as AA, AS, and others Certificate Sub-backelar's postsecondary award	No No	Pending Pending	technology-(ass)—(O-credity					
Computer Science (CSCI) Computer Technology Computer Technology Computer Technology (COMI) Computer Technology (COMI)	Normandale Community Callege	Bloomington Bloomington Bloomington Bloomington Bloomington	No No No No	Ves Ves Ves Ves Ves	At least two but less than four years At least two but less than four years One Semester One Semester At least two but less than four years	Associate's degree such as AA, AS, and others.  Certificate  Sub-bachelor's posterondery award  Associate's degree such as AA, AS, and others.	No No	Pending Pending Pending Pending	es table institute de l'indexidation de l'indexi					
Consputer Science (CSCI)  Consputer Technology  Consputer Technology  Computer Technology  (COMP)	Normandale Community College	Bioemington Bioemington Bioemington Bioemington	No No No	Ves Ves Ves	At least two but less than four years  At least two but less than four years  One Semester  Cine Semester	Associate's degree such as AA, AS, and others Certificate Sub-backelar's postsecondary award	No No	Pending Pending Pending	es table institute de l'indexidation de l'indexi					

									https://www.nhcc.edu/academic-					
Computer Science Transfer Pathway	North Hennepin Community College	Brooklyn Park	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	programs/degrees and certificates/computer- science/computer-science-transfer-pathway-as	No	No	Yes	No	No
Computer Support	Northwest Technical College	Berridj	No	Yes	One Semester	Sub-bachelor's postsecondary award	No		https://www.ntrmn.edu/career- paths/business/computer-support/					
Emerging Computer Technology	Northwest Technical College	Berridji	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.ntcrm.edu/career- gaths/business/computer-support/degrees- credentials/sas-e-mentine-computer-technology/	No	No	Yes	No	No
ITIL Foundation	People Cert - Pearson Vue	Online	Yes	No	One Semester	Certificate	Yes		https://www.peoplecert.org/en/browse- cert/Ecations/it-governance-and-service-					
					At least two but less than				management/ITIL-1/ISI-foundation-476 https://ideexater.edu/academics/areas-of-					
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	study/information-technology/computer- grogrammine-grogram/					
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ideewster.edu/academics/areas-of- study/information-technology/computer-					
Computer Programmer		Hutchinson			One to Two Years			Pending	https://ddewyster.edu/scademics/sress-of- study/information-technology/computer-					
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	stady/information-technology/computer- grossammine-grossam/					
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ideewster.edu/academics/areas-of- study/information-technology/computer- grossammine-grossam/					
Computer Support Technician	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.rideewater.edu/academics/areas-of-					
	Augmann Comp	***************************************	146		four years	AMAZORI I MEDIN MATI ANA AL AND ALIENS	AU.	~~	sechrician-grogram/					
Computer Support Technician	Ridgewater College	Hutchinson	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.rideewater.edu/academics/areas-of- studu/information-technology/computer-support- technician-grogram/					
Computer Support Technician	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		https://www.rideewater.edu/academics/areas-of-					
									technician-grogram/					
Computer Support Technician	Ridgewater College	Hutchinson	Yes	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		study/information technology/computer-support- technicias-grogram/					
Helpdesk Technician	Ridgewater College	Wilmar	Yes	Yes	One Year	Sub-bachelor's postsecondary award	No		https://www.rideewater.edu/academics/areas-of- study/information-technology/computer-support-					
									technician-program/					
Helpdesk Technician	Ridgewater College	Hutchinson	Yes	Yes	One Year	Sub-bachelor's postsecondary award	No	<u> </u>	stady/information technology/computer-support- technician-program/	L	<u></u>		<u></u>	<u></u>
IAVA Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One Semester	Certificate	No	Pending	https://ideewater.edu/scademics/areas-of- study/information-technology/computer-					
									programming-program/ https://ideewater.edu/academics/areas-of-					
IAVA Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	One Semester	Certificate	No	Pending	stady/oformation-technology/computer- programming-program/					
Network Systems Administration	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.ridenwater.edu/academics/areas-of- stadu/information-technology/network-satems- administrative-renewar/	Yes	Yes	Yes	No	Yes
	Ridgewater College	Hutchinson	Yes			Associate's degree such as AA, AS, and others	No		administrator-program/ https://www.rideowster.edu/academics/areas-of-					
Network Systems Administration	roagewater College	Hutchinson	Tes	Yes	At least two but less than four years	Annual and Company States and Co	Alo .		stadul'information technology/network-sistems, administrator-program/					
Network Systems Administration	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		https://www.ideesster.edu/academics/areas-of- stadu/information-technology/network-setems_ administrator-program/					
Network Systems Administration	Ridgewater College	Hutchinson	Yes	Yes	At least two but less than four years	Sub-bachelor's gostsecondary award	No		https://www.ridgewater.edu/academics/areas-of-					
									administrator-organam/ https://idgewater.edu/academics/areas-of-					
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	studulinformation technology/web programming, growses/ https://ddescuster.edu/sers/demics/sessuref.					
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	study/information technology/web programming- growsm/					
Web Programming	Ridgewater College	Wilmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	studu/information technology/seb programming- growses/					
Web Programming	Ridgewater College	Wilmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ideewater.edu/academics/areas.of- study/information-technology/web-programming- program/					
Windows Administrator	Ridgewater College	Wilmar	Yes	Yes	One Year	Sub-bachelor's postsecondary award	No		https://www.rideewater.edu/academics/areas-of- study/information-technology/network-systems-					
									https://www.rideewater.edu/academics/areas-of-					
Windows Administrator	Ridgewater College	Hutchinson	Yes	Yes	One Year	Sub-bachelor's postsecondary award	No		stady/information-technology/network-systems- administrator-orogram/					
Computer Technology	Riverland Community College	Albert Lea	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/orograms/ computer-technology-ass/description/					
Computer Technology	Riverland Community College	Austin	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/programs/ computer-technology-ass/description/					
Computer Technology	Riverland Community College	Owatonna	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/programs/ computer-tachnology-ass/description/					
Computer Technology	Riverland Community College	Albert Lea	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.riverland.edu/academics/programs/ computer-technology-ass/description/	No	Yes	Yes	No	No
Computer Technology	Riverland Community College	Austin	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.riverland.edu/academics/programs/ computer-technology-aas/description/					
Computer Technology	Riverland Community College	Owatonna	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.riverland.edu/academics/programs/ computer-technology-ass/view/rivine/					
Computer information		Rachester	No	Yes	At least two but less than	Associate's degree such as AA, AS, and others	No	No	https://www.rct.edu/program/comp/					
Bioinformatics Foundations	Rochester Community and sech College Rochester Community and Technical College Rochester Community and Technical College	Rochester	No	Yes	four years At least two but less than four years At least two but less than	Associate's degree such as AA, AS, and others	No	Pending	https://www.nctc.edu/program/comp/					
Systems Computer Information	Rochester Community and Technical College Rochester Community and Technical College	Rachester Rachester	No No	Yes Yes	As been true but been there	Associate's degree such as AA, AS, and others  Associate's degree such as AA, AS, and others	No No	Pending Pending	plans/ / www.ntr.edu/program/como/					
Systems Computer Science	Technical College Rochester Community and Technical College	Rochester	No No	Yes	four years At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.nsts.edu/program/como/program- dans/					
Computer - Management Information Systems	Saint Paul College	Saint Paul	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintood.edu/orcarams/Pases/man agement-information-systems.asps					
Computer Network Engineering	Saint Paul College	Saint Paul	Yes, Partial	Yes	At least two but less than four years At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu/programs/computer- networkine-careers	_				
Computer Programming  Computer Programming	Saint Paul College Saint Paul College	Saint Paul Saint Paul	Yes, partial Yes, Partial	Yes Yes	At least two but less than	Associate's degree such as AA, AS, and others  Associate's degree such as AA, AS, and others	No No	Pending Pending	subse-popularining supp.  Mitor I howev suintand edularoursmulcomouter.					
Computer Science Transfer Pathway	Saint Paul College	Saint Paul	Yes, Partial	Yes	four years At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	programming https://www.saintpaul.edu/programs/Pages/com suber-science.astx					
IAVA Programming Contricate Management information	Saint Paul College	Saint Paul	Yes, partial	Yes	One Semester At least two but less than four years	Certificate	No	Pending Pending	httos://www.saintaaul.edu/orograms/Pages/ava- orogramming.seps httos://www.saintaaul.edu/orograms/mananna					
Systems Network Administration	Saint Paul College Saint Paul College	Saint Paul Saint Paul	Yes, Partial Yes, Partial	Yes Yes	four years One Year	Associate's degree such as AA, AS, and others Sub-bachelor's postsecondary award	No.	Pending	nt-information-systems https://www.saintpaul.edu/programs/computer- naturo/kina-raman					
Correputer Assistant	South Central College	Mankato	No	Yes	One Year At least two but less than	Sub-bachelor's postsecondary award	No	Pending Pending	http://ecatalog.southcentral.edu/CERT3279.php					
Information Systems	South Central College South Central College	Faribault Mankato	No No	Yes Yes	At least two but less than four years At least two but less than four years	Associate's degree such as AA, AS, and others Associate's degree such as AA, AS, and others	No No	Pending Pending	Programs/computer-careers html http://couthcestral.edu/Majors.and.					
Information Systems	South Central College	Faribault	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	Programs/computer-careers.html http://couthcentral.edu/Malors-and- Programs/computer-careers.html					
Information Systems	South Central College	Mankato	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Broarani/computer-careers html	_				
Information Systems Information Systems	South Central College South Central College	Mankato Mankato	No No	Yes Yes	At least two but less than four wars At least two but less than	Associate's degree such as AA, AS, and others Sub-backelor's postsecondary award	No No	Pending Pending	a http://ecstalog.couthcontral.edu/TSPI303275.ph					
Network Administration	South Central College	Mankato	No	Yes	One Year	Sub-bachelor's postsecondary award	No	Pending	bttp://ecatalog.southcentral.edu/CERT3297.phg					
Networking Services Networking Services	South Central College	Faribuult	No	Yes	At least two but less than four years At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.heestral.edu/Maioru-and- Programs/computer-careers.html http://www.heestral.edu/Maioru-and-					
Networking Services Networking Services	South Central College South Central College	Mankato Faribault	No No	Yes Yes	four years One to Two Years	Associate's degree such as AA, AS, and others Sub-bachelor's postsecondary award	No.	Pending Pending	Programs/computer-carsers html http://southcentral.edu/Majors-and-					
Networking Services	South Central College	Mankato	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://outhcertral.edu/Majors-and- Programs/computer-careers.html					
Networking Services Networking Services	South Central College South Central College	Mankato Mankato	No No	Yes Yes	At least two but less than four years At least two but less than four years	Associate's degree such as AA, AS, and others Sub-bachelor's postsecondary award	No No	Pending Pending	bttp://ecatalog.southcentral.edu/EAPN303278.ph					
Networking Services Web Programmer	South Central College South Central College	Faribuilt	No No	Yes	four wars One Semester	Sub-oscineors postsecondary sware Certificate	No	Pending Pending	8 http://www.central.edu/Walors-and- Programs/computer-careers.html					
									The state of the s					

Web Programmer	South Central College	Mankato	No	Yes	One Semester	Certificate		Pending	Programs/computer-careers.html			
Computer Engineering	St. Cloud State University	9. Cloud	Yes, Partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	Pending	https://www.strloudstate.edu/programs/comput pr-prejinge/ing/default-asps			
Computer Networking and Applications	St. Cloud State University	9. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaumate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.strioudstate.edu/programs/comput er-networking-applications/default.aspx			
Coreguter Science	St. Cloud State University	9. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.strloudstate.edu/programs/comput. pr-science/default.asps			
Computer Science	St. Cloud State University	9. Cloud	Yes, Partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS, and others	No	Pending	https://www.stcloudstate.edu/programs/comput- er-science/default.asox			
Information Systems	St. Cloud State University	9. Cloud	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.strloudstate.edu/programs/eforma tipe-systems/default.asps			
Computer Programming	St. Cloud Technical and Community College	St. Cloud	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.utrc.edu/demes- gross.sm/computer-gross.smine/romputer- programme-ass-71-cnedits			
Network Administration	St. Cloud Technical and Community College	St. Cloud	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.schor.edu/desmess. programs/of constion-technology- idestructure/rehapid: administration-ass-60- credits			
PC Specialist Diploma	St. Cloud Technical and Community College	St. Cloud	No	Yes	2 Semesters	Sub-bachelor's postsecondary award	No		https://www.strcc.edu/demess. group ami/oformation-technology infrastructure/pc-specialist-digiona-32-credits			
Coreguter Science	University of Minnesota	Minneapolis	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No		https://onestood.umn.edu/oran/viewCatalogProg ram.do?oroeramiD=122.			
Computer Science	University of Minnesota	Morris	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA. BS. and others	No		https://academics.morris.umn.edu/computer- science			

Ornaram	Trainingtostitution	Invation	Online Credit	Duration	Credential	Participation (OTG	ComputervissManner	URL	Bash Shell Scripting	Software Testing Software Analysis and	Programming	Service Oriented	Logic	Object Orientated Programing	Databases	Version Control	Data Structures &	Oneratine Systems	Unified Modeling	Knowledge of Encryption	Software Development	Client/Server
Computer Information	Alexandria Technical and Community College	Alexandria	No Yes	At least two but less than four years		No	Pending	https://www.alextech.edu/programs/computer-		Design		Architectures		Programing			Algorithms	0,1101,011	Language	Encryption	Life Cycle	Architecture
Systems Software Development	Community College  Anoka Technical College	Annira	Yes, partial Yes	four years  At least two but less than four years	Associate's degree such as AA, AS, and others	No	No.	information-systems https://www.anokatech.edu/ProgramsCourses/Is	9													
Software Development	Anoka Technical College	Anoka	Yes, partial Yes	four years One to two years	Sub-bachelor's postsecondary award	No	No	formationTechMemt/SoftwareDinelopment.aspr https://www.anokatech.edu/ProgramsCourses/in	0													
Computer Science	Bemidji State University	Bernidji	No Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA,	No	Yes	SormationTechMemt/SoftwareDinelopment.aspr https://www.bemidjistate.edu/academics/depar	Yes	Yes Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No.	W.,
Computer Information	Bemidii State University	Bernidii	No Yes	Four years	Bs. and others  Bachelor's or baccalaureate degree normally requiring 3-5 years of fultime study, such as BA,	No.	No	science/ https://www.bemidistate.edu/academics/depar	1													
Systems Microsoft MCSD : Web Applications	CED Solutions	Bloomington, Duluth, Minneapolis, Rochester,	No Non credit	15 days	BS, and others  Certificate	Yes	Pending	science/ https://www.cedsolutions.com/1042/certificatio														
Certification Training	Central Lakes College	St. Paul Brainerd	Yes, partial Yes	At least two but less than four years	Associate's degree such as AA, AS, and others			n/mcsd-web-applications-html5 http://www.clcmn.edu/computer-information-														
Computer Information Technology				four years  At least two but less than		No	Yes	technology a a sidegree-2/ http://catalog.century.edu/preview_program.ph														
Computer Science	Century College	White Bear Lake		four years	Associate's degree such as AA, AS, and others	No	Pending	p?cateid=5&poid=1016&returnto=252 http://catalog.century.edu/oreview_program.ph														
Internet Programming	Century College	White Bear Lake	Yes, partial Yes	One Semester	Certificate	No	No	p?catoid=5&poid=1094&returnto=252														
Software Development	Dakota County Technical College	Rosemount	No. Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	majors/stem/software-development/														
Software Development	Dakota County Technical College	Rosemount	No Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.dctc.edu/academics/programs- majors/stern/software-development/														
Desktop Programming	Dakota County Technical College	Rosemount	No Yes	One Year	Certificate	No	No	majors/stem/software-development/														
Web Programming	Dakota County Technical College	Rosemount	No Yes	One Year	Certificate	No	No	https://www.dctc.edu/academics/programs- majors/stern/software-development/														
Computer Science	Inver Hills Community College	Inver Grove Heights	No Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://enow.inverbills.edu/DegreesAndProgram /ComputerScience/Index.aspx	1													
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DegreesAndProgram /ComputerScience/index.aspx	1													
Computer Information Technology	Metropolitan State University	St. Paul	No Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Yes	https://www.metrostate.edu/academics/progra ms/computer-information														
Software Development	Minneapolis Community and Technical College	Minneapolis	No Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.minneapolis.edu/computer- software-development														
Software Development	Minneapolis Community and Technical College	Minneapolis	No Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.minneapolis.edu/computer- software-development														
Java Certificate	Minneapolis Community and Technical College	Minneapolis	No Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development														
Visual BASIC .NET Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development														
Visual C# Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No Yes	Two Semesters	Certificate	No	No	https://www.mirneapolis.edu/computer- software-development														
Database Specialist Certificate	Minneapolis Community and Technical College	Minneapolis	No Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development														
Open Source Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development														
Computer Programming	Minnesota State Community and Technical College	Moorhead	Yes, partial Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.minnesota.edu/programs_majors.p hp?prog_code=1658/														
Computer Information Systems	Minnesota State University Moorhead	Moorhead	No Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA,	No	Pending	https://www.mnstate.edu/computer-informatios outems/courses.asox	0.													
Computer Information Technology	Minnesota State University Moorhead	Moorhead	No Yes	Four years	BS, and others Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA,	No	Pending	https://www.mnstate.edu/computer-informatios technology/courses.aspx	0.													
Computer Science	Minnesota State University Moorhead	Moorhead	No Yes	Four years	BS, and others  Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA,	No	Pending	https://www.mnstate.edu/computer- science/courses aspx														
Computer and Information Technology	Minnesota West Community & Technical	Worthington	No Yes	At least two but less than four years	BS, and others  Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwist.edu/programs- courses/list/computer-and-information-														
Computer Engineering Technology	College Minnesota West Community & Technical	Jackson	No Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	technology-ass http://www.mnwist.edu/programs- courses/list/computer-engineering-technology-														
Computer Engineering Technology	College Minnesota West Community & Technical	Jackson	No Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	ass  http://www.mnwest.edu/programs- courses/list/computer-engineering-technology-														
Computer Information Science	Minnesota West Community & Technical	Worthington	No Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	dictoma http://www.mnwest.edu/programs-														
Computer Science	College Minnesota West Community & Technical College Normandala Community	Worthington	No Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwist.edu/programs														
Computer Science		Bloomington	No Yes	At least two but less than	Associate's degree such as AA, AS, and others	No.	Pending	courses/list/computer-science-as http://www.normandale.edu/catalog/programs- of-study/minnesota-state-transfer-pathway-														
Computer Technology	College Normandale Community College	Bloomington	No Yes	four years  At least two but less than four years		No No	Pending	degrees/computer-science-transfer-pathway-(as) http://www.normandale.edu/catalog/programs- nfstruh/accon/abs_nf_are/line_science-file														
Computer Technology		Bloomington	No Yes	four years One Semester	Associate's degree such as AA, AS, and others  Certificate	No No	Pending	of-study/associate-of-applied-science/computer- technology-(ass)—60-credits http://www.normandale.edu/catalog/ossgrams- of-study/certificate-orograms/computer-														
Computer Technology  Computer Science	Normandale Community College  North Hennepin Community College	Brooklyn Park	No Yes	At least two but less than			Pending	technology-certificate12-17-credits https://www.nhcc.edu/academic-														
Computer Science Web Programming	Community College Ridgewater College	Brooklyn Park Hutchinson	No Yes Yes, partial Yes	four years		No No	Pending	programs/degrees-and-certificates/computer- science https://rideewater.edu/academics/areas-of-														
	-			At least two but less than four years		No		study/information-technology/web- programming-program/ https://ndgewater.edu/academics/areas-of-														
Web Programming	Ridgewater College	Hutchinson		One to Two Years  At least two but less than	Sub-bachelor's postsecondary award	No	Pending	study/information-technology/web- programming-program/ https://ridgewater.edu/academics/areas-of-														
Web Programming	Ridgewater College	Wilmar	Yes, partial Yes	At least two but less than four years		No	Pending	study/information-technology/web- programming-program/ https://indgewater.edu/academics/areas-of-														
Web Programming	Ridgewater College	Wilmar	Yes, partial Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	study/information-technology/web- orogrammins-program/ https://inforwater.edu/academics/areas-of-														
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial Yes	At least two but less than four years		No	Pending	study/information-technology/computer- coprammins-organam/ https://ndgewater.edu/acadamics/areas-of-														
Computer Programmer	Ridgewater College	Wilmar	Yes, partial Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	study/information-technology/computer- programming-program/ https://ndeewater.edu/arahamirs/areas of														
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	into // indemnation technology / computer- soperammina-program/ https://indemnater.edu/academics/areas-of-														
Computer Programmer	Ridgewater College	Willmar	Yes, partial Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ndepositer.edu/academics/areas.of- study/information-technology/computer- programming-program/														
JAVA Computer Programmer	Ridgewater College	Hutchinson	Yes, partial Yes	One Semester	Certificate	No	Pending	https://ndpewater.edu/academics/area-ol- study/information-technology/computer- orgerammins-program/														
JAVA Computer Programmer	Ridgewater College	Willmar	Yes, partial Yes	One Semester	Certificate	No	Pending	https://ridemwater.edu/academics/areas-of- study/information-technology/computer- programming-orderam/														
Computer Technology	Riverland Community College	Albert Lea	Yes, partial Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/programs computer-technology-aas/description/	4													
Computer Technology	Riverland Community College	Austin	Yes, partial Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/programs computer-technology-ass/description/	4													
Computer Technology	Riverland Community College	Owatonna	Yes, partial Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/programs computer-technology-ass/description/	4													

Computer Information Systems	Rochester Community and Technical College	Rochester No	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.rctc.edu/program/comp/program- plans/					
Computer Science	Rochester Community and Technical College	Rochester No	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.rctc.edu/program/comp/program- plans/					
Computer - Management Information Systems	Saint Paul College	Saint Paul Yes, partial	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu/programs/Pages/ma napement-information-systems.aspx					
Computer Programming	Saint Paul College	Saint Paul Yes, partial	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu/programs/Pages/com puter-programming.ispx					
JAVA Programming Certificate	Saint Paul College	Saint Paul Yes, partial	Yes One Semester	Certificate	No	Pending	https://www.saintpaul.edu/programs/Pages/java- programming.aspx					
Information Systems	South Central College	Faribault No	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Information Systems	South Central College	Mankato No	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Information Systems	South Central College	Faribault No	Yes One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Information Systems	South Central College	Mankato No	Yes One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Networking Services	South Central College	Faribault No	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Networking Services	South Central College	Mankato No	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Networking Services	South Central College	Faribault No	Yes One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Networking Services	South Central College	Mankato No	Yes One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Web Programmer	South Central College	Faribault No	Yes One Semester	Certificate	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Web Programmer	South Central College	Mankato No	Yes One Semester	Certificate	No	Pending	http://southcentral.edu/Majors-and- Programs/computer-careers.html					
Computer Networking and Applications	St. Cloud State University	St. Cloud Yes, partial	Yes Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.stcloudstate.edu/programs/comput er-networking-applications/default.aspx					
Computer Science	St. Cloud State University	St. Cloud Yes, partial	Yes Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.stcloudstate.edu/programs/comput er-science/default.aspx					
Computer Programming	St. Cloud Technical and Community College	St. Cloud No	Yes At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.sctcc.edu/degrees- programs/computer-programming/computer- programmer-aas-71-credits					

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Interface Design	Test Automation	Non-Functional Testing (Performance, Resiliency, High Availability, Disaster Recovery)
Computer Information Systems	Alexandria Technical and Community College	Alexandria	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.alextech.e du/programs/computer- information-systems			Availability, Disaster Recovery)
Software Development	Anoka Technical College	Anoka	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.anokatech. edu/ProgramsCourses/I nformationTechMgmt/S			
Software Development	Anoka Technical College	Anoka	Yes, partial	Yes	One to two years	Sub-bachelor's postsecondary award	No	No	https://www.anokatech. edu/ProgramsCourses/I nformationTechMgmt/S			
Computer Science	Bemidji State University	Bemidji	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	Yes	https://www.bemidjistat e.edu/academics/depart ments/mathematics-			
Computer Information Systems	Bemidji State University		No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	No	https://www.bemidjistat e.edu/academics/depart ments/mathematics-			
Microsoft MCSD : Web Applications Certification Training	CED Solutions	Bloomington, Duluth, Minneapolis, Rochester, St. Paul	No	Non credit	15 days	Certificate	Yes	Pending	https://www.cedsolutio ns.com/1042/certificatio n/mcsd-web-			
Computer Information Technology	Central Lakes College	Brainerd	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	http://www.clcmn.edu/ computer-information- technology-a-a-s-degree-			
Computer Science	Century College	White Bear Lake	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1016			
Internet Programming	Century College	White Bear Lake	Yes, partial	Yes	One Semester	Certificate	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1094			
Software Development	Dakota County Technical College	Rosemount	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.dctc.edu/a cademics/programs- majors/stem/software-			
Software Development	Dakota County Technical College	Rosemount	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.dctc.edu/a cademics/programs- majors/stem/software-			
Desktop Programming	Dakota County Technical College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dctc.edu/a cademics/programs- majors/stem/software-			
Web Programming	Dakota County Technical College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dctc.edu/a cademics/programs- majors/stem/software-			
Computer Science	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.e du/DegreesAndProgram s/ComputerScience/inde			
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.e du/DegreesAndProgram s/ComputerScience/inde			
Computer Information Technology	Metropolitan State University	St. Paul	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	Yes	https://www.metrostate .edu/academics/progra ms/computer-			
Software Development	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.minneapoli s.edu/computer- software-development			
Software Development	Minneapolis Community and Technical College	Minneapolis	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.minneapoli s.edu/computer- software-development			
Java Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapoli s.edu/computer- software-development			
Visual BASIC .NET Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapoli s.edu/computer- software-development			
Visual C# Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapoli s.edu/computer- software-development			
Database Specialist Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapoli s.edu/computer- software-development			
Open Source Developer Certificate	Minneapolis Community and Technical College Minnesota State	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapoli s.edu/computer- software-development			
Computer Programming	Minnesota State Community and Technical College	Moorhead	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.minnesota. edu/programs_majors.p hp?prog_code=165#/			
Computer Information Systems	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	Pending	https://www.mnstate.e du/computer- information-			
Computer Information Technology	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	Pending	https://www.mnstate.e du/computer- information-			

Computer Science	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5	No	Pending	https://www.mnstate.e du/computer- science/courses.aspx
Computer and Information Technology	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.ed u/programs- courses/list/computer-
Computer Engineering Technology	Minnesota West Community & Technical College	Jackson	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.ed u/programs- courses/list/computer-
Computer Engineering Technology	Minnesota West Community & Technical College	Jackson	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://www.mnwest.ed u/programs- courses/list/computer- engineering-technology- diploma
Computer Information Science	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.ed u/programs- courses/list/computer- information-science-aa
Computer Science	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.ed u/programs- courses/list/computer- science-as
Computer Science	Normandale Community College	Bloomington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.normandale .edu/catalog/programs- of-study/minnesota- state-transfer-pathway- degrees/computer- science-transfer- pathway-(as)60- credits
Computer Technology	Normandale Community College	Bloomington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.normandale .edu/catalog/programs- of-study/associate-of- applied- science/computer- technology-(aas)60- credits
Computer Technology	Normandale Community College	Bloomington	No	Yes	One Semester	Certificate	No	Pending	http://www.normandale .edu/catalog/programs- of-study/certificate- programs/computer- technology-certificate 12-17-credits
Computer Science	North Hennepin Community College	Brooklyn Park	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.nhcc.edu/a cademic- programs/degrees-and- certificates/computer- science
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/web- programming-program/
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/web- programming-program/
Web Programming	Ridgewater College	Willmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/web- programming-program/
Web Programming	Ridgewater College	Willmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/web- programming-program/

Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/computer- programming-program/
Computer Programmer	Ridgewater College	Willmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/computer- programming-program/
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/computer- programming-program/
Computer Programmer	Ridgewater College	Willmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/computer- programming-program/
JAVA Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One Semester	Certificate	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/computer- programming-program/
JAVA Computer Programmer	Ridgewater College	Willmar	Yes, partial	Yes	One Semester	Certificate	No	Pending	https://ridgewater.edu/ academics/areas-of- study/information- technology/computer- programming-program/
Computer Technology	Riverland Community College	Albert Lea	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.e du/academics/programs /computer-technology- aas/description/
Computer Technology	Riverland Community College	Austin	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.e du/academics/programs /computer-technology- aas/description/
Computer Technology	Riverland Community College	Owatonna	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.e du/academics/programs /computer-technology- aas/description/
Computer Information Systems	Rochester Community and Technical College	Rochester	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.rctc.edu/pr ogram/comp/program- plans/
Computer Science	Rochester Community and Technical College	Rochester	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.rctc.edu/pr ogram/comp/program- plans/
Computer - Management Information Systems	Saint Paul College	Saint Paul	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.e du/programs/Pages/ma nagement-information- systems.aspx
Computer Programming	Saint Paul College	Saint Paul	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.e du/programs/Pages/co mputer- programming.aspx
JAVA Programming Certificate	Saint Paul College	Saint Paul	Yes, partial	Yes	One Semester	Certificate	No	Pending	https://www.saintpaul.e du/programs/Pages/java- programming.aspx
Information Systems	South Central College	Faribault	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Information Systems	South Central College	Mankato	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html

Information Systems	South Central College	Faribault	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Information Systems	South Central College	Mankato	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Networking Services	South Central College	Faribault	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Networking Services	South Central College	Mankato	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Networking Services	South Central College	Faribault	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Networking Services	South Central College	Mankato	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Web Programmer	South Central College	Faribault	No	Yes	One Semester	Certificate	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Web Programmer	South Central College	Mankato	No	Yes	One Semester	Certificate	No	Pending	http://southcentral.edu/ Majors-and- Programs/computer- careers.html
Computer Networking and Applications	St. Cloud State University	St. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.stcloudstat e.edu/programs/comput er-networking: applications/default.asp
Computer Science	St. Cloud State University	St. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.stcloudstat e.edu/programs/comput er-science/default.aspx
Computer Programming	St. Cloud Technical and Community College	St. Cloud	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.sctcc.edu/ degrees- programs/computer- programming/computer- programmer-aas-71- credits

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Business Analysis	Program and Project Management	Technology and Business/Industry Trends and	Problem Solving
Certified Business Analysis Professional (CBAP) and Certification	New Horizons Computer Learning Center - Eagan	Eagan, Minneapolis	Yes	No	15 weeks or less	Industry-recognized or professional association certification	No	No	https://www.newhorizo nsmn.com/training-and- certifications/center-for-			Trends and	
Network Administration	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramse y.edu/academics/degree s-diplomas-				
Network Administration	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramse y.edu/academics/degree s-diplomas-				
System Administration	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramse v.edu/academics/degree s-diplomas-				
System Administration	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramse v.edu/academics/degree s-diplomas-				
Computer Networking	Anoka-Ramsey Community College	Cambridge	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramse y.edu/academics/degree s-diplomas-				
Computer Networking	Anoka-Ramsey Community College	Coon Rapids	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://www.anokaramse y.edu/academics/degree s-diplomas-				
Cybersecurity Analysis and Techniques	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1024&				
Reverse Engineering Malware Analysis and Technique	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1145&				
Intrusion Detection and Incident Handling	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1095&				
Cloud Security Virtualization Forensics	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1012&				
Cybersecurity, Virtualization, and Forensics	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1026				
Cloud Computing & Virtualization Security, Cloud Computing Track	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1009				
Cloud Computing & Virtualization Security, Cloud Security and Digital Forensics	Century College	White Bear Lake	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1010				
Analysis and Techniques	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	http://catalog.century.e du/preview_program.ph p?catoid=5&poid=1033& http://catalog.century.e				
IT Security and Audit Control	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	du/preview_program.ph p?catoid=5&poid=1097& http://catalog.century.e				
Cloud Computing	Century College	White Bear Lake	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	du/preview_program.ph p?catoid=5&poid=1011& https://inverhills.edu/De				
Advanced Network Security	Inver Hills Community College	Inver Grove Heights	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	greesAndPrograms/ITCar eers/index.aspx https://inverhills.edu/De				
Advanced Network Technology	Inver Hills Community College	Inver Grove Heights	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	greesAndPrograms/ITCar eers/index.aspx https://inverhills.edu/De				
Network Technology and Security	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's Degree such as AA, AS, and others  Bachelor's or baccalaureate degree	No	No	greesAndPrograms/ITCar eers/index.aspx https://www.metrostate				
Information Assurance Information Assurance	Metropolitan State	St. Paul	No	Yes	Four years	normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	No	.edu/academics/progra ms/information- https://www.metrostate				
(IA) and Information Technology	Metropolitan State	St. Paul	No	Yes	One year	Post-bachelor's or post-baccalaureate certificate	No	No	.edu/academics/progra ms/information- https://www.metrostate				
Computer Forensics Information Assurance	Metropolitan State	St. Paul	No	Yes	One year	Post-bachelor's or post-baccalaureate certificate	No	No	.edu/academics/progra ms/computer-forensics- https://mctc.decisionaca				
Professional	Minneapolis Community and Technical College Minneapolis Community	Minneapolis	No	Yes	One year	Sub-bachelor's postsecondary award	No	No	demic.com/Catalog/Vie wCatalog.aspx?pageid=vi https://www.minneapoli				
Computer Forensics	and Technical College	Minneapolis	No	Yes	At least four or more years	Associate's Degree such as AA, AS, and others	No	No	s.edu/computer- forensics				
Information Security and Risk Management	Minnesota State University, Mankato	On-line	Yes	Yes	At least four or more years	Master's degree such as MA, MS, and others	No	No	http://www.mnsu.edu/p sm/isrm/ https://grad.mnsu.edu/p				
Information Technology	Minnesota State University, Mankato	On-line	Yes	Yes	One year	Sub-bachelor's postsecondary award  Bachelor's or baccalaureate degree	No	No	rograms/bulletin/infotec h.html https://www.stcloudstat				
Information Systems	St. Cloud State University	St. Cloud	No	Yes	Four years	normally requiring 3-5 years of full0time study, such as BA, BS, and others	No	No	e.edu/programs/informa tion- systems/default.aspx				
Information Assurance	St. Cloud State University	St. Cloud	No	Yes	At least four or more years	Master's degree such as MA, MS, and others	No	No	https://www.stcloudstat e.edu/graduate/informa tion- assurance/default.aspx				

Program	Technical and a second	Location	Online	Credit	Duration	Credential	Augustion (CC)	Commission	100	And the freeze to the	Software Analysis and		Service Oriented		Object Orientated	0-1-1	Manufacture Control	Data Structures &	Occupies fortune	net district	Providence of Passaglian	Software Development Life
Claco Certified Entry Networking Technician	Able Career Institute - IT Career Lab						инсраприн	Yes	UNL	asin shers scoping someone recong	Design	Programming	Architectures	toge	Programing	Databases	version Control	Algorithms	Operating systems	Unitied Modeling Language	knowledge of Encryption	Cycle Chert/server Architecture
	Lab	Golden Valley	No	No	4 Weeks	Industry-recognized or professional association certification	Yes	Yes	https://www.itcareerlab.org/sob-seekers/													
Cisco Certified Network Associate	Able Career Institute - IT Career Lab	Golden Valley	No	No	12 Weeks	Industry-recognized or professional association certification	Yes	Yes	https://www.itcareerlab.org/lob-seekers/													
Computer Information Systems	Alexandria Technical and Community College	Alexandria	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	information-systems													
Information Technology Management	Anoka Technical College	Anoka	No	Yes	At least two but less than four years		No	Yes	http://www.anokatech.edu/~/link.aspx?_id=2A3C ZS15494647009A43C913CA6628988_ptg	Yes Yes	Yes	Yes	Yes									
Software Development	Anaka Technical College	Anoka	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.anokatech.edu/ProgramsCourses/in formationTechMemb/SoftwareDevelopment.asps													
Software Development	Anaka Technical College	Anoka	Yes, partial	Yes		Sub-bachelor's postsecondary award	No	No	https://www.anokatech.edu/ProeramsCourses/in formationTechMent/SoftwareDevelopment.asps													
Computer information Systems	Bernidji State University	Bernidji	No	Yes	Four years	Bachelor's or baccalaumate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	No	https://www.bemidistate.edu/scademics/depart ments/mathematics.computer-science/computer- science/													
Computer Science	Bernidji State University	Bernidji	No	Yes	Four years	Bachelor's or bacalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	Yes	https://www.bemidistate.edu/scademics/depart ments/mathematics-computer-science/computer-													
Microsoft MCSD : Web Applications Certification	CED Solutions	Bloomington, Duluth, Minneapolis, Rochester, St.	No	Noncredit	15 days	BA BS and others Certificate	Yes	Pending	hetor //www.cednolutions.com/1042/certificatio													
Training Computer Information Technology	Central Lakes College	Paul Brainerd	Yes, partial	Yes		Associate's degree such as AA, AS, and others	No	Yes	atto //www.clom.edu/computer-information.													
Computer Support Specialist	Central Lakes College	Brainerd	No	Yes		Sub-bachelor's postsecondary award	No.	No	http://www.clomn.edu/computer-support_													
Community Technology	Central Lakes College	Brainerd/Online	No	Yes		Associate's degree such as AA, AS, and others		Yes	Ple2a5c2-e10f2ld5-30e7l68c-be5e8221- http://www.clome.edu/computer-information-													
(COMP)  Computer Science (CSCI)	Central Laxes Conage  Century College			Yes			No.	Pending	technology a-a-s-degree-2/	146 166	146	Tes	146									
Computer Science (CSCI) Information and Telecommunications		White Sear Lake	No			Associate's degree such as AA, AS, and others	No		acience													
Technology	Century College	White Sear Lake	No	Yes		Associate's degree such as AA, AS, and others	No	No	and telecommunications technology													
Internet Programming	Century College	White Sear Lake	Yes, partial	Yes		Certificate	No	No	http://cstalog.century.edu/preview_program.php 2cstoid=56ooid=10968cetumto=252													
Decktop Programming	Dakots County Technical College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dctc.edu/scademics/programs- majors/idem/software-development/													
Software Development	Dakota County Technical College	Rosemount	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	https://www.dctr.edu/academics/programs- majors/stem/software-development/													
Software Development	Dakota County Technical College	Rosemount	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.dcts.edu/academics/programa- maiors/stem/software-development/													
Web Programming	Dakota County Technical College	Rosemount	No	Yes	One Year	Certificate	No	No	https://www.dcts.edu/scademics/programs- majors/stem/software-development/													
Service Improvement	Global Knowledge Training LLC	Online	Yes	No	×	Certificate	Yes	Pending	https://www.elohalknowledge.com/us- go/balaina/course-catalos/brands/ISM													
IT Service Deck Technician	Hennepin Technical College	Brooklyn Park	No	Yes		Sub-bachelor's postsecondary award	No	Yes	https://hernegistach.smartcatalogia.com/2018- 2019V.stalog/Degrees.and-Programs/Business-	Yes Yes	Yes	No	Yes									
IT Service Desk Technician	Hennepin Technical College	Eden Prairie	No	Yes		Sub-bachelor's postsecondary award	No	No	and-information-Technology/Information- https://hernepintech.smartcatalogis.com/2018- 2019/Catalog/Demoss-and-Programs/Business-													
IT Support Associate	Hennepin Technical College	Brooklyn Park	No	Yes	At least two but less than four years		N:	No	and information-Technology/information- https://hennepintech.smartcatalogia.com/en/201 8-2039/Catalog/Degrees-and-Snarama/Eur													
IT Support Associate	Hennepin Technical College	Eden Prairie	No No	Yes			No.	No.	and information Technology/information- https://herospirates.unurt.cstalogiq.com/en/200													
					At least two but less than four years				5-2010/Catalog/Degrees and Programs/Essiness- and Information. Tarboninas/Information. https://bennepintech.umartcatalogia.com/2018-													
IT Support Specialist	Hennepin Technical College	Brooklyn Park	No	Yes		Sub-bachelor's postsecondary award	No	No	2019/Catalos/Demess-and-Programs/Business- and-Information-Technology/Information- https://bennepintech.umartcatalogis.com/2018-													
IT Support Specialist	Hennepin Technical College	Eden Prairie	No	Yes		Sub-bachelor's gostsecondary award	No	No	2019/Catalog/Degrees-and-Programs/Sturiness- and-information-Technology/Information-													
Cisco Network Technician	Hibbing Community College	Hibbing	No	Yes		Sub-bachelor's postsecondary award	No	No	http://hibbine.edu/academics/areas-of- studu/computer-/-it/cisco-network-technician													
IT Networking and Security	Hibbing Community College	Hibbing	No	Yes		Sub-bachelor's postsecondary award	No	Pending	http://hibbing.edu/scademics/areas.of- study/computer-/-it/it-networking-and-security													
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DegreesAndPrograms/ ComputerScience-Index.sups													
Computer Science	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DemesAndPrograms/ ComputerScience-Endex.aspg													
Computer Science	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.inverhills.edu/DepresshadPrograms/ ComputerScience-lindex.aspg	Yes No	Yes	No	Yes									
Cisco Certifications	Knowledge Peak	Bloomington	No	No		Sub-bachelor's postsecondary award	Yes	Pending	http://www.kpesk.com/trsining-certifications/cisco.	1												
Computer information Technology	Metropolitan State University	St. Paul	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Yes	https://www.metrostate.edu/scademics/program													
Computer Information Technology	Metropolitan State University	St. Paul	No	Yes	Four years	BA BS and others Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	No	https://www.metrostate.edu/academics/orceram													
Computer Information Technology	Metropolitan State University	St. Paul	No	No	Four years	BA BS and others Bachelor's or baccalaureate degree normally requiring 2-5 years of fulltime study, such as	No	Yes	https://www.metrostate.edu/academics/grogram	No. No.	Yes	No	Mo									
Technology  Computer Science	Metropolitan State University	St. Paul	No	Yes		BA BC and others  Professional Graduate Degree		No	https://www.metrostate.edu/academics/program				_									
Computer Science	Metropolitan State University  Metropolitan State University	92. Paul	No.	Yes	Two Years		No.	No.	s/computer-science-pum https://www.metrostate.edu/academics/program													
						Graduate Degree	No		s/romouter-science-ms													
Cisco Network Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes		Sub-bachelor's postsecondary award	No	No	attor //www.minnespolis.edu/computer-support- petwork-administration													
Computer Support and Network Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes		Sub-bachelor's postsecondary award	No	No	attox //www.minnespolis.edu/computer-support- network-administration													
Computer Science	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years		No	Pending	https://www.minnespolis.edu/computer-science													
Computer Software Development (ITEC)	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years		No	Pending	https://www.minnespolis.edu/computer- politicare-development													
Computer Support and Network Administration arters	Minneapolis Community and Technical College	Minneapolis	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.minneapolis.edu/computer-support- network-administration													
Database Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	https://www.minneapolis.edu/computer-support- detwork-administration													
Database Specialist Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- software-development													
Java Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters	Certificate	No	No	https://www.minneapolis.edu/computer- politicare-development													
Linux Network Administrator	Minneapolis Community and Technical College	Minneapolis	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	https://www.minneapolis.edu/computer-support- network-administration													
Open Source Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes		Certificate	No	No	https://www.minneapolis.edu/computer-													
Software Development	Technical College  Minneapolis Community and Technical College	Minneapolis	No	Yes		Associate's degree such as AA, AS, and others	No	No	asthware-development https://www.minneapolis.edu/computer-													
Coffman Province	Technical College  Minneapolis Community and Technical College	Minneapolis	No	Yes		Sub-bachelor's postsecondary award	No	No	software-development  https://www.minnes.polis.edu/computer-													
Visual BASIC .NET							No No		software-development https://www.minneapolis.edu/comouter-													
Visual BASIC . NET Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters		No	No	https://www.minnespolis.edu/computer-													
Visual C# Developer Certificate	Minneapolis Community and Technical College	Minneapolis	No	Yes	Two Semesters		No	No Yes	software-development													
Computer Engineering Technology	Minnesota State College - Southeast Technical	Winona	No	Yes	At least two but less than four years		No		http://www.southeastron.edu/academic_oroara ms/_oroaram/default_aspx?nid=88	Yes Yes	Yes	No	Yes									
IT Support	Minnesota State College - Southeast Technical	Red Wing	Yes	Yes	At least two but less than four years		No	No	http://www.southeastmn.edu/academic_orosts ms/_program/Default.aspx?pid=14													
IT Support	Minnesota State College - Southeast Technical	Red Wing	Yes	Yes		Sub-bachelor's postsecondary award	No	No	http://www.southeastmn.edu/academic_grogra gs/_crosram/Default.assx/bid=14													
Network Administration & Technology	Minnesota State College - Southeast Technical	Winona	No	Yes		Associate's degree such as AA, AS, and others	No	Pending	http://www.southeastmn.edu/scademic_crosss ms/_program/Default.assa/Joid=22													
Network Administration & Technology	Minnesota State College - Southeast Technical	Winona	No	Yes		Sub-bachelor's postsecondary award	No	Pending	http://www.squtheastmn.edu/academic_grosss gs/_program/Default.asgs/Inid=22													
Network Administration & Technology - Microsoft	Minnesota State College - Southeast Technical	Winona	No	Yes	One Semester	Sub-bachelor's postsecondary award	No	Pending	http://www.southeastmo.edu/academic_orosts ms/_program/Default.asps/pid=22													
Computer Programming	Minnesota State Community and Technical College	Moorhead	Yes, partial	Yes		Associate's degree such as AA, AS, and others	No	Pending	https://www.minnesota.edu/programs_majors.ph													
	Lechnical Coege			L	10ur years				2000 Lode-2008		l		l	l	l			1		1		

Computer information Systems	Minnesota State University Moonhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as	No	Pending	https://www.mestate.edu/computer-information-						
Computer information	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	requiring 4-5 years of ruitome study, such as Bia-BSL and others Biachelor's or baccalaumate degree normally requiring 3-5 years of fulltime study, such as BA-BSL and others	No	Pending	https://www.mestate.edu/computer-information-						+
Systems (CSIS)						Bachelor's or baccalaumate degree normally requiring 3-5 years of fulltime study, such as			paterns/courses augs						+
Technology	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	requiring 3-5 years of fulltime study, such as BA BS, and others	No	Pending	technology/courses asox						
Computer Information Technology (CSIS)	Minnesota State University Moonhead	Moorhead	No	Yes	Four years	BA BS and others  Bachelor's or baccalaumate degree normally requiring 3-5 years of fulltime study, such as	No	Pending	https://www.mestate.edu/computer-information- technology/courses.aspx						
Computer Science	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bit BC and rehers Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	Pending	https://www.mestate.edu/computer-						T
						BA BS and others  Bachelor's or baccalaumate degree normally			https://www.mestate.edu/computer-						+
Computer Science (CSIS)	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA. BS. and others	No	Pending	science/courses augu						
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- courses/fist/computer-technology-workplace-						
(Computed Technology	Minnesota West Community & Technical College	Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs-						†
Workplace Ready									reade-certificate						4
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course, first/computer technology workplace- reads-certificate						
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/crosrams- courses/list/computer-technology-workplace-						T
(Computer) Technology Workplace Ready	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs-						†
									reade-certificate http://www.ntnwest.edu/crostame						4
Computer and Information Technology	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	atto / house movest edu/orgerang- courses/list/computer-and-information- technology-ass						1
Computer and Information Technology ICSCII	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	course fish computer and information						
Computer Engineering	Minnesota West Community & Technical College	Jackson	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.edu/programs- courses/int/computer-engineering-technology-						1
Technology									http://www.mnwest.edu/orosrams						+
Computer Engineering Technology	Minnesota West Community & Technical College	Jackson	No	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	pourses/int/computer-engineering-technology- disjorns						4
Computer Engineering Technology	Minnesota West Community & Technical College	Jackson	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	courses first/computer-engineering-technology-						
Computer Engineering Technology	Minnesota West Community & Technical College	Jackson	No	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		http://www.mnwest.edu/programs- courses/list/computer-engineering-technology-						T
Computer Information Science	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	doloma http://www.mowest.edu/programs-						†
									course, fist/computer information-science-as						4
Computer Information Science (CSCI)	Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	courses/list/computer-information-science-as						1
Computer Networking Specialist (CST)	Minnesota West Community & Technical College Minnesota West Community & Technical College Minnesota West Community & Technical College Minnesota West Community & Technical College	Worthington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.edu/programs- courses/list/computer-networkine-specialist-as						
Computer Science	Minnesota West Community &	Worthington	No	Yes	At least two but less than four years At least two but less than	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.edu/programs						†
Computer Science (CSCI)	Minnesota West Community &	Worthington	No	Yes	At least two but less than	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.edu/programs						†
	Minnesota West Community & Technical College Minnesota West Community &	Worthington	No	Yes	four wars At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.mnwest.edu/programs- courses/int/computer-science-as						1
Computer Science (CSCI) Computer Specialist	Minnesota West Community & Technical College	Worthington	No	Yes	four years At least two but less than four years	Associate's degree such as AA, AS, and others		Pending	http://www.mnwest.edu/programs- courses/int/computer-specialist-ass						I
Computer Support - Computer Maintenance &	Minnesota West Community & Technical College	Granite Falls	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/programs- courses/list/computer-support-computer-						
Computer Support -		Jackson	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	maintenance-a-regain-certificate http://www.mnwest.edu/programs						+
Repair	Minnesota West Community & Technical College						-		maintenance-a-resair-certificate http://www.mnwest.edu/orgerams-						4
Computer Support Technician	Minnesota West Community & Technical College	Granite Falls	No	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No	No	courses first/computer-support-technician- diologia						
Decktop Support Specialist	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- counes/int/desktop-support-specialist-certificate						
Dankton Supposet Sparished	Minnesota West Community & Technical College	Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/orosrams						†
									course,/list/desktop-support-specialist-certificate						+
Desktop Support Specialist	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	courses first desistate supports specialist certificate						
Desktop Support Specialist	Minnesota West Community & Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/programs- courses/int/desktop-support-specialist-certificate						
Desktop Support Specialist	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs						1
T Workplace Assistant									http://www.mnwest.edu/programs						+
IT Workplace Assistant	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	courses/int/computer-it-workplace-assistant- certificate						4
IT Workplace Assistant	Minnesota West Community & Technical College	Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	counse,/list/computer it-workplace-assistant- counse,/list/computer it-workplace-assistant-						
IT Workplace Assistant	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- courses/int/computer-it-workplace-assistant-						1
IT Workplace Assistant	Minnesota West Community & Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's gostsecondary award		No	http://www.mnwest.edu/programs-						†
							No		certificate						4
IT Workplace Assistant	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	course,/list/computer it-workplace-assistant- certificate						
IT Workplace Specialist	Minnesota West Community & Technical College	Canby	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- courses/fist/computer-it-workplace-specialist-						
IT Workplace Specialist	Minnesota West Community & Technical College	Granite Falls	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs-						†
							No.		certificate http://www.ntnevest.edu/crostramo-						4
IT Workplace Specialist	Minnesota West Community & Technical College	Jackson	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	courses/int/computer-it-workplace-specialist- certificate						1
IT Workplace Specialist	Minnesota West Community & Technical College	Pipestone	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/programs- courses/int/computer-it-workplace-specialist-						
IT Workplace Specialist	Minnesota West Community & Technical College	Worthington	Yes	Yes	One Semester	Sub-bachelor's postsecondary award	No	No	http://www.mnwest.edu/orgerang- courses/list/computer-it-workplace-specialist-						1
Telecommunications					_				certificate  http://www.mowest.edu/oroszama-						+
	Minnesota West Community & Technical College	Granite Falls	No	Yes	One Year	Sub-bachelor's gostsecondary award	No	No	course, fist/telecommunications certificate						4
Telecommunications	Minnesota West Community & Technical College	Jackson	No	Yes	One Year	Sub-bachelor's postsecondary award	No	No	http://www.mowest.edu/orgerang. courses/int/helecommunications-certificate						1
Telecommunications (CST)	Minnesota Mari Community E	Granite Falls	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others		No	teto //www.mowest.edu/orograms- courses/int/telecommunications-ass						I
Telecommunications (CST)	Technical College Minnesota West Community & Technical College	Jackson	No	Yes		Associate's degree such as AA, AS, and others	No	Pending	http://www.mowest.edu/orosrams- courses/int/telecommunications-ass						1
Computer Network Training - Advanced Computer Network Training - Entry	Network Training Institute	Saint Paul	Online	No		Certificate	No	No	ntpc://networktraininginetitute.org/cnt- advanced/	No	No	No	Yes	Yes	4
Training - Entry  Cornouter Network	Network Training Institute	Saint Paul	Online	No		Sub-bachelor's postsecondary award	No	No	https://networktrainineinstitute.one/cnt-entru/	Yes	Yes	Yes	Yes	Yes	
Computer Network Training - Intermediate	Network Training Institute	Saint Paul Eagan	Online Online	No No		Sub-bachelor's postsecondary award	No.	No No	intermediate/ https://www.newhorizons.com/courses-and-	No.	No	No	Yes	Yes	4
Compatible Mobility A	New Horizons New Horizons	Eagan	Online	No No	One Semester One Semester	Certificate Certificate	Tels	No Pending	certEcations/technical-courses/cisco https://www.newhorizons.com/courses-and-						+
Microsoft SharePoint Server 2010/CompTIA	New Horizons	Eagan	Online	No No	16 hours	Certificate	Yes	Pending	certifications/technical-courses/cisco						†
Mobility+ Certification	New Horizons	Lagan	unine	No.		Letter, 200	161	reiding	certifications/technical-courses/cisco						4
Computer Science	Normandale Community College	Bloomington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	of study/minnesota state-transfer-pathway degrees/computer-science-transfer-pathway (as)-						
									Mto://www.normandale.edu/catalos/programs						†
Computer Science (CSCI)	Normandale Community College	Bloomington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	of-study/minnesota-state-transfer-pathway- degrees/computer-science-transfer-pathway-task- -60-credits						
Computer Technology	Narmandala Community Californi	Ricomington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://www.normandale.edu/catalog/grograms-						1
Computer recentionary	warmandate Community College	weemington	No	785	four years	resources a degree such as AA, Ab, and others		Perang	technology (ass) - 60 credits						1
Computer Technology	Normandale Community College	Bloomington	No	Yes	One Semester	Certificate	No	Pending	http://www.normandale.edu/catalog/grograms- pl-study/certificate-programs/computer-						
									technology certificate—12-17-credits						+
Computer Technology (COMT)	Normandale Community College	Bloomington	No	Yes	One Semester	Sub-bachelor's postsecondary award	No	Pending	of study/certificate organization organiza- technology certificate—12-17-credits						
					At least two but law rives				http://www.normandele.edu/cataloe/programs- of-study/associate-of-applied-						†
Computers/information Management (CIM)	Normandale Community College	Bloomington	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	science/computers/info management-lass) - 60- credits						
Computer Science	North Hennepin Community College	Brooklyn Park	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.nhcc.edu/academic- grograms/degrees-and-certificates/computer-						1
	Lungs		l		no years	1			science			l			

Computer Science	North Hennepin Community College	Brooklyn Park	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	Pro.	Yes	https://www.nhcs.edu/academic.	Ma	ber .	Y 10	No	Mo
Transfer Pathway  Computer Support	College Northwest Technical College	Bernidji	No	Yes	four years One Semester	Sub-bachelor's postsecondary award	No		science icomouter science transfer outhway as				~~	~
Emerging Computer Technology	Northwest Technical College	Berridji	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.ntcms.edu/career- asths/business/consuder-support/deenes-	No	No	Yes	No	No
ITIL Foundation	People Cert - Pearson Vue	Online	Yes	No	One Semester	Certificate	Yes		tredentials/ass e-mestine-computer-technology/ https://www.peoplecent.org/en/browse- pentFications/it-assertance-and-service-					
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ideewster.edu/scademics/sreps.of- study/information-technology/computer-					
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ideesater.edu/scademics/areas-el- study/information-technology/computer-					
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-harhaloris mustaurondan sauard	No	Pending	promine-growing					
Computer Programmer					One to Two Years	Sub-bachelor's postsecondary award			aromanenine-aromani.					
	Ridgewater College	Wilmar	Yes, partial	Yes			No	Feeding	study/information-technology/computer- arcars minine-arcars mil.					
Computer Support Technician	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	No	study/information technology/computer-support- technician-program/					
Computer Support Technician	Ridgewater College	Hutchinson	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.rideewater.edu/academics/areas-of- stadu/information-technology/computer-support- technician-program/					
Computer Support Technician	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		https://www.ridenwater.edu/scademics/sress-pf- ptady/information-technology/computer-support- technician-grogram/					
Computer Support Technician	Ridgewater College	Hutchinson	Yes	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		https://www.rideowater.edu/academics/areas-of- stady/information-technology/computer-support- technician-grogram/					
Helpdesk Technician	Ridgewater College	Wilmar	Yes	Yes	One Year	Sub-bachelor's postsecondary award	No		https://www.rideewater.edu/academics/areas_of- gade/information.technology/computer-support-					
Helpdesk Technician	Ridgewater College	Hutchinson	Yes	Yes	One Year	Sub-bachelor's postsecondary award	No		https://www.rideewater.edu/scademics/sreas-of- stadu/information-technology/computer-support-					
JAVA Computer		Hutchinson	Yes, partial		One Semester	Certificate			technician-grogram/					
-	Ridgewater College			Yes			No	Pending	programming-program/ https://documenter.org/					
IAVA Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	One Semester	Certificate	No	Pending	study/information technology/computer- programming-grogram/					
Network Systems Administration	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	study/information-technology/instwork-systems- administrator-program/	Yes	Yes	Yes	No	Yes
Network Systems Administration	Ridgewater College	Hutchinson	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.rideewater.edu/academics/areas_of- gudu/information-technologu/network-sustems_ administrator-orogram/					
Network Systems Administration	Ridgewater College	Wilmar	Yes	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		https://www.rideewster.edu/scademics/sreas-of- stadu/information-technology/setwork-sustems- administrator-orogram/					
Network Systems Administration	Ridgewater College	Hutchinson	Yes	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No		https://www.ridgewater.edu/academics/areas-of- stash/information-technology/network-swhems.					
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://dgewater.edu/academici/areas-pl- stady/of ornation technology/web programming-					
Web Programming	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ideewster.edu/scademics/sress-of- study/information-technology/web-programming- program/					
Web Programming	Ridgewater College	Wilmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://deexyster.edu/academics/areas.ed- study/information-technology/web-programming- program/					
Web Programming	Ridgewater College	Wilmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	grow independent sourcessme crareas-ex- gradulation rechnology/web programming- program/					
Windows Administrator	Ridgewater College	Wilmar	Yes	Yes	One Year	Sub-bachelor's gostsecondary award	No		struct (reage) releases releases consistence are a consistence and consistence are a consistence or consistence are a consistence or consiste					
Windows Administrator	Ridgewater College	Hutchinson	Yes	Yes	One Year	Sub-bachelor's postsecondary award	No		https://www.rideewater.edu/scademics/sress-of- study/information-technology/network-systems- administrator-opparati/					
Computer Technology	Riverland Community College	Albert Lea	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.riverland.edu/academics/orograms/ computer-technology-ass/description/					
Computer Technology	Riverland Community College	Austin	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending Pending	https://executiverland.edu/academics/orograms/ computer-technology-ass/description/					
Computer Technology  Computer Technology	Riverland Community College Riverland Community College	Owatonna Albert Lea	Yes, partial Yes	Yes	At least two but less than four years  At least two but less than four years	Associate's degree such as AA, AS, and others  Associate's degree such as AA, AS, and others	No No	Pending Yes	computer-technology-ass/description/	***		v-	No.	
Computer Technology	Riverland Community College	Austin	Yes	Yes	four years At least two but less than four years	Associate's degree such as AA, AS, and others	No		computer-technology-ass/description/ https://www.riverland.edu/academics/programs/ romantes-technology-ass/description/				,,,	
Computer Technology	Riverland Community College	Owatonna	Yes	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.riverland.edu/academics/programs/ computer-technology-ass/description/					
Computer information Systems Bioinformatics	Rochester Community and Tech College Rochester Community and	Rachester Rachester	No No	Yes	At least two but less than	Associate's degree such as AA, AS, and others Associate's degree such as AA, AS, and others	No	No Peoding	https://www.nts.adu/ocommicomo/					
Foundations Computer information Systems Computer information	College Rochester Community and Technical College Rochester Community and Technical College Rochester Community and	Rachester	No	Yes	four years At least two but less than	Associate's degree such as AA, AS, and others	No	Pending	Mitor / Fewer retr edul program/como/orogram- plans/					
Systems Computer Science	Technical College Rochester Community and Technical College	Rochester Rochester	No No	Yes	four years At least two but less than four years	Associate's degree such as AA, AS, and others Associate's degree such as AA, AS, and others	No.	Pending Pending	https://www.nctc.edu/program/como/ https://www.nctc.edu/program/como/program- dans/					
Computer - Management Information Systems Computer Network	Saint Paul College	Saint Paul	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintonid.edu/organine/Passs/mas- agement-information-systems.asps https://www.saintonid.edu/organine/organine/					
Engineering Computer Programming	Saint Paul College Saint Paul College	Saint Paul Saint Paul	Yes, Partial Yes, partial	Yes Yes	four years At least two but less than four years At least two but less than	Associate's degree such as AA, AS, and others Associate's degree such as AA, AS, and others	No No	Pending Pending	networkine-careen https://www.saintasuk.edu/arcerams/Paess/com suber-oroerammine.asax					
Computer Programming Computer Science	Saint Paul College Saint Paul College	Saint Paul Saint Paul	Yes, Partial Yes, Partial	Yes Yes	At least two but less than four years At least two but less than four years	Associate's degree such as AA, AS, and others Associate's degree such as AA, AS, and others	No No	Pending	https://www.saintasul.edu/grograms/computer- grogramming https://www.saintasul.edu/grograms/Pages/com					
IAVA Programming Certificate Management information	Saint Paul College Saint Paul College	Saint Paul Saint Paul	Yes, partial Yes, Partial	Yes	One Semester At least two but less than four years	Certificate Associate's degree such as AA, AS, and others	No.	Pending Pending	https://www.saintonid.edu/orograms/Papes/ava- programming.apps https://www.saintonid.edu/orograms/managema					
Systems Network Administration	Saint Paul College	Saint Paul	Yes, Partial	Yes	One Year	Sub-bachelor's postsecondary award	No	Na	ist-information-systems https://www.saintpsid.edu/programs/computer- networkine-careers					
Computer Assistant Information Systems	South Central College South Central College	Mankato Faribault	No No	Yes Yes	One Year At least two but less than four years	Sub-bachelor's postsecondary award Associate's degree such as AA, AS, and others	No.	Pending Pending	http://ecstalos.southcentral.edu/CERT3279.php http://eouthcentral.edu/Maiors.and_ Programs/computer-careers.html					
Information Systems	South Central College South Central College	Mankato Faribault	No No	Yes Yes	At least two but less than four years One to Two Years	Associate's degree such as AA, AS, and others Sub-bachelor's postsecondary award	No No	Pending Pending	http://pouthr.estral.edu/Weicre.and- Programs/computer-careers.html http://pouthr.estral.edu/Weicre.and- https://pouthr.estral.edu/Weicre.and- https://pouthr.estral.edu/Weicre.and-					
Information Systems	South Central College South Central College	Mankato Mankato	No No	Yes Yes	One to Two Years	Sub-bachelor's postsecondary award  Associate's degree such as AA, AS, and others	No.	Pending Pending	http://www.thcentral.edu/Majorvand. Promarm/computer-careen.html http://ec.etulos.couthcentral.edu/AASN20227%.ch					
Information Systems	South Central College	Mankato	No	Yes	At least two but less than four wars At least two but less than four wars	Sub-bachelor's postsecondary award	No	Pending	bitto://ecatalos.couthcontrol.edu/UPIS203275.cb p					
Network Administration Networking Services	South Central College South Central College	Mankato Faribault	No No	Yes	One Year At least two but less than four years	Sub-bachelor's postsecondary award  Associate's degree such as AA, AS, and others	No No	Pending Pending	http://ecstalos.southcentral.edu/CERT3297.phg http://www.thcentral.edu/Majors.and Programs/computer-careers.html					
Networking Services Networking Services	South Central College South Central College	Mankato Faribault	No No	Yes Yes	four years At least two four years Con to Two Years	Associate's degree such as AA, AS, and others Sub-bachelor's postsecondary award	No No	Pending Pending	http://www.trentral.edu/Majors.and_ broarams/computer-careers.html http://www.trentral.edu/Majors.and-					
Networking Services Networking Services	South Central College South Central College	Mankato Mankato	No No	Yes Yes	One to Two Years	Sub-bachelor's postsecondary award Associate's degree such as AA, AS, and others	No	Pending Pending	http://www.thendeam.ac/Weisers.and. Programs/computer-careers.html http://ec.stalos.southcontrol.edu/AASN202277.ph					
Networking Services	South Central College	Mankato	No	Yes	At least two but less than four years At least two but less than four years	Sub-bachelor's postsecondary award	No	Pending Pending Pending	b http://ecatalog.couthcentral.edu/EXPNJ0327E.ph. b					
Web Programmer	South Central College	Faribault	No	Yes	One Semester	Certificate	No	Pending	Programs/computer-careers/html					

Web Programmer	South Central College	Mankato	No	Yes	One Semester	Certificate		Pending	Programs/computer-careers.html			
Computer Engineering	St. Cloud State University	9. Cloud	Yes, Partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No	Pending	https://www.strloudstate.edu/programs/comput pr-prejinge/ing/default-asps			
Computer Networking and Applications	St. Cloud State University	9. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaumate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.strioudstate.edu/programs/comput er-networking-applications/default.aspx			
Coreguter Science	St. Cloud State University	9. Cloud	Yes, partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.strloudstate.edu/programs/comput. pr-science/default.asps			
Computer Science	St. Cloud State University	9. Cloud	Yes, Partial	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS, and others	No	Pending	https://www.stcloudstate.edu/programs/comput- er-science/default.asox			
Information Systems	St. Cloud State University	9. Cloud	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.strloudstate.edu/programs/eforma tipe-systems/default.asps			
Computer Programming	St. Cloud Technical and Community College	St. Cloud	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://www.utrc.edu/demes- gross.sm/computer-gross.smine/romputer- grogs.smner-ass-71-cnedits			
Network Administration	St. Cloud Technical and Community College	St. Cloud	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No		https://www.schor.edu/desmess. programs/of constion-technology- idestructure/network-administration-ass-60- credits			
PC Specialist Diploma	St. Cloud Technical and Community College	St. Cloud	No	Yes	2 Semesters	Sub-bachelor's postsecondary award	No		https://www.strcc.edu/demess. group ami/oformation-technology infrastructure/pc-specialist-digiona-32-credits			
Coreguter Science	University of Minnesota	Minneapolis	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA BS and others	No		https://onestood.umn.edu/oran/viewCatalogProg ram.do?oroeramiD=122.			
Computer Science	University of Minnesota	Morris	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA. BS. and others	No		https://academics.morris.umn.edu/computer- science			

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Bash Shell Scripting	Software Testing	Software Analysis and Design	Programming	Service Oriented Architectures	Logic	Object Orientated Programing	Databases	Version Control	Data Structures & Algorithms	Operating Systems	Unified Modeling Language	Knowledge of Encryption	Software Development Life Cycle	Client/Server Architecture	Web Programming Language	
Information Technology (ITEC)	Anoka Technical College	Anoka	Available	Yes	Two years	Associates Degree	No	Yes	http://www.anokatech.edu/en/ProgramsCourses/informat onTechMemb/WebDesimDevelopment	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No	Yes	
Computer Technology (COMP)	Central Lakes College	Brainerd	No	Yes	Two years	Associates Degree	No	Yes	http://www.cicren.edu/computer-information-technology-a p-sidegree-2/	yes	No	No	Yes	No	No	No	No	No	No	Yes	No	No	No	No	No	
Web Design	Century College	White Sear Lake	Yes	Yes	Two years	Associate's degree such as AA, AS, and others	No	No	https://www.century.edu/programs/web-design																<u> </u>	Ī
Complete Java	Intertech	Eagan	No	No	Four weeks	Certificate	Yes	Pending	https://www.intertech.com/training/web-day																	Ī
Computer Science	Inver Hills Community College	Inver Grove Heights	Available	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://inverhills.edu/DegreesAndPrograms/ComputerScience/Index.aspx	Yes	No	No	Yes	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No	
Computer Engineering Technology	Minnesota State College - Southeast Technical	Red Wing	Available	Yes	Two years	Associate's degree such as AA, AS, and others	No	Pending	http://www.southeastmr.edu/academic_programs/_progra m/Default.aspx?pid=88																1	Ī
Computer Programming	Minnesota State Community and Tech College	Moorhead	Online	60 credit	2 years	Associates Degree	No	No	https://www.mmstate.edu/computer-science/courses.aspx																	Ī
Computer Science (CSIS)	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of full time study, such as BA. ES. and others	No	Pending	https://www.mmstate.edu/computer-science/courses.aspx																	
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverbills.edu/DegreesAndPrograms/ComputerScience/Index.aspx	Pending																
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DegreesAndPrograms/Compute (Science/Index.asps										•		•					
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://rideswater.edu/academics/seas-of- study/information-technology/computer-programming- constrain/																	
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AG, and others	No	Pending	https://ridewater.edu/academics/sreas-of- study/information-technology/computer-programming- program/																	
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/academics/areas-of- study/information-technology/computer-programming- program/																	
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridewater.edu/academics/areas.of. study/information-technology/computer-programming- nessram/																	
Web Design	Dakota County Technical College	Rosemount	Yes, partial	Yes	At least two but less than four years	Sub-bachelor's postsecondary award	No	No	https://www.dctc.edu/academics/programs-majors/visual- arts-communication/web-design/																	
Web Design	Dakota County Technical College	Rosemount	Yes, partial	Yes	One to Two Years	Associate's degree such as AA, AS, and others	No	No	https://www.dctc.edu/scademics/programs-majors/visual- arts-communication/web-design/																	
Interactive Media Design	Dakota County Technical College	Rosemount	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	https://www.dctc.edu/scademics/programs-majors/visual- arts-communication/web-design/																	
Web Development (CSCI)	Minnesota West Community & Technical College Minneapolis Community and		Available	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	http://www.mnwest.edu/programa-courses/course- outlines https://www.minnespolis.edu/Continuine-Education-and-	No	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	No	No	Yes	No	No	4
Web Design Professional Certificate	Technical College - Continuing Education and Trainine Minneapolis Community and	Minneapolis	Available	No	Length not provided	Certificate	No	Yes	Workforce-Development/Continuing-Education/Web- Devian-And-Development https://www.minneapolis.edu/Continuing-Education-and-																<u> </u>	4
Web Development Professional Certificate	Technical College - Continuing Education and Training	Minneapolis	Available	No	Length not provided	Certificate	No	No	Workforce-Development/Continuing-Education/Web- Design-And-Development																<del></del>	4
Web Programming	Rasmussen College	St. Cloud	Available	Yes	18-21 months	Associates Degree	No	No	https://www.rasmussen.edu/derrees/technology/web- programming/																<del></del>	4
Web Programming	Rasmussen College	Mankato	Available	Yes	18-21 months	Associates Degree	No	No	https://www.rasmussen.edu/degrees/technology/web- grogramming/																<del></del>	4
Web Programming	Rasmussen College	Bloomington	Available	Yes	18-21 months	Associates Degree	No	No	https://www.rasmansen.edu/derrees/technology/web- programming/																<b></b>	1
Web Programming	Rasmussen College	Eagan	Available	Yes	18-21 months	Associates Degree	No	No	https://www.rasmussen.edu/degrees/technology/web- programming/																<del></del>	4
Web Programming	Rasmussen College	Woodbury	Available	Yes	18-21 months	Associates Degree	No	No	https://www.rasmussen.edu/deerees/technology/web- programming/																<del></del>	4
Web Programming	Rasmussen College	Blaine	Available	Yes	18-21 months	Associates Degree	No	No	https://www.rasmussen.edu/deerees/technology/web- programming/																<u> </u>	4
Web Programming	Rasmussen College	Moorhead	Available	Yes	18-21 months	Associates Degree	No	No	https://www.rasmussen.eds/degrees/technology/web- programming/ https://rideewater.eds/academics/areas.of-																	_
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	No	study/information-technology/computer-programming- program/	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	No	Yes	4
Web Programming	Ridgewater College	Hutchinson	Available	50-60 credits	2 years	Associates Degree	No	Yes	https://ridensater.edu/academics/sreas.cd- study/information-technology/sels-programming-program.	ž.															<u> </u>	4
Web Developer	Riverland Community College	Austin	Online	60 credits	1-2 years	Associates Degree	No	Pending	https://www.riverland.edu/academics/programs/web- daveloper-ass/description/																<b>—</b>	4
Web Developer	Saint Paul College	St. Paul	Available	24 credits	3 semesters	Certificate	No	Pending	https://www.saintosul.edu/programs/Pages/web; development.aspx																<b>—</b>	4
Web Design	Saint Paul College	St. Paul	Available	Yes	One to Two Years	Certificate	No	No	https://www.seinfpaul.edu/programs/web-design																	1
Computer Programming (CSCI)	Saint Paul College	St. Paul	Available	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintpaul.edu/programs/computer- programming																	1
Computer Science (CSCI)	Saint Paul College	St. Paul	Available	Yes	At least two but less than four years At least two but less than four	Associate's degree such as AA, AS, and others	No	Pending	https://www.saintosul.edu/programs/computer-science	No																1
Computer Science (CSCI)	St. Cloud State University  St. Cloud Technical and	St. Cloud St. Cloud	Available Yes	Yes	At least two but less than four years Two years	Associates degree activative, vo, and others	No No	Pending	science/	No No																
Computer Programming	Community College	St. Cloud	Yes	71 credits	Two years	Associate's degree such as AA, AS, and others	No.	No	https://www.sctcc.edu/degrees-programs/computer- programming/computer-programmer-ass-71-credits	100																

Program	Training netitation	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	LES	Bash Shell Scripting	Software Testing	Software Analysis and Design	Programming	Service Oriented Architectures	Logic	Object Orientated Programing	Databases	Version Control	Data Structures & Algorithms	Operating Systems	Unified Modeling Language	Knowledge of Encryption	Software Development Life Cycle	Client/Server Architecture	Web Programming Language
information Technology (ITEC)	Anaka Technical College	Anoka	Available	Yes	7wo years	Associates Degree	No	Yes	http://www.anokatech.edu/en/ProgramsCourses/Informati onTechMamifWebDesignDevelopment	Yes	Yes	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No	Yes
Computer Technology (COMP)	Central Lakes College	Brainerd	No	Yes	7wo years	Associates Degree	No	Yes	http://www.cicren.edu/computer-information-technology-a a-s-degree-2/	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No	No	No	No	No
Web Design	Century College	White Sear Lake	Yes	Yes	Two years	Associate's degree such as AA, AS, and others	No	No	https://www.century.edu/programs/web-design																
Complete Java	Intertech	Eagan	No	No	Four weeks	Certificate	Yes	Pending	https://www.intertech.com/training/web-dex																
Computer Science	Inver Hills Community College	Inver Grove Heights	Available	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Yes	https://inverhills.edu/DegreesAndPrograms/ComputerScience/Index.asps	Yes	No	No	Yes	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No
Computer Engineering Technology	Minnesota State College - Southeast Technical	Red Wing	Available	Yes	7wo years	Associate's degree such as AA, AS, and others	No	Pending	http://www.southeastron.edu/academic_programs/_progra m/Default.asps?pid=88																
Computer Programming	Minnesota State Community and Tech College	Moorhead	Online	60 credit	2 years	Associates Degree	No	No	https://www.mostate.edu/computer-science/courses.asgs																
Computer Science (CSIS)	Minnesota State University Moorhead	Moorhead	No	Yes	Four years	Bachelor's or baccalaureate degree normally requiring 3-5 years of fulltime study, such as BA, BS, and others	No	Pending	https://www.mostate.edu/computer-science/courses.asgs																
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://www.inverhills.edu/DegreesAndPrograms/Compute rScience/index.aspx	Pending															
Computer Programmer	Inver Hills Community College	Inver Grove Heights	No	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://even.inverhills.edu/DepressAndPrograms/Compute /Science/Index.asgs																
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	http://ridemanter.edu/scademics/areas-of- study/foformation-technology/computer-programming- program/																
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	At least two but less than four years	Associate's degree such as AA, AS, and others	No	Pending	https://ridenwater.edu/academics/acas-of- tude/information-technology/computer-programming- program/ https://ridenwater.edu/academics/acas-of-																
Computer Programmer	Ridgewater College	Hutchinson	Yes, partial	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	https://ridgewater.edu/academics/areas-of- shady/information-technology/computer-programming- programs/ https://ridgewater.edu/academics/areas-of-																
Computer Programmer	Ridgewater College	Wilmar	Yes, partial	Yes	One to Two Years  At least two but less than four	Sub-bachelor's postsecondary award	No	Pending	thinks or information, technology/computer, programming, reviewed.  https://www.dctr.edu/scademics/orogram-majors/visual-																
Web Design	Dakota County Technical College	Rosemount	Yes, partial	Yes	years	Sub-bachelor's postsecondary award	No	No	http://www.dck.edu/scademics/program-majors/visual- acts-communication/web-design/ https://www.dck.edu/scademics/program-majors/visual-																
Web Design	Dakota County Technical College Minnesota West Community &	Rosemount	Yes, partial	Yes	One to Two Years	Associate's degree such as AA, AS, and others	No	No	arts-communication/web-design/																
Web Development (CSCI)  Web Devleto Professional	Technical College Minneapolis Community and		Available	Yes	One to Two Years	Sub-bachelor's postsecondary award	No	Pending	outlines https://www.minnespolis.edu/Continuing-Education-and-	No	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	No	No	Yes	No	No
Certificate  Web Development	Technical College - Continuing Education and Training Minneapolis Community and	Minneapolis	Available	No	Length not provided	Certificate	No	Yes	Workforce-Development/Continuing-Education/Web- Design-And-Development https://www.minnespolis.edu/Continuing-Education-and-																
Professional Certificate	Technical College - Continuing Education and Trainine	Minneapolis	Available	No	Length not provided	Certificate	No	No	Workforce-Development/Continuing-Education/Web- Design-And-Development https://www.surrupsen.edu/degrees/sechnology/web-																
Web Programming	Rasmussen College Rasmussen College	St. Goud	Available Available	Yes Yes	18-21 months	Associates Degree Associates Degree	No No	No No	trogramming/. https://www.rasmussen.edu/degrees/achnology/web-																
Web Programming	·								programming!  https://www.rasmussen.edu/deerees/bechnology/web-																
Web Programming	Rasmussen College	Bloomington	Available	Yes	18-21 months	Associates Degree	No	No	trogramming!  http://www.rasmussen.edu/degrees/schnology/web-																
Web Programming Web Programming	Rasmussen College Rasmussen College	Eagan	Available Available	Yes Yes	18-21 months	Associates Degree Associates Degree	No	No No	programming/ https://www.ramussen.edu/degrees/achnology/web-																
	·	Woodbury					No		programming!  https://www.rasmussen.edu/deerees/bechnology/web-																
Web Programming  Web Programming	Rasmussen College Rasmussen College	Staine Moorhead	Available Available	Yes Yes	18-21 months	Associates Degree Associates Degree	No No	No No	programming)  https://www.raumusen.edu/decrees/lectrodogs/web-																
Web Programming  Computer Programmer	Rasmussen College Ridgewater College	Moorhead	Available Yes, partial	Yes	18-21 months One to Two Years	Associates Degree Sub-bachelor's postsecondary award	No No	No No	crogrammina/ https://ridgewater.edu/academics/areas-of- study/information-technology/computer-programming-	No	No	No	Yes	-	No				No	No	No	No.		No.	-
Web Programming	Ridgewater College	Hutchinson	Ten, parties	50-60 credits	2 years	Associates Degree	No	Yes	program/ https://ridenwater.edu/academics/areas-of-														-		
Web Developer	Riverland Community College	Austin	Online	50-60 credits	2 years 1-2 years	Associates Degree	No.	Pending	study for ormation-technology/web-programming-programs  https://www.riverland.edu/academics/programs/web-																
Web Developer	Saint Paul College	St. Paul	Available	24 credits	3 semesters	Certificate	No.	Pending	developer-ass/description/ https://www.saintpaul.edu/programs/Pages/web-																
Web Design	Saint Paul College	St. Paul	Available	Yes	One to Two Years	Certificate	No	No	development.aspx  https://www.saintopul.edu/orograms/web-design																
Computer Programming (CSCI)	Saint Paul College	St. Paul	Available	Yes	At least two but less than four	Associate's degree such as AA, AS, and others	No.	Pending	https://www.saintpaul.edu/orgarams/computer-																
Computer Science (CSCI)	Saint Paul College	St. Paul	Available	Yes	years At least two but less than four	Associate's degree such as AA, AS, and others	No	Pending	programming  https://www.saintoaul.edu/orograms/computer-science	No.															
Computer Science (CSCI)	St. Cloud State University	St. Cloud	Available	Yes	years At least two but less than four years	Associate's degree such as AA, AS, and others	No.	Pending	https://www.stdoudstate.edu/programs/computer- science/	No															
Computer Programming	St. Cloud Technical and Community College	St. Cloud	Yes	71 credits	7wo years	Associate's degree such as AA, AS, and others	No	No	https://www.schr.edu/feerees-programs/computer- programming/computer-programmer-pas-71-credits	No															

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participating InDTG	Competencies Mapped	URL	CAD/CAM Software	Shop math and measurement	Machine tool theory	Inspection	Blueprint reading	Geometric dimensioning and tolerancing	CMM set-up and programming	Quality assurance
CNC Machine Tool	Southeast Community & Technical College	Red Wing	No	58 credits	2 years	Diploma	No	No	http://www.southeastmn.edu/academic_programs/Major. aspx?MajorID=618_								
Mechanical Design & Manufacturing Technician	St. Cloud Technical & Community College	St Cloud	No	18 credits	6 months	Credential	No	No	https://www.sctcc.edu/degrees-programs/computer-aided- design-manufacturing/mechanical-design-manufacturing- tech-18-credits								
Quality Assurance Certificate	Hennepin Technical College	Brooklyn Park	No	14 credits	6 months	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018- 2019/Catalog/Degrees-and-Programs/Manufacturing-and- Engineering-Technology/Machine-Tool-Technology-Quality-								
Production Technologist	Lake Superior College	Duluth	No	8 credits	1 semester	Certificate	No	No	https://degrees.lsc.edu/production-technologist/								
Manufacturing Production Technologies	Ridgewater College	Hutchinson	No	16 credits	1 semester	Certificate	No	No	http://legacy.ridgewater.edu/Credentials/Index.cfm?Credential_ID=2494								
Machine Tool Technology	South Central College	Faribault	No	72 credits	2 years	Associates Degree	No	No	http://ecatalog.southcentral.edu/AAS%203516.php								
Machine Tool Technology	South Central College	Mankato	No	72 credits	2 years	Associates Degree	No	No	http://ecatalog.southcentral.edu/AAS%203516.php								
Machine Tool Technology	South Central College	Faribault	No	66 credits	1-2 years	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203517.php								
Machine Tool Technology	South Central College	Mankato	No	66 credits	1-2 years	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203517.php								
Machine Tool Technology	Alexandria Technical and Community College	Alexandria	No	72 credits	2 years	Diploma	No	No	https://www.alextech.edu/programs/machine-tool- technology/curriculum_								
CMM Programmer Basic	Hexagon Metrology U	Minneapolis	Online and Classroom	4.45 credits	Less than 6 months	Certificate	No	No	https://www.hexagonmetrologyu.com/catalog/?id=4619								
CMM Programmer Intermediate	Hexagon Metrology U	Minneapolis	Online and Classroom	9.45 credits	Less than 6 months	Certificate	No	No	https://www.hexagonmetrologyu.com/catalog/?id=4620								
CMM Programmer Intermediate Plus Scanning	Hexagon Metrology U	Minneapolis	Online and Classroom	11.05 credits	Less than 6 months	Certificate	No	No	https://www.hexagonmetrologyu.com/catalog/?ld=11015								
CMM Programmer - Turnkey	Hexagon Metrology U	Minneapolis	Online and Classroom	14.35 credits	Less than 6 months	Certificate	No	No	https://www.hexagonmetrologyu.com/catalog/?id=4622								
CMM Programmer - Turnkey Plus Scanning	Hexagon Metrology U	Minneapolis	Online and Classroom	15.95 credits	Less than 6 months	Certificate	No	No	https://www.hexagonmetrologyu.com/catalog/?ld=11018								
Calibration Technician Certification	American Society of Quality (ASQ)	Online	Online	Non credit	Varies	Certificate	No	No	https://asq.org/cert/callbration-technician								
Machine Technology	Central Lakes College	Staples	No	30 credits	1 year	Certificate	No	No	http://www.clcmn.edu/machine-technology-certificate- 2/#1506450587743-111f9b93-f9a2a5c3-e10f31d5- 30e7168c-ba6e8221-56fdfc43-5559								
Machine Operations	Central Lakes College	Staples	No	32 credits	1 year	Certificate	No	No	http://www.cicmn.edu/machine-operations- diploma/#1506450587743-111f9b93-f9a2a5c3-e10f31d5- 30e7168c-ba6e8221-56fdeec2-e27b								
Engineering Technology	Bemidji State University	Bemidji	No	120 credits	4 years	Bachelors Degree	No	No	https://www.bemidjistate.edu/academics/catalog/20185/programs/bs_engt_								
Machine Technology	Northland College	Thief River Falls	No	30 credits	1 year	Certificate	No	No	http://www.northlandcollege.edu/programs/manufacturin g/program detail.php?program code=CO12								
Machine Technology 3	Anoka Technical College	Anoka	No	16 credits	1-2 years	Certificate	No	No	http://www.anokatech.edu/ProgramsCourses/EngManufTe ch/MachineTrades/Machine-Technology								
Mechanical Drafting & Design	Anoka Technical College	Anoka	No	69 credits	2 years	Associates Degree	No	No	https://www.anokatech.edu/-/media/Files/New-Web-Site- Files/Programs-and-Courses/Guidesheets/2019/Mechanical DraftingDesign-								
Advanced CAD Drafting	Anoka Technical College	Anoka	No	30 credits	1 year	Certificate	No	No	https://www.anokatech.edu/-/media/Files/New-Web-Site- Files/Programs-and-Courses/Guidesheets/2019/Advanced- CAD-Drafting-								
Mechanical CAD Drafter	Anoka Technical College	Anoka	No	58 credits	2 years	Diploma	No	No	https://www.anokatech.edu/-/media/Files/New-Web-Site- Files/Programs-and-Courses/Guidesheets/2019/Mechanical CAD-Drafter-								
PC DMIS Training	Hexagon Metrology U / Productivity Quality Inc.	Plymouth	No	Non credit	Less than 1 month	Certificate	No	No	https://www.gagesite.com/documents/Training/2019%20J AN MAR%20Minneapolis%20(Plymouth)%20MNPQI.pdf								

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	CAD/CAM Software	Shop math and measurement	CNC program management	Inspection	Blueprint reading	CNC design and programming	Machine tool theory	Metallurgy
Machine Tool Technology	Alexandria Technical and Community College	Alexandria	No	72 credits	2 years	Diploma	No	No	https://www.alextech.edu/programs/machine-tool-technology/curriculum								
Advanced CNC Machine Technology	Anoka Technical College	Anoka	No	64 credits	1 year	Diploma	No	No	http://anokatech.edu/ProgramsCourses/EngManufTech/MachineTrades/C NCManufacturingTechnology								
CNC Design & Manufacturing Technology	Anoka Technical College	Anoka	No	69 credits	2 years	Associates Degree	No	No	http://www.anokatech.edu/ProgramsCourses/EngManufTech/MachineTra des/CNCManufacturingTechnology								
CNC Design & Manufacturing Technology	Anoka Technical College	Anoka	No	64 credits	2 years	Diploma	No	No	http://www.anokatech.edu/ProgramsCourses/EngManufTech/MachineTra des/CNCManufacturingTechnology								
Machine Technology Certificate 2	Anoka Technical College	Anoka	No	16 credits	2 semesters	Certificate	No	No	http://www.anokatech.edu/en/ProgramsCourses/EngManufTech/Machine Trades/Machine-Technology								
Machine Technology Certificate 3	Anoka Technical College	Anoka	No	16 credits	2 semesters	Certificate	No	No	http://www.anokatech.edu/en/ProgramsCourses/EngManufTech/Machine Trades/Machine-Technology								
Mechanical CAD Operator	Anoka Technical College	Anoka	No	25 credits	2 semesters	Certificate	No	No	http://www.anokatech.edu/ProgramsCourses/EngManufTech/Mechanical DraftingDesign								
Multi-Axis Machining	Anoka Technical College	Anoka	No	9 credits	2 semesters	Certificate	No	No	http://anokatech.edu/ProgramsCourses/EngManufTech/MachineTrades/ Multi-AxisMachining								
CNC Technologies	Central Lakes College	Brainerd	No	64 credits	2 years	Associates Degree	No	No	https://catalognavigator.clcmn.edu/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=2371&entitytype=CDD&entityid=2530&loadusere dits=False								
CNC Technologies	Central Lakes College	Brainerd	No	48 credits	3 semesters	Diploma	No	No	https://catalognavigator.cicmn.edu/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=2371&entitytype=CDD&entityid=2534&loadusere dits=False								
Machine Operations	Central Lakes College	Brainerd	No	32 credits	2 semesters	Diploma	No	No	https://catalognavigator.cicmn.edu/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=2371&entitytype=CDD&entityid=2533&loadusere dits=False								
Machine Tool Technology	Dunwoody College of Technology	Minneapolis	No	72 credits	4 Semesters	Associates Degree	No	No	https://catalog.dunwoody.edu/catalog-student-handbook/academic- programs/robotics-manufacturing/machine-tool-technology-mach-aas/								
Right Skills Now for CNC	Dunwoody College of Technology	Minneapolis	No	19 credits	2 semesters	Certificate	No	No	https://catalog.dunwoody.edu/catalog-student-handbook/academic- programs/robotics-manufacturing/right-skills-now-manufacturing-cnc- rsnm-certificate/#text								
Manufacturing Engineering Technology	Hennepin Technical College	Brooklyn Park	No	60 credits	2 years	Associates Degree	No	No	http://hennepintech.smartcatalogiq.com/2018-2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering-Technology/Manufacturing- Engineering-Technology/Manufacturing-Engineering-Technology-BP-EP-								
CNC Machining for Wood and Plastics	Hennepin Technical College	Brooklyn Park	No	13 credits	1 semester	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Building-and-Landscape/Woodworking-Technology/CNC- Machining-for-Wood-and-Plastics-BP-Advanced-Technical-Certificate								
CNC Swiss Turning Center Technician	Hennepin Technical College	Brooklyn Park	No	9 credits	1 semester	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/CNC-Swiss-Turning-Center-Technician-BP-								
CNC Technician	Hennepin Technical College	Brooklyn Park	No	64 credits	4 Semesters	Diploma	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Computer-Numerical-Control-CNC-								
CNC Technician	Hennepin Technical College	Brooklyn Park	No	72 credits	2 years	Associates Degree	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Computer-Numerical-Control-CNC-								
Computer Numerical Control Setup Technician	Hennepin Technical College	Brooklyn Park	No	17 credits	1/2 semesters	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Computer-Numerical-Control-CNC-Setup-								
Machine Technology CNC Programmer	Lake Superior College	Duluth	No	71 credits	2 years	Associates Degree	No	No	https://degrees.lsc.edu/wp-content/uploads/2018-Machine-Technology- CNC-Programmer-AAS.pdf								
Machine Technology CNC Programmer	Lake Superior College	Duluth	No	64 credits	2 years	Diploma	No	No	https://degrees.lsc.edu/wp-content/uploads/2018-Machine-Technology- CNC-Programmer-Diploma.pdf								
CNC Machinist	Minneapolis Community and Technical College	Minneapolis	No	60 credits	4 semesters	Associates Degree	No	No	https://mctc.decisionacademic.com/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=1249&topicid=1438&loaduseredits=False&_ga=1_ 117525833.1183797313.1464797681								
Precision machining	Minnesota West Community & Technical College	Granite Falls	No	60 credits	2 years	Associates Degree	No	No	http://www.mnwest.edu/programs-courses/list/precision-machining-aas								
Advanced Manufacturing Technology	Pine Technical and Community College	Pine City	No	60 credits	1-2 years	Associates Degree	No	No	http://pine.edu/programs/advanced-manufacturing-technology- programs/advanced-manufacturing-technology/advanced-manufacturing- technology-courses-and-programs								
Advanced Manufacturing Technology	Pine Technical and Community College	Pine City	No	45 credits	1-2 years	Diploma	No	No	http://pine.edu/programs/advanced-manufacturing-technology- programs/advanced-manufacturing-technology/advanced-manufacturing- technology-courses-and-programs								
CNC Precision Manufacturing Technician	Ridge water College	Hutchinson	Yes, Partial	64 credits	1-2 years	Diploma	Yes	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/machine-tool-technology-program/								
CNC Precision  Manufacturing  Technician	Ridge water College	Hutchinson	Yes, Partial	67 credits	2 years	Associates Degree	Yes	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/machine-tool-technology-program/								
Machining Technician	Ridge water College	Hutchinson	Yes, Partial	32 credits	2 semesters	Diploma	Yes	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/machine-tool-technology-program/								
Machine Tool Technology	South Central College	Faribault/Mankato	No	66 credits	4 semesters	Diploma	Yes	No	http://ecatalog.southcentral.edu/DIP%203517.php								
Machine Tool Technology	South Central College	Faribault/Mankato	No	72 credits	2 years	Associates Degree	Yes	No	http://ecatalog.southcentral.edu/AAS%203516.php								
CNC Machine Tool	Southeast Technical MN State College	Red Wing/Winona	No	58 credits	4 semesters	Diploma	No	No	http://www.southeastmn.edu/academic_programs/_program/Default.asp x?pid=28								

CNC and Advanced Machining	St. Cloud Technical & Community College	St.Cloud	No	60 credits	2 years	Associates Degree	Yes	No	https://www.sctcc.edu/degrees-programs/cnc-and-advanced-machining				
CNC and Advanced Machining	St. Cloud Technical & Community College	St.Cloud	No	54 credits	2 years	Diploma	Yes	No	https://www.sctcc.edu/degrees-programs/cnc-and-advanced-machining				
Computer-Aided Mechanical Design	St. Cloud Technical & Community College	St. Cloud	No	68 credits	2 years	Associates Degree	Yes	No	https://www.sctcc.edu/degrees-programs/computer-aided-mechanical- design/computer-aided-mechanical-design-aas-68-credits				
Computer-Aided Mechanical Design	St. Cloud Technical & Community College	St. Cloud	No	59 credits	1-2 years	Diploma	Yes	No	https://www.sctcc.edu/degrees-programs/computer-aided-mechanical- design/computer-aided-mechanical-design-diploma-59				
Mechanical Design & Manufacturing Technology	St. Cloud Technical & Community College	St. Cloud	No	18 credits	1 semester	Certificate	Yes	No	https://www.sctcc.edu/degrees-programs/computer-aided-design- manufacturing/mechanical-design-manufacturing-tech-18-credits				
Robotics & Automation Tech	St. Cloud Technical & Community College	St. Cloud	No	60 credits	2 years	Associates Degree	Yes	No	https://www.sctcc.edu/degrees-programs/energy-electronics/robotics-and- automation-technology-aas-60-credits				
Robotics & Automation Tech	St. Cloud Technical & Community College	St. Cloud	No	57 credits	2 years	Diploma	Yes	No	https://www.sctcc.edu/degrees-programs/energy-electronics/robotics-and- automation-technology-dip-57-credits				
CNC Toolmaking	St. Paul College	St. Paul	No	63 credits	1 1/2 to 2 years	Diploma	No	No	https://www.saintpaul.edu/programs/Pages/cnc-toolmaking.aspx				

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Flexographic Print Components	Color Theory	Color Measurement	Die Cutting	Printing Math and Measurement	Press Configurations	Print Terminology	Safety and Environmental Concerns	Paperwork/ QC signoffs	Troubleshooting and Problem-solving	Spec Reading/Print Reading
Flexo Tech	Flexo Association	Minneapolis	No	Non-credit	12 weeks	Certificate	Yes	Yes	to://www.flownersehistoch.c	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Business Math/Accounting	Computer Information Systems	Warehousing	Demand Planning	Customer Service and Fulfillment	Procurement	Logistics Strategy	Global Business	Distribution	Continuous Improvement, LEAN Processes
Transportation Management	Minnesota State College- Southeast Technical	Winona	No	60 credits	2 years	Associate of Applied Science	No	No	http://www.southeastmn.edu/academic_programs/_program/Default.aspx?pid=92										
Technical Management	Dakota County Technical College	Rosemount	Yes, partial	60 credits	2 years	Associate of Applied Science	No	No	https://www.dctc.edu/academics/programs-majors/business/technical-management/										
Supply Chain and Operations Management	Metropolitan State University	St. Paul	No	120 credits	4 years	Bachelor of Science	No	No	https://www.metrostate.edu/academics/programs/supply-chain-and-operations										
Global Supply Chain Management	Metropolitan State University	St. Paul	No	12 credits	1 year	Graduate Certificate	No	No	https://www.metrostate.edu/academics/programs/global-supply-chain-management										
Global Supply Chain Management	Minnesota State University Moorhead	Moorhead	Yes, partial	120 credits	4 years	Bachelor of Science	No	No	https://www.mnstate.edu/global-supply-chain-management/										
Operations Management	Minnesota State University Moorhead	Moorhead	Yes, partial	120 credits	4 years	Bachelor of Science	No	No	https://www.mnstate.edu/operations-management/										
Supply Chain Logistics	Saint Paul College	St. Paul	Yes, partial	60 credits	2 years	Associate of Applied Science	No	No	https://www.saintpaul.edu/programs/Pages/supply-chain-logistics.aspx										
Supply Chain Logistics	Saint Paul College	St. Paul	Yes, partial	19 credits	1 year	Graduate Certificate	No	No	https://www.saintpaul.edu/programs/Pages/supply-chain-logistics.aspx										
Supply Chain Management	Southwest Minnesota State University	Marshall	No	18 credits	1 year	Certificate	No	No	http://www.smsu.edu/catalog/index.html?program=176										

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Blueprint Reading	Shop Math and Measurement	CNC Turning	CNC Milling	CNC Setup and Programming basics	Machine Tool Theory	Molding	Metallurgy	Inspection
Machine Tool Technology	Alexandria Technical and Community College	Alexandria	No	72 credits	2 years	Diploma	Yes	Yes	https://www.alextech.edu/programs/machine-tool-technology/curriculum	Yes		Yes	Yes		Yes			
Advanced CNC Machine Technology	Anoka Technical College	Anoka	No	64 credits	1 year	Diploma	No	No	http://anokatech.edu/ProgramsCourses/EngManufTech/MachineTrades/C NCManufacturingTechnology									
CNC Design & Manufacturing Technology	Anoka Technical College	Anoka	No	69 credits	2 years	Associates Degree	No	No	http://www.anokatech.edu/ProgramsCourses/EngManufTech/MachineTrades/CNCManufacturingTechnology									
Machine Technology Certificate 1	Anoka Technical College	Anoka	No	16 credits	2 semesters	Certificate	No	No	http://www.anokatech.edu/en/ProgramsCourses/EngManufTech/Machine Trades/Machine-Technology									
Machine Technology Certificate 2	Anoka Technical College	Anoka	No	16 credits	2 semesters	Certificate	No	No	http://www.anokatech.edu/en/ProgramsCourses/EngManufTech/Machine Trades/Machine-Technology									
Machine Technology Certificate 3	Anoka Technical College	Anoka	No	16 credits	2 semesters	Certificate	No	No	http://www.anokatech.edu/en/ProgramsCourses/EngManufTech/Machine Trades/Machine-Technology									
Multi-Axis Machining	Anoka Technical College	Anoka	No	9 credits	2 semesters	Certificate	No	No	http://anokatech.edu/ProgramsCourses/EngManufTech/MachineTrades/ Multi-AxisMachining									
CNC Technologies	Central Lakes College	Brainerd	No	64 credits	2 years	Associates Degree	No	No	https://catalognavigator.cicmn.edu/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=2371&entitytype=CDD&entityid=2530&loadusere dits=False									
CNC Technologies	Central Lakes College	Brainerd	No	48 credits	3 semesters	Diploma	No	No	https://catalognavigator.cicmn.edu/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=2371&entitytype=CDD&entityid=2534&loadusere dits=False									
Machine Operations	Central Lakes College	Brainerd	No	32 credits	2 semesters	Diploma	No	No	https://catalognavigator.clcmn.edu/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=2371&entitytype=CDD&entityid=2533&loadusere dits=False									
Machine Technology	Central Lakes College	Brainerd	No	30 credits	2 semesters	Certificate	No	No	https://catalognavigator.cicmn.edu/Catalog/ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=2371&entitytype=CDD&entityid=2531&loadusere dits=False									
Machine Tool Technology	Dunwoody College of Technology	Minneapolis	No	72 credits	4 Semesters	Associates Degree	No	No	https://catalog.dunwoody.edu/catalog-student-handbook/academic- programs/robotics-manufacturing/machine-tool-technology-mach-aas/									
CNC Machining for Wood and Plastics	Hennepin Technical College	Brooklyn Park	No	13 credits	1 semester	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Building-and-Landscape/Woodworking-Technology/CNC- Machining-for-Wood-and-Plastics-BP-Advanced-Technical-Certificate									
CNC Operator	Hennepin Technical College	Brooklyn Park	Yes, Partial	30 credits	2 semesters	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/CNC-Operator-BP-Occupational-Certificate									
CNC Swiss Turning Center Technician	Hennepin Technical College	Brooklyn Park	No	9 credits	1 semester	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/CNC-Swiss-Turning-Center-Technician-BP-									
CNC Technician	Hennepin Technical College	Brooklyn Park	No	64 credits	4 Semesters	Diploma	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Computer-Numerical-Control-CNC-									
CNC Technician	Hennepin Technical College	Brooklyn Park	No	72 credits	2 years	Associates Degree	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Computer-Numerical-Control-CNC-									
Computer Numerical Control Setup Technician	Hennepin Technical College	Brooklyn Park	No	17 credits	1/2 semesters	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Computer-Numerical-Control-CNC-Setup-									
Tool and Die/Moldmaking	Hennepin Technical College	Brooklyn Park	No	72 credits	2 years	Associates Degree	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Tool-and-Die-Moldmaking-BP-Associate-in-									
Tool and Die/Moldmaking	Hennepin Technical College	Brooklyn Park	No	64 credits	4 Semesters	Diploma	No	No	http://hennepintech.smartcatalogiq.com/en/2018-2019/Catalog/Degrees- and-Programs/Manufacturing-and-Engineering-Technology/Machine-Tool- Technology-Quality-Assurance/Tool-and-Die-Moldmaking-BP-Diploma									
Industrial Systems Technology	Hibbing Community College	Hibbing	No	60 credits	2 years	Associates Degree	No	No	http://hibbing.edu/academics/areas-of-study/trade-and- industry/industrial-systems-technology									
Advanced Machine Production Technologist	Lake Superior College	Duluth	No	60 credits	2 years	Associates Degree	No	No	https://degrees.lsc.edu/advanced-machine-production-technologist/									
Automated Machining	Lake Superior College	Duluth	No	16 credits	1 semester	Certificate	No	No	https://degrees.lsc.edu/cnc-machine/									
Machine Production Technologist	Lake Superior College	Duluth	No	34 credits	2 semesters	Diploma	No	No	https://degrees.lsc.edu/machine-production-technologist/									
Manual Machinist Certificate	Lake Superior College	Duluth	No	30 credits	2 semesters	Certificate	No	No	https://degrees.lsc.edu/machinist/									
Electrical Controls & Maintenance	Mesabi Range College	Eveleth	No	67 credits	2 years	Diploma	No	No	http://www.mesabirange.edu/programs/ecm									
Electrical Controls & Maintenance	Mesabi Range College	Eveleth	No	72 credits	2 years	Associates Degree	No	No	http://www.mesabirange.edu/programs/ecm									
CNC Machinist	Minneapolis Community and Technical College	Minneapolis	No	60 credits	4 semesters	Associates Degree	No	No	https://mctc.decisionacademic.com/Catalog\ViewCatalog.aspx?pageid=vie wcatalog&topicgroupid=1249&topicid=1438&loaduseredits=False&_ga=1_ 117525833.1183797313.1464797681									
Precision machining	Minnesota West Community & Technical College	Granite Falls	No	60 credits	2 years	Associates Degree	No	No	http://www.mnwest.edu/programs-courses/list/precision-machining-aas									
Machine Technology	Northland Community& Technical College	Thief River Falls	Yes, Partial	30 credits	1 year	Certificate	No	No	http://www.northlandcollege.edu/programs/manufacturing/program_det_ail.php?program_code=COI2									
Advanced Manufacturing Technology	Pine Technical and Community College	Pine City	No	60 credits	1-2 years	Associates Degree	No	No	http://pine.edu/programs/advanced-manufacturing-technology- programs/advanced-manufacturing-technology/advanced-manufacturing- technology-courses-and-programs									
Advanced Manufacturing Technology	Pine Technical and Community College	Pine City	No	45 credits	1-2 years	Diploma	No	No	http://pine.edu/programs/advanced-manufacturing-technology- programs/advanced-manufacturing-technology/advanced-manufacturing- technology-courses-and-programs									
Precision Machining	Pine Technical and Community College	Pine City	No	28 credits	1 year	Certificate	No	No	http://pine.edu/programs/advanced-manufacturing-technology- programs/advanced-manufacturing-technology/advanced-manufacturing- technology-courses-and-programs									

CNC Certificate	Ridge water College	Hutchinson	Yes, Partial	18 credits	1-2 semesters	Certificate	Yes	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/machine-tool-technology-program/							l
CNC Precision Manufacturing Technician	Ridge water College	Hutchinson	Yes, Partial	64 credits	1-2 years	Diploma	Yes	Partially	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/machine-tool-technology-program/	Yes	Yes		Yes			
CNC Precision Manufacturing Technician	Ridge water College	Hutchinson	Yes, Partial	67 credits	2 years	Associates Degree	Yes	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/machine-tool-technology-program/							
Machining Technician	Ridge water College	Hutchinson	Yes, Partial	32 credits	2 semesters	Diploma	Yes	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/machine-tool-technology-program/							
Machining	Riverland Community College	Albert Lea	No	32 credits	2 semesters	Diploma	No	No	https://www.riverland.edu/academics/programs/machining- dip/machining/							
Machine Tool Technology	South Central College	Faribault/Mankato	No	66 credits	4 semesters	Diploma	Yes	Yes	http://ecatalog.southcentral.edu/DIP%203517.php							
Machine Tool Technology	South Central College	Faribault/Mankato	No	72 credits	2 years	Associates Degree	Yes	Yes	http://ecatalog.southcentral.edu/AAS%203516.php		Yes	Yes	Yes	Yes		
Machine Tool Technology - Foundation	South Central College	Faribault/Mankato	No	32 credits	2 semesters	Diploma	Yes	Yes	http://ecatalog.southcentral.edu/DIP%203519.php							
Manufacturing Production Technology	South Central College	Faribault/Mankato	No	16 credits	1 semester	Certificate	Yes	Yes	http://ecatalog.southcentral.edu/CERT3286.php							
MTT Right Skills Now	South Central College	Faribault/Mankato	No	17 credits	1 semester	Certificate	Yes	No	http://ecatalog.southcentral.edu/CERT3518.php							
CNC Machine Tool	Southeast Technical MN State College	Red Wing/Winona	No	58 credits	4 semesters	Diploma	No	No	http://www.southeastmn.edu/academic_programs/_program/Default.asp x?pid=28							
Machining Basics	Southeast Technical MN State College	1	No	13 credits	1 semesters	Certificate	No	No	http://www.southeastmn.edu/academic_programs/Major.aspx?MajorID= 619							
Machining Right Skills Now	Southeast Technical MN State College	1	No	17 credits	1 semester	Certificate	No	No	http://www.southeastmn.edu/academic_programs/Major.aspx?MajorID= 733							
Precision Machining	Southeast Technical MN State College	Red Wing/Winona	No	31 credits	2 semesters	Diploma	No	No	http://www.southeastmn.edu/academic_programs/Major.aspx?MajorID= 569							
Protoype Engineering	Southeast Technical MN State College	Red Wing/Winona	No	13 credits	1 semester	Certificate	No	No	http://www.southeastmn.edu/academic_programs/Major.aspx?MajorID= 738							
CNC and Advanced Machining	St. Cloud Technical & Community College	St.Cloud	No	60 credits	2 years	Associates Degree	Yes	No	https://www.sctcc.edu/degrees-programs/cnc-and-advanced-machining							
CNC and Advanced Machining	St. Cloud Technical & Community College	St.Cloud	No	54 credits	2 years	Diploma	Yes	No	https://www.sctcc.edu/degrees-programs/cnc-and-advanced-machining							
Computer-Aided Mechanical Design	St. Cloud Technical & Community College	St. Cloud	No	68 credits	2 years	Associates Degree	Yes	Pending	https://www.sctcc.edu/degrees-programs/computer-aided-mechanical- design/computer-aided-mechanical-design-aas-68-credits							
Computer-Aided Mechanical Design	St. Cloud Technical & Community College	St. Cloud	No	30 credits	2 semesters	Certificate	Yes	Pending	https://www.sctcc.edu/degrees-programs/computer-aided-mechanical- design/computer-aided-mechanical-design-cert-30-credits							
Computer-Aided Mechanical Design	St. Cloud Technical & Community College	St. Cloud	No	59 credits	1-2 years	Diploma	Yes	Pending	https://www.sctcc.edu/degrees-programs/computer-aided-mechanical- design/computer-aided-mechanical-design-diploma-59							
Mechanical Design & Manufacturing Technology	St. Cloud Technical & Community College	St. Cloud	No	18 credits	1 semester	Certificate	Yes	No	https://www.sctcc.edu/degrees-programs/computer-aided-design- manufacturing/mechanical-design-manufacturing-tech-18-credits							
Robotics & Automation Tech	St. Cloud Technical & Community College	St. Cloud	No	60 credits	2 years	Associates Degree	Yes	Yes	https://www.sctcc.edu/degrees-programs/energy-electronics/robotics- and-automation-technology-aas-60-credits	Yes						ļ
Robotics & Automation Tech	St. Cloud Technical & Community College	St. Cloud	No	57 credits	2 years	Diploma	Yes	Yes	https://www.sctcc.edu/degrees-programs/energy-electronics/robotics- and-automation-technology-dip-57-credits							
CNC Toolmaking	St. Paul College	St. Paul	No	63 credits	1 1/2 to 2 years	Diploma	No	No	https://www.saintpaul.edu/programs/Pages/cnc-toolmaking.aspx							
Machine Operator	St. Paul College	St. Paul	No	20 credits	2 semesters	Certificate	No	No	https://www.saintpaul.edu/programs/machine-operator							
CNC Mill Operation	The Idea Circle	Bemidji	No	Non-credit	1 year	Certificate	No	No	https://www.theideacircle.com/1_3_training.html							
CNC Lathe Operation	The Idea Circle	Bemidji	No	Non-credit	1 year	Certificate	No	No	https://www.theideacircle.com/1_3_training.html							

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Preventative Maintenance	Lubricants/ Lubrication Systems	Troubleshooting and Analysis	Robotics	Inspection Criteria	Motor Controls and PLC's	Blue Print Reading	Power Systems
Advanced Machine Production Technologist	Lake Superior College	Duluth	No	60 credits	2 years	Associates Degree	No	No	https://degrees.lsc.edu/advanced-machine- production-technologist/								
Automated Machinery Adjuster	Hennepin Technical College	Eden Prairie	No	33 credits	2 semesters	Diploma	Yes	No	http://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering-								
Automated Machinery Systems	Hennepin Technical College	Eden Prairie	No	60 credits	2 years	Diploma	Yes	No	http://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering-								
Automation Robotics Engineering Technology	Hennepin Technical College		No	60 credits	2 years	Associates Degree	Yes	Pending	http://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and- Proerams/Manufacturing-and-Engineering- http://hennepintech.smartcatalogiq.com/2018-								
Automation Technologies	Hennepin Technical College	Eden Prairie/Brooklyn Park	No	30 credits	2 semesters	Certificate	Yes	No	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Electronics Technology	Hennepin Technical College	Brooklyn Park	No	72 credits	2 years	Associates Degree	Yes	Pending	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Electronics Technology	Hennepin Technical College		No Yes.	64 credits	1-2 years	Diploma	Yes	Pending	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://www.ntcmn.edu/career-								
Engineering Technology	Northwest Technical College		partial	60 credits	2 years	Associates Degree	No	No	paths/engineering-technologies/engineering- technology/degrees-credentials/aas- https://hennepintech.smartcatalogiq.com/2018-								
Fluid Power Engineering Technician Fluid Power Engineering	Hennepin Technical College	Park		72 credits	2 years	Associates Degree	Yes	No	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Technician	Hennepin Technical College	Eden Prairie/Brooklyn Park Eden Prairie/Brooklyn		66 credits	1-2 years	Diploma	Yes	No	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Fluid Power Mechanic  Hydraulic Engineering	Hennepin Technical College	Park		34 credits	1 year	Diploma	Yes	No	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Technician  Hydraulic Engineering	Hennepin Technical College	Park	No	60 credits	1-2 years	Associates Degree	Yes	No	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Technician Industrial Building	Hennepin Technical College	Park		64 credits	1-2 years	Diploma	Yes	No	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Engineering and Maintenance Industrial Maintenance	Hennepin Technical College Riverland Community College		No No	44 credits	1 year	Diploma	Yes	No Yes	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://www.riverland.edu/academics/program s/industrial-maintenance-and-mechanics-			V		V		V	
and Mechanics Industrial Maintenance		Eden Prairie/Brooklyn		18 credits	1 semester	Certificate	Yes	No.	dio/description/ https://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and-			ies		ie.		ies	
Mechanic  Industrial Mechanical	Mesabi Range College	Park Eveleth	No	60 credits	2 years	Diploma	No	No	Programs/Manufacturing-and-Engineering- http://www.mesabirange.edu/programs/imt								
Technology Industrial Systems Technology	Hibbing Community College	Hibbing	No	60 credits	2 years	Associates Degree	No	No	http://hibbing.edu/academics/areas-of- study/trade-and-industry/industrial-systems-								
Machine Production Technologist	Lake Superior College	Duluth	No	34 credits`	2 semesters	Diploma	No	No	technology https://degrees.lsc.edu/machine-production-technologist/								
Maintenance Worker	The Idea Circle	Bemidji	No	Non credit	1 Year	Certificate	Yes	Yes	https://www.theideacircle.com/1 3 training.ht ml	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Manufacturing Maintenance Tech	Central Lakes College	Brainerd	No	64 credits	2 years	Diploma	No	No	http://www.clcmn.edu/manufacturing- maintenance-technician-diploma-2/								
Manufacturing Skills Standard	Riverland Community College	Albert Lea	No	9 credits	1 semester	Certificate	No	No	https://www.riverland.edu/academics/program s/manufacturing-skills-standard-cert/http-www- riverland-edu-academics-programs-								
Manufacturing Technician	Hennepin Technical College	Eden Prairie	No	30 credits	2 semesters	Certificate	Yes	No	http://www.minnstate.edu/admissions/ge/hen nepin/GEDT 0204 90000035 1/gedt.html								
National Certified Fluid Power Specialist	Hennepin Technical College	Eden Prairie/Brooklyn Park	No	10 credits	1 semester	Certificate	Yes	No	https://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering-								
Pneumatic Engineering Technician	Hennepin Technical College	Park		60 credits	2 years	Associates Degree	Yes	No	https://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and- Proerams/Manufacturine-and-Engineering- https://hennepintech.smartcatalogiq.com/2018-								
Pneumatic Engineering Technician	Hennepin Technical College	Eden Prairie/Brooklyn Park		64 credits	1-2 years	Diploma	Yes	No	1019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- http://hennepintech.smartcatalogiq.com/2018-								
Production Technologies	Hennepin Technical College	Park	No	16 credits	1 semester	Certificate	Yes	No	2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering- https://www.ntcmn.edu/career-								
			Yes	16 credits	1 semester	Certificate	No	No	paths/manufacturing-technologies/production- technologies/degrees-credentials/certificate-								
Production Technologist	Lake Superior College	Duluth	No	8 credits	1 semester	Certificate	No	No	https://degrees.lsc.edu/production- technologist/ https://catalognavigator.clcmn.edu/Catalog/Vie								
Production Technology Certificate	Central Lakes College	Brainerd	No	16 credits	1 semester	Certificate	No	No	wCatalog.aspx?pageid=viewcatalog&topicgroup id=2371&entitvtvpe=CDD&entitvid=2532&load								

Program	Traininginstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	PLC Systems	Hydraulic Systems	Drivers	Schematics	Troubleshootin	Basic Machining	Hand Tools	Fluid Power Transmission	Blueprint Reading	Troubleshooting	Electrical and Electrical	Motor Controls	Electrical Control Circuits	Outlet to Machines	Blueprint Reading	Schematics	Troubleshooting
Mechatronics	Alexandria Technical and Community College	Alexandria	No	72 credits		Associates Degree	No	No	https://www.alextech.edu/programs/mechatronics					8						Systems		Circuits				
Electronic Engineering Technology	Anoka Technical College	Anoka	No	72 credits		Associates Degree	No	No	http://anokatech.edu/en/ProgramsCourses/EngManufTech/Electro																	
Electronic Engineering Technology	Anoka Technical College		No	32 credits	2 semesters		No	No	http://anokatech.edu/ProgramsCourses/EngManuffech/ElectronicE																	
Special Electronics	Anoka Technical College		No	72 credits		Associates Degree	No	No	ngineeringTech/Electronic-Technology http://anokatech.edu/ProgramsCourses/EngManufTech/ElectronicE																	
Technician Mechatronics	Central Lakes College	Brainerd	No	40 credits		Diploma	No	No	ngineeringTech/SpecialElectronicsTechnician http://www.cicmn.edu/mechatronics-diploma-2/																	
Industrial and Energy	Dakota County Technical College	Rosemount	-	45 credits		Diploma	No	No	https://www.dctc.edu/academics/programs-majors/construction-																	
Plant Maintenance Automated Systems and	Dunwoody College of	Minneagolis	<u> </u>	72 credits		Associates Degree	No	No	manufacturing/industrial-energy-plant-maintenance/ https://catalog.dunwoody.edu/catalog.student- handbook/academic-erograms/robotics-manufacturing/automated-																	
Robotics Industrial Controls and	Technology  Dunwoody College of	Minneapolis	NO .			Associates Degree			systems-robotics-asro-aas/ https://catalog.dunwoody.edu/catalog-student-																	$\vdash$
Robotics Industrial Controls	Technology  Dunwoody College of	Minneapolis	No No	60 credits 23 credits			No	No	Bandhoor Jacoberns energiam irrobotics manufacturing/imbustriats controls-robotics-loon-aad- https://furalabg.dom.mondry.dou/furalabg-students- bandhoor/stackerns-generam irrobotics-manufacturing/imbustriat- controls-robotics-loon-certificate/ states-firatable dimmanufacturi/furalabe.cutviests- states-firatable dimmanufacturi/furalabe.cutviests-																$\overline{}$	$\vdash$
	Technology  Dunwoody College of		No		2 semesters		No	No	handbook/academic-programs/robotics-manufacturing/industrial- controls-robotics-icon-certificate/ https://catalog.dunwoody.adu/ratalog-student- handbook/academic-programs/robotics-manufacturing/electronics-																$\vdash$	$\vdash$
Electronics Engineering Technology	Dunwoody College of Technology	Minneapolis	No	72 credits		Associates Degree	No	No	handbook/academic-programs/robotics-manufacturing/electronics- engineerine-technology-eltt-aas/ https://fcatalog.dom/ende/stat/catalog-student- handbook/academic-programs/robotics-manufacturing/electronics-																$\vdash$	
Electronics Technology	Dunwoody College of Technology	Minneapolis	_	60 credits		Associates Degree	No	No	http://hemepintech.smartcatalogiq.com/2018-																	
Automation Robotics Engineering Technology	Hennepin Technical College	Eden Prairie Brooklyn Park/Eden	_	60 credits		Associates Degree	Yes	Partially	2019/Catalog/Degrees-and-Programs/Manufacturing-and- Engineering-Technology/Automation-Robotics-Engineering- https://hennepintech.smartcatalogig.com/en/2018-	Yes		Yes	Yes							Yes	Yes	Yes		Yes	Yes	Yes
Production Technologies		Park/Eden Prairie Brooklyn Park/Eden	-	16 credits			Yes	No	2019/Catalog/Degrees-and-Programs/Manufacturing-and- Engineering-Technology/Automation-Robotics-Engineering- https://hennegintech.smartcatalogio.com/2018-																$\vdash$	
Automation Technologies	Conside	Prairie	-	30 credits			Yes	No	2019/Catalog/Degrees and Programs/Manufacturing and Engineering-Technology/Automation-Robotics-Engineering- https://hennegintech.smartcatalogio.com/2018-																$\vdash$	
Electronics Technology	Conege	Brooklyn Park	_	72 credits		Degree	Yes	No	2019/Catalog/Degrees-and-Programs/Manufacturing-and- Eneinperine-Technology/Electronics-Technology/Electronics- https://hennepintech.smartcatalogio.com/2018-																	
Electronics Technology	Conede	Brooklyn Park	_	64 credits		-	Yes	No	2019/Catalog/Degrees.and.Programs/Manufacturing.and.																	$\square$
Mechatronics	Conege	Eden Prairie	No	17 credits	1 semester	Certificate	Yes	No	Entinegrine Technology/Electronics: Technology/Electronics- http://hemnepintech.smartcalalogis.com/2018- 2019/Catalog/Decress-and-Programs/Manafacturing-and- Entinegrine Technology/Automation-Robotics-Entineering-																igsquare	
Controls Engineering Technician		Eden Prairie	No	60 credits		Diploma	Yes	Partially	http://hennepintech.smartcatalogio.com/2018. 2019/Catalog/Degrees-and-Programs/Manufacturing-and- Engineering-Technology/Automation-Robotics-Engineering-																	
Fluid Power Engineering Technician	Hennepin Technical College	Brooklyn Park/Eden Prairie	No	72 credits	2 years	Associates Degree	Yes	Partially	https://hennepintech.smartcatalogiq.com/2018- 2019/Catalog/Degrees-and-Programs/Manufacturing-and- Engineerine-Technology/Fluid-Power-Engineerine-and-Motion-																	
Fluid Power Engineering Technician	Conege	Prairie Brooklyn Park/Eden Prairie	No	66 credits	2 years	Diploma	Yes	Partially	https://hennepintech.smartcatalogio.com/2018- 2019/Catalog/Degrees-and-Programs/Manufacturing-and- Engineerine-Technology/Fluid-Power-Engineerine-and-Motion-																	
Mechatronics	Hennepin Technical College	Eden Prairie	No	60 credits	2 years	Diploma	Yes	Pending	http://hennepintech.smartcatalogis.com/2018- 2019/Catalog/Degrees-and-Programs/Manufacturing-and- Engineering-Technology/Automation-Robotics-Engineering-																	
Production Technologist	Lake Superior College	Duluth	No	8 credits	1 semester	Certificate	Yes	Yes	https://degrees.lsc.edu/production-technologist/																	
Engineering	Minnesota State University - Mankato	Bloomington	Yes, partial	32 credits	2 years	Masters	Yes	Partially	http://cset.mnsu.edu/ie/tce.html	Yes		Yes	Yes	Yes	Yes	Yes	Yes Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Engineering Management	Minnesota State University - Mankato	Bloomington	Yes, partial	32 credits	2 years	Masters	Yes	Partially	http://www.mnsu.edu/gsm/em/	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes		Yes			Yes		Yes
Mechatronics	Community & Technical		No.	44 credits	2 years	Diploma	Yes	Partially	http://www.mnwest.edu/programs-courses/list/mechatronics- diploma	Yes				Yes					Yes							Yes
Mechatronics	Community & Technical	on Granite Falls/Worthingt	No.	60 credits	2 years	Associates Degree	Yes	Partially	http://www.mnwest.edu/programs-courses/list/mechatronics-aas																	
Mechatronics Fluid Power Specialist	College Minnesota West Community & Technical College	Granite Falls/Worthingt	No.	17 credits	1 semester	Certificate	Yes	No	http://www.mnwest.edu/programs-courses/list/mechatronics-fluid- power-specialist-certificate																	
Automation and Robotics Systems Technology	Ridgewater College		No	67 credits	2 years	Associates Degree	No	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/automation-robotic-systems-technology- orogram/																	
Automation and Robotics Systems	Ridgewater College	Hutchinson	No	64 credits		Diploma	No	No	https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/automation-robotic-systems-technology																	
Process Controls Technician	Ridgewater College	Hutchinson	No	60 credits	2 years	Associates Degree	No	No	oroeram/ https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/automation-robotic-systems-technology																	
Process Controls Technician	Ridgewater College	Hutchinson	No	51 credits			No	No	organs/ https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/automation-robotic-systems-technology																	
Process Controls Technician	Ridgewater College	Hutchinson	No	30 credits	2 semesters	Certificate	No	No	organm/ https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/automation-robotic-systems-technology-																	
Manufacturing Production Technologies	Ridgewater College	Hutchinson	No	16 credits	1 semester	Certificate	No	No	organm/ https://www.ridgewater.edu/academics/areas-of-study/advanced- manufacturing-engineering/automation-robotic-systems-technology-																	
Mechatronics	South Central College	Faribault/Mank	Yes, partial	60 credits	2 years	Associates Degree	Yes		http://ecatalog.southcentral.edu/AAS%203470.php		Yes	Yes	Yes	Yes		Yes	Yes Yes	Yes	Yes	Yes	Yes			Yes		
Engineering Technology Intermediate Mechatronics		Faribault/Mank	_		3 semesters		Yes	No	http://ecatalog.southcentral.edu/DtP%203485.php																	
Engineering Technology Mechatronics Industrial		Faribault/Mank	_		2 semesters		Yes	No	http://ecatalog.southcentral.edu/CERT3603.php																	
Maintenance Mechatronics	St. Cloud Technical and		_	60 credits		Associates Degree	No	No	https://www.sctcc.edu/degrees-programs/energy-																	
Electromechanical Systems		St. Paul	Mo.	57 credits		Diploma	No	No	electronics/mechatronics-aas-60-credits https://www.saintpaul.edu/programs/electromechanical-systems																	
Systems  Electromechanical Systems		St. Paul	No	29 credits	_	-	No	No	https://www.saintpaul.edu/orgarams/electromechanical-systems																	$\vdash$
Systems Mechatronics	St Cloud Technical and		-	55 credits		Diploma	No No	No	https://www.sct.cc.edu/degrees-programs/energy-																	$\vdash$
Mechatronics	Community consign		-	30 credits	,		No No	No No	electronics/methatronics-diploma-55-credits https://www.sctcc.edu/degrees-programs/energy-																	$\vdash$
	St. Cloud Technical and		-						electronics/mechatronics-certificate-30-credits																	
	St. Cloud Technical and		_	60 credits		Associates Degree	No	No	https://www.sctc.edu/deprees-programs/energe- plectronics/robotics-and-automation-technology-aas-60-credits. https://www.sctc.edu/deprees-programs/energe-																$\overline{}$	$\vdash$
Robotics and Automation Technology Instrumentation &	Community College St. Cloud Technical and Community College		No		2 years	Diploma Associates	No	No	electronics/robotics-and-automation-technology-dip-57-credits https://www.sctcc.edu/degrees-programs/energy-																	$\vdash$
Instrumentation & Process Control Instrumentation &	St. Cloud Technical and Community College St. Cloud Technical and Community College		No	60 credits		Degree	No	No	electronics/instrumentation-process-control-aas-60-credits https://www.sctcc.edu/degrees-programs/energy-																	
Process Control			No	54 credits		Diploma	No	No	electronics/instrumentation-process-control-dip-54-credits																	$\vdash$
Energy Technical Specialist-Nuclear	St. Cloud Technical and Community College		No	74 credits		Degree	No	No	https://www.sctcc.edu/degrees-programs/energy- electronics/energy-technical-specialist-nuclear-aas-74-credits																$\vdash$	
Energy Technical Specialist	St. Cloud Technical and Community College	St. Cloud	No	60 credits	2 years	Associates Degree	No	No	https://www.sctcc.edu/degrees-programs/energe- electronics/energy-technical-specialist-aas-50-credits																	

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Blueprint Reading	Shop Math and Measurement	Basic Operations of Machines and Use of Tools	Advanced Inspection	Critical Thinking Theories	Root Cause Analysis	OSHA Compliance	Management Principles	Statistics
Quality Technician Certification (CQT)	ASQ	On-line, Virtual	Yes	Non-Credit	Varies	Certificate	No	No	https://asq.org/cert/quality-technician									
Six Sigma Green Belt Certification	Manufacturer's Alliance	Golden Valley	No	Non-Credit	More than one term, less than one year	Green Belt Certification	No	No	https://www.mfrall.com/certification_programs/24									
Lean Practitioner Certification	Manufacturer's Alliance	Golden Valley	No	Non-Credit	More than one term, less than one year	Certificate	No	No	https://www.mfrall.com/certification_programs /72									
Manufacturing Engineering	St. Cloud State University	St. Cloud	No	109 credits	4 years	Bachelors Degree	No	No	https://catalog.stcloudstate.edu/Catalog/ViewC atalog.aspx?pageid=viewcatalog&topicgroupid= 1765									
Quality Assurance	Hennepin Technical College	Brooklyn Park/Eden Prairie	No	16 credits	2 semesters	Certificate	No	No	http://hennepintech.smartcatalogiq.com/en/20 18-2019/Catalog/Degrees-and- Programs/Manufacturing-and-Engineering-									
Nondestructive Testing Technology	Ridgewater College	Hutchinson	No	72 credits	1-2 years	Associates Degree	No	No	https://www.ridgewater.edu/academics/areas- of-study/advanced-manufacturing- engineering/nondestructive-testing-technology/									
Nondestructive Testing Technology	Ridgewater College	Hutchinson	No	72 credits	1-2 years	Diploma	No	No	https://www.ridgewater.edu/academics/areas- of-study/advanced-manufacturing- engineering/nondestructive-testing-technology/									
Advanced Ultrasonic Testing Technology	Ridgewater College	Hutchinson	No	64 credits	3 semesters	Diploma	No	No	https://www.ridgewater.edu/academics/areas- of-study/advanced-manufacturing- engineering/nondestructive-testing-technology/									
Machine Tool Technology	South Central College	Faribault	No	72 credits	2 years	Associates Degree	No	No	http://ecatalog.southcentral.edu/AAS%203516. php									
Machine Tool Technology	South Central College	Mankato	No	72 credits	2 years	Associates Degree	No	No	http://ecatalog.southcentral.edu/AAS%203516. php									
Machine Tool Technology	South Central College	Faribault	No	66 credits	1-2 years	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203517.php									
Machine Tool Technology	South Central College	Mankato	No	66 credits	1-2 years	Diploma	No	No	http://ecatalog.southcentral.edu/DIP%203517.p hp									
Manufacturing Engineering Technology	Minnesota State University	Mankato	No	128 credits	4 years	Bachelors Degree	No	No	https://cset.mnsu.edu/met/programs/undergra d/curriculum.html									
Quality Management Systems	Minnesota State University	Mankato	No	15 credits	1 semester	Graduate Certificate	No	No	https://www.mnsu.edu/geprograms/quality_ma nagement_systems_gc.html									
Manufacturing Management in Quality Management	University of Minnesota Crookston	Crookston	Yes	120 credits	4 years	Bachelors Degree	No	No	https://online.umn.edu/degrees- certificates/bachelor-manufacturing- management-quality-management									
Production Technologist	Lake Superior College	Duluth	No	8 credits	1 semester	Certificate	No	No	https://degrees.lsc.edu/production- technologist/									
Manufacturing Production Technologies	Ridgewater College	Hutchinson	No	16 credits	1 semester	Certificate	No	No	http://legacy.ridgewater.edu/Credentials/index. cfm?Credential ID=2494									

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Food Sanitation	Food Processing Microbiology	Training/Adult Learning	Documentation	Critical Thinking Theories	Food Security/Bio Security	Food Science/ R & D	Quality Management	Root Cause Analysis	Management Principles	Food Law
Food Science	Minnesota West Community & Technical College	Worthington	No	60 credits	2 years	Associates Degree	No	No	http://www.mnwest.edu/programs-courses/list/food- science-as											
Food Science	Normandale Community College	Bloomington	No	60 credits	2 years	Associates Degree	No	No	http://www.normandale.edu/catalog/programs-of- study/associate-of-science/food-science-(as)60- credits											
Food Science Technology	Riverland Community College	Albert Lea	Yes	60 credits	2 years	Associates Degree	Yes	Partially	https://www.riverland.edu/academics/programs/food-sci	ence-technology-a	s/description/									
Food Science Technology	Riverland Community College	Austin	Yes	60 credits	2 years	Associates Degree	Yes	Partially	https://www.riverland.edu/academics/programs/food-sci	ence-technology-a	s/description/									
Food Science Technology	Riverland Community College	Owatonna	Yes	60 credits	2 years	Associates Degree	Yes	Partially	https://www.riverland.edu/academics/programs/food-sci	ence-technology-a	s/description/									
Food Science	University of Minnesota	Minneapolis	No	120 credits	4 years	Bachelors Degree	No	No	https://onestop2.umn.edu/pcas/viewCatalogProgram.d o?programID=271&strm=1153&campus=UMNTC											
Food Science Technology	Minnesota State University Mankato	Mankato	No	120 credits	4 years	Bachelors Degree	No	No	http://cset.mnsu.edu/biology/programs/ugrad/foodscie nce.html											
Food Science	Riverland Community College	Albert Lea	No	16 credits	Less than or up to 1 year	Certificate	No	No	https://www.riverland.edu/academics/programs/food- science-cert/description/											
Food Science	Riverland Community College	Austin	No	16 credits	Less than or up to 1 year	Certificate	No	No	https://www.riverland.edu/academics/programs/food- science-cert/description/											
Food Science	Riverland Community College	Owatonna	No	16 credits	Less than or up to 1 year	Certificate	No	No	https://www.riverland.edu/academics/programs/food- science-cert/description/											
Food Science Concentration	Riverland Community College	Austin	No	60 credits	2 years	Associates Degree	No	No	https://www.riverland.edu/academics/programs/food- science-concentration-aa/http-riverland-edu-academics- programs-food-science-concentration-aa-description/											
Quality Management Systems	Minnesota State University	Mankato	No	15 credits	Less than or up to 1 year	Graduate Certificate	No	No	https://www.mnsu.edu/geprograms/quality_manageme nt_systems_gc.html											

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Management Principles	Training/Adult Learning	Occupational Health Practices	Relevant Equipment and Machinery Proficiency	Hazardous Chemical Proficiency	Physical Safety and Ergonomics Best Practices
Safety Coordinator Occupational Certificate	Hennepin Technical College	Brooklyn Park	No	30 credits	2 semesters	Certificate	No	No	https://hennepintech.smartcatalogiq.co m/2018-2019/Catalog/Degrees-and- Programs/Emergency-and-Public-						
Hazardous Materials Technology	Hennepin Technical College	Eden Prairie	No	10 credits	1 semester	Certificate	No	No	https://hennepintech.smartcatalogiq.co m/2018-2019/Catalog/Degrees-and- Programs/Emergency-and-Public-						
Master of Environmental Health & Safety	University of Minnesota	Duluth	No	36 credits	2 years	Masters Degree	No	No	https://scse.d.umn.edu/graduate- programs/health-safety						
Industrial Hygiene Masters	University of Minnesota	Twin Cities	No	52 credits	2-3 years	Masters Degree	No	No	http://www.mcohs.umn.edu/ih-degrees/						
National Institute for Metalworking Skills (NIMS)	Tooling University	Out of state	Yes	Non credit	1 year	Certificate	Yes	No	https://www.toolingu.com/training/certi- ications/nims	f					
Safety Practitioner	Minnesota State Community and Technical College	Fergus Falls, Detroit Lakes & Moorhead	Yes, partial	17 credit	Less than 1 year	Certificate	No	No	http://www.minnstate.edu/college- search/public/institution/programProfile ?search=college&rcid=0142&progld=182						
Safey Technician	The Idea Circle	Bemidji	No	Non-credit	Less than 1 year	Certificate	No	No	https://www.theideacircle.com/1_3_training.html						

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	ParticipatinginDTG	CompetenciesMapped	URL	Welding Math and Measuring	Material Inventory Control	Machine Maintenance	Geometric Dimensioning and Tolerancing	Basic Fabrication
Welding Technology	Alexandria Technical and Community College	Alexandria	No	44 credits	1.5 years	Certificates	No	No	https://www.alextech.edu/programs/welding-technology/curriculum					
Welding	Anoka Technical College	Anoka	No	66 credits	2 years	Associates Degree	No	No	http://www.anokatech.edu/-/media/Files/New-Web-Site-Files/Programs-and-Courses/Guidesheets/2019/Welding- degree.ashx?la=en&hash=4612188843A7205C6D541DF91886FCC99883DC6C					
Welding Technology	Anoka Technical College	Anoka	No	34 credits	2 semesters	Diploma	No	No	http://www.anokatech.edu/-/media/Files/New-Web-Site-Files/Programs-and-Courses/Guidesheets/2019/Welding- Technology-diploma.ashx?la=en&hash=E0145CE5B03ED8591777847A1601F54E814F53					
Welding Fabricator	Anoka Technical College	Anoka	No	17 credits	1 semester	Certificate	No	No	http://www.anokatech.edu/-/media/Files/New-Web-Site-Files/Programs-and-Courses/Guidesheets/2019/Welding- Fabricator-certificate.ashn?la-en&hash=DF0D86CEF301155A82E434C8504328E6E90185DD					
Basic Welding	Anoka Technical College	Anoka	No	17 credits	1 semester	Certificate	No	No	http://www.anokatech.edu/-/media/Files/New-Web-Site-Files/Programs-and-Courses/Guidesheets/2019/Basic- Welding-certificate.ashx?la=en&hash=A95049AA9C2E17C03FE5B0F8E63A75AAE9F19311					
Pipe Welding	Anoka Technical College	Anoka	No	17 credits	1 semester	Certificate	No	No	http://www.anokatech.edu/-/media/Files/New-Web-Site-Files/Programs-and-Courses/Guidesheets/2019/Pipe- Welding-Certificate.ashx?la=en&hash+B5F1AACC74677FD0616D18D9CF53FD22886E41C0					
Welding and Fabrication	Central Lakes College	Brainerd	No	60 credits	2 years	Associates Degree	No	No	https://catalognavigator.clcmn.edu/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=16&chapterid=159&topi ggroupid=2368&loaduseredits=False					
Welding Technology	Central Lakes College	Brainerd	No	30 credits	1 year	Certificate	No	No	https://catalognavigator.clcmn.edu/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=16&chapterid=159&topi cgroupid=2368&loaduseredits=False					
Robotic Welding	Central Lakes College	Brainerd	No	16 credits	1 semester	Certificate	No	No	https://catalognavigator.clcmn.edu/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=16&chapterid=159&topi ggroupid=2368&loaduseredits=False					
Welding and Fabrication	Central Lakes College	Brainerd	No	45 credits	3 semesters	Diploma	No	No	https://catalognavigator.clcmn.edu/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=16&chapterid=159&topi cgroupid=236&&loaduseredits=False					
Welding	Century College	White Bear Lake	No	16 credits	1 semester	Certificate	No	No	https://www.century.edu/programs/welding					
Welding Technology	Dakota County Technical College	Rosemount	No	36 credits	1 year	Diploma	No	No	https://www.dctc.edu/academics/programs-majors/construction-manufacturing/welding-technology/					
Welding & Metal Fabrication	Dunwoody College of Technology	Minneapolis	No	72 credits	2 years	Associates Degree	No	No	https://catalog.dunwoodv.edu/catalog-student-handbook/academic-programs/robotics-manufacturing/welding-metal- fabrication-wmet-aas/					
Welding Technology	Dunwoody College of Technology	Minneapolis	No	32 credits	1 year	Certificate	No	No	https://catalog.dunwoody.edu/catalog-student-handbook/academic-programs/robotics-manufacturing/welding-technology-certificate/					
Welding	Hennepin Technical College	Brooklyn Park	No	55 credits	6 semesters	Diploma	Yes	No	https://www.hennepintech.edu/academic-programs/manufacturing-and-engineering-technology/welding-metal-fabrication/index.html					
GMAW Production Welder (MIG)	Hennepin Technical College	Brooklyn Park	No	16 credits	2 semesters	Certificate	Yes	No	https://www.hennepintech.edu/academic-programs/manufacturing-and-engineering-technology/welding-metal-fabrication/index.html					
GTAW Production Welder (TIG)	Hennepin Technical College	Brooklyn Park	No	16 credits	2 semesters	Certificate	Yes	No	https://www.hennepintech.edu/academic-programs/manufacturing-and-engineering-technology/welding-metal-fabrication/index.html					
Structural Iron Fabrication and Repair	Hennepin Technical College	Brooklyn Park	No	22 credits	2 semesters	Certificate	Yes	No	https://www.hennepintech.edu/academic-programs/manufacturing-and-engineering-technology/welding-metal- fabrication/index.html					
Welding	Lake Superior College	Duluth	No	65 credits	2 years	Diploma	No	No	https://degrees.isc.edu/welding-diploma/					
Welding	Lake Superior College	Duluth	No	24 credits	2 semesters	Certificate	No	No	https://degrees.isc.edu/wp-content/uploads/2018-Welding-Certificate.pdf					
Gas Tungsten Arc Welding Production	Lake Superior College	Duluth	No	18 credits	1 semester	Certificate	No	No	https://degrees.isc.edu/gtaw/					
Welding Technologist	Lake Superior College	Duluth	No	32 credits	2 semesters	Diploma	No	No	https://degrees.isc.edu/welding-technologist/					
Advanced Welding Technologist	Lake Superior College	Duluth	No	60 credits	2 years	Associates Degree	No	No	https://degrees.isc.edu/advanced-welding-technologist/					
Welding Technology	Mesabi Range College	Eveleth	No	65 credits	2 years	Diploma, AWS Cert Optional	No	No	http://www.mesabirange.edu/programs/welding-technology/					
Welding and Metal Fabrication	Minneapolis Community and Technical College	Minneapolis	No	60 credits	2 years	Associates Degree	No	No	https://www.minneapolis.edu/academicsschool-trade-technologies/welding-and-metal-fabrication					
Welding and Metal Fabrication	Minneapolis Community and Technical College	Minneapolis	No	30 credits	3 semesters	Certificate	No	No	https://www.minneapolis.edu/academicsschool-trade-technologies/welding-and-metal-fabrication					
Welding	Minnesota West Community & Technical College	Jackson	No	32 credits	1 year	Diploma	No	No	http://www.mnwest.edu/programs-courses/list/welding-diploma					
Welding	Minnesota West Community & Technical College	Canby, Granite Falls,	No	16 credits	1 semester	Certificate	No	No	http://www.mnwest.edu/programs-courses/list/welding-certificate					
Welding Technology	Northland College	East Grand Forks, Online	Yes	30 credits	1 year	Certificate	No	No	http://www.northlandcollege.edu/programs/manufacturing_online/program_detail.php?program_code=COI4					
Welding Technology	Northland College	East Grand Forks	No	36 credits	1 year	Diploma	No	No	http://www.northlandcollege.edu/programs/welding_technology/program_detail.php?program_code=600					
Welding Process Technology	Northland College	Thief River Falls	No	33 credits	1 year	Diploma	No	No	http://www.northlandcollege.edu/programs/welding_technology/program_detail.php?program_code=603					
Welding Manufacturing Technology	Northland College	Thief River Falls	No	31 credits	1 year	Diploma	No	No	http://www.northlandcollege.edu/programs/welding_technology/program_detail.php?program_code=610					

Welding Manufacturing	Northland College	Thief River	No	17 credits		Certificate	No	No	http://www.northlandcollege.edu/programs/welding technology/program detail.php?program code=606					
Technology	Northland College	Falls	INO	17 credits	1 semester	Certificate	No	No	Intp://www.northandconege.edu/programs/weiding_technology/program_detail.php?program_code=000					
Welding Process Technology	Northland College	Thief River Falls	No	16 credits	1 semester	Certificate	No	No	http://www.northlandcollege.edu/programs/welding_technology/program_detail.php?program_code=604					
Welding Technology	Northwest Tech College	Bemidji	No	30 credits	1 year	Certificate	No	No	https://www.ntcmn.edu/career-paths/manufacturing-technologies/welding-technology/					
Welding Technology	Pine Technical & Community College	Pine City	No	33 credits	2 semesters	Diploma	No	No	http://pine.edu/programs/advanced-manufacturing-technology-programs/welding/					
Welding Technology	Pine Technical & Community College	Pine City	No	30 credits	2 semesters	Certificate	No	No	http://pine.edu/programs/advanced-manufacturing-technology-programs/welding/					
Welding	Ridgewater College	Hutchinson/ Willmar	No	72 credits	2 years	Associates Degree	No	No	https://www.ridgewater.edu/academics/areas-of-study/advanced-manufacturing-engineering/welding-program/					
Welding	Ridgewater College	Hutchinson/ Willmar	No	64 credits	3-4 semesters	Diploma	No	No	https://www.ridgewater.edu/academics/areas-of-study/advanced-manufacturing-engineering/welding-program/					
Welding	Ridgewater College	Hutchinson/ Willmar	No	34 credits	2 semester	Diploma	No	No	https://www.ridgewater.edu/academics/areas-of-study/advanced-manufacturing-engineering/welding-program/					
Welding	Ridgewater College	Hutchinson/ Willmar	No	16 credits	1 semester	Certificate	No	No	https://www.ridgewater.edu/academics/areas-of-study/advanced-manufacturing-engineering/welding-program/					
Welding	Riverland College	Albert Lea	No	32 credits	2 semester	Diploma	No	No	https://www.riverland.edu/academics/programs/welding-dip/description/					
Welding Technology	Riverland College	Albert Lea, Online	Yes	30 credits	4 semester	Certificate	No	No	https://www.riverland.edu/academics/programs/welding-technology-cert/description/					
Welding	Rochester Community and Technical College	Rochester	No	17 credits	1 semester	Certificate	No	No	https://www.rctc.edu/program/welding/					
Welding Technology	Saint Paul College	St. Paul	No	48 credits	3 semester	Diploma	No	No	https://www.saintpaul.edu/programs/Pages/welding-technology.aspx					
Robotic Welding	Saint Paul College	St. Paul	No	17 credits	1 semester	Certificate	No	No	https://www.saintpaul.edu/programs/robotic-welding					
Welding	South Central College	Faribault	No	35 credits	2 semester	Diploma	No	No	http://southcentral.edu/Majors-and-Programs/welding-program.html					
Welding	South Central College	Faribault	No	16 credits	1 semester	Certificate	No	No	http://southcentral.edu/Majors-and-Programs/welding-program.html					
Welding Technology	Southeast Technical MN State College	Winona	No	34 credits	1 year	Diploma	No	No	http://www.southeastmn.edu/academic_programs/_program/default.aspx?pid=48					
Welding/Fabrication Diploma	St. Cloud Technical and Community College	St. Cloud	No	37 credits	1 year	Diploma	Yes	Yes	https://www.sctcc.edu/degrees-programs/weldingfabrication	No	No	No	No	Yes

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participating inDTG	Competencies Mapped	URL	Safety and environmental considerations		Graphic arts	Postal regulations	Color software	Troubleshooting	Measurement	Press components	Color measurement and balance	Color theory
Graphics Communications	South Central College	Mankato	No	72 credits	2 years	Associates Degree	No	No	http://ecatalog	.southcentral.edu/A	A5%203493.php								
Graphics Communications	South Central College	Mankato	No	60 credits	2 years	Diploma	No	No	http://ecatalog	.southcentral.edu/E	IP%203494.php								

Program	TrainingInstitution	Location	Online	Credit	Duration	Credential	Participatingin DTG	Competencies Mapped	URL	Blueprint reading	Component identification	Handling moisture- sensitive devices	Basic fabrication	Material inventory control	machine maintenance	Acceptability of electronic assemblies	Metallurgy	Soldering math, measuring	Geometric dimensioning and tolerances	Requirements for soldered electrical and electronic assemblies
Electronics Soldering Technician Training	Goodwill Easter Seals	Saint Paul	No	No	4 weeks	Certificate	No	No	https://www.goodwilleasterseals.org/services/tr aining-education/electronics-soldering-training											
IPC Soldering Certification	Dakota County Technical College	Rosemount	No	No	4 weeks	Certificate	No	No	https://www.dctc.edu/academics/short-term- programs/											
Solderer Training	BEST	Mobile Training Center	No	No	Varies	Certificate	No	No	https://www.solder.net/training/											