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Program	Training Institution	Location	Online	Credit/Non-Credit	How Long	Type Of Credential	Already Participating in Dual Training Grant	Program Mapped to Competencies	Press Compenents	Flexograhphic Print Components	Color Theroy	Color Measurement	Die Cutting	Printing Math and Measurement	Press Confirgurtions	Print Terminology	Safety and Envronmental Concerns	Paperwork/ QC signoffs	Troubshooting and Problemsolving	Spec Reading/Print Reading
Flexo Tech	Flexo Association	Minneapolis	No	Non-credit	12 weeks	Certificate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Program	Training Institution	Location	Online	Credit/ n-Credit	How Long	Type Of Credential	Already Participating in Dual Training Grant	Program Mapped to Competencies	Machining Introduction	Blueprint Reading	Shop Math and Measurement	CNC Turning	CNC Milling	CNC Setup and Programming basics	Machine Tool Theroy	Molding	Metallurgy	Inspection
Advanced Machine Production Technologist	Lake Superior College	Duluth		60 credits	2 years	Associates Degree	No	No										
CNC Machinist	Minneapolis Community and Technical College	Minneapolis		60 credits	4 Semesters	Associates Degree	No	No										
Instrumetation & Process Control	St. Cloud Technical and Community College	St. Cloud		60 credits	2 years	Associates Degree	Yes	Pending										
Machine Tool Technology	<u>Dunwoody College of</u> <u>Technology</u>	Minneapolis		Non-credit	4 Semesters	Associates Degree	No	No										
Precision machining	Minnesota West Community & Technical College	Granite Falls		60 credits	2 years	Associates Degree	No	No										
Robotics & Automation Tech	St. Cloud Technical and Community College	St. Cloud		60 credits	2 years	Associates Degree	Yes	Yes		Yes								
Automated Machining	Lake Superior College	Duluth		16 credits	1 semester	Certificate	No	No										
CNC Operator	Hennepin Technical College	Brooklyn Park/Eden Prairie		30 credits	2 Semesters	Certificate	No	No										
Machine Operator		St. Paul		20 credits	2 Semesters	Certificate	No	No										
Machine Techology	Northland Community& Technical College	Theif River Falls	Online	30 credits	1 year	certificate	No	No										
CIM Certificate	South Central College	Fairbault/Mankato		20/66 credits	2/24 months	Certificate/Diploma	Yes	Yes	Yes			Yes	Yes	Yes	Yes			
Machine Techology	Northwest Tech College	Bemidji		30-37 credits	1 year	Certificate/Diploma	No	No										
Advanced Manufacturing Technology	Pine Technical and Community College	Pine City		28-45-60 credits	1-2 years	Certificate/Diploma/Associates	No	No										
CNC Machine Tool	Southeast Technical MN State College	Red Wing/Winona		58 credits	4 Semesters	Diploma	No	No										
CNC Machinist	Anoka Technical College	Anoka		50 credit	2 years	Diploma	No	No										
CNC Precision Manufacturing Technician	Ridgewater College	Hutchinson		64 credits	1 year	Diploma	Yes	Partially	Yes	Yes		Yes		Yes				
Machine Tool Tech logy	Alexandria Technical and Community College	Alexandria		72 credits	2 years	Diploma	Yes	Yes	Yes	Yes		Yes	Yes		Yes			
Machine Tool Tech logy	College	St. Cloud		55 credits	2 years	Diploma	Yes	Pending										
Mechanical Design	St. Cloud Technical and Community College	St. Cloud		58-68 credits	4-5 semesters	Diploma/Associates	Yes	Pending										

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Automation Robotics Engineering Tech log	Hennepin Technical College	Eden Prairie		60 credits	2 years	Associates Degree	Yes	Pending									
Industrial Systems technology	Hibbing Community College	Hibbing		60 credits	2 years	Associates Degree	No	No									
Maintenance Worker	Minnesota Innovatio Institute	Bemidji		x	1 Year	Certificate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Industrial Building Engineering and Maintence	Hennepin Technical College	Brooklyn Park		44 Credits	1 year	Diploma	No	No									
Industrial Maintance and Mechanics	Riverland Community College	Albert Lea		70 credits	2 years	Diploma	Yes	Yes				Yes		Yes		Yes	
Industrial Mechanical Technology	Mesabi Range Colleg	Eveleth		60 credits	2 years	Diploma	No	No									
Manufacturing Maintenance Tech	Central Lakes College	Brainerd		64 credits	2 years	Diploma	No	No									
Industrial Electricity	Hennepin Technical College	Brooklyn Park		64-72 credits	2 years	Diploma/Associates Degree	Yes	Pending									
Industrial Technology	Minnesota State College - Southeast Technical	Winona		34-60 credits	1-2 years	Diploma/Associates Degree	No	No									

									PLC				Mechanical						Electrical								
Program	Training Institution	Location	Online	Credit/ n-Credit	How Long	Type Of Credential	Already Participating in Dual Training Grant	Program Mapped to Competencies	Motor Control	PLC Systems	Hydraulic Systems	Drivers	Schematics	Troubleshooting	Basic Machining	Hand Tools	Fluid Power	Power Transmission	Blueprint Reading	Troubleshooting	Electrical and Electrical Systems	Motor Controls	Electrical Control Circuits	Outlet to Machines	Blueprint Reading	Schematics	Troubleshooting
Automated Systems and Robotics	Dunwoody College of Technology	Minneapolis		×	2 years	Associates Degree	No	No																			
Automation Robotics Engineering Tech	Hennepin Technical College	Eden Prairie		60 credits	2 years	Associates Degree	Yes	Partially	Yes	Yes		Yes	Yes								Yes	Yes	Yes		Yes	Yes	Yes
Electronics Technology	Hennepin Technical College	Brooklyn Park		72 credits	2 years	Associates Degree	No	No																			
Mechatronics	Alexandria Technica and Community College	Alexandria		72 credits	2.5 years	Associates Degree	No	No																			
Mechatronics	South Central Colleg	Fairbault/Mankato		60 credits	2 years	Associates Degree	Yes	Partially	Yes		Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes			Yes		
Engineering	Minnesota State University - Mankat	Bloomington		×	4 years	Bachelors Degree	No	Partially		Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Electromechanical Systems	St. Paul College	St. Paul		29-57 credits	1-2 years	Certificate/Diploma	No	No																			
Production Technologist	Lake Superior Colleg	ge Duluth		8-60 credits	1-2 years	certificate/diploma/associates degree	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Controls Engineer Tech	Hennepin Technical College	Eden Prairie		60 credits	2 years	Diploma	Yes	Partially																			
Fluid Power Engineering Tech	Hennepin Technical College	Brooklyn Park/Eden Prairie		66 credits	2 years	Diploma	Yes	Partially																			
Industrial and Energy Plant Maintenance	Dakota County Technical College	Rosemount		45 credits	2 years	Diploma	No	No																			
Mechatronics	Central Lakes Colleg	Brainerd		40 credits	1 year	Diploma	No	No																			
Mechatronics	Hennepin Technical College	Eden Prairie		60 credits	2 years	Diploma	Yes	Pending																			
Mechatronics	Minnesota West Community & Technical College	Granite Falls/Worthington		63 credits	2 years	Diploma	Yes	Partially		Yes				Yes						Yes							Yes
Mechatronics	St. Cloud Technical and Community College	St. Cloud		56 credits	2 years	Diploma	No	No																			
Automation and Robotics Systems Technology	Ridgewater College	Hutchinson		64-67 credits	2 years	Diploma/Associates	No	No																			
Electronic Engineerin Technology	Anoka Technical College	Anoka		x	2 years	Diploma/Associates	No	No																			
Engineering Management	Minnesota State University - Mankati	Bloomington		32 credits	2 years	Masters	Yes	Partially		Yes		Yes	Yes	Yes	Yes	Yes			Yes	Yes		Yes			res		Yes

Program	Training Institution	Location	Online	Credit/Non-Credit	How Long	Type Of Credential	Already Participating in Dual Training Grant	Program Mapped to Competencies	Food Safety	Food Sanitation	Food Processing Microbiology	Training/Adult Learning	Documentation	Crititcal Thinking Theories	Food Secuirty/Bio Security	Food Science/ R & D	Quality Management	Root Cause Anlysis	Management Principles	Food Law
Food Science	Minnesota West Community & Technical College	Worthington		60 credits	2 years	Associates Degree	No	No												
Food Science	Normandale Community College	Bloomington		60 credits	2 years	Associates Degree	No	No												
Food Science Technology	Riverland Community College	Albert Lea/Austin		60 credits	2 years	Associates Degree	Yes	Partially	Yes											
Food Science	University of Minnesota	Minneapolis		120 credits	4 years	Bachelors Degree	No	No												
Food Science Technology	Minnesota State University Mankato	Mankato		120 credits	4 years	Bachelors Degree	No	No												

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Welding	St. Cloud Technical and Community College	St. Cloud		37 credits	1 year	Diploma	Yes	Yes	Yes	No	No	No	No	Yes