

MINNESOTA STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

Statement of Need and Reasonableness for licensure of postsecondary Vocational Technical Personnel in Agriculture Occupations

New venture programs 3700.0270 and
3700.0275, and revision of 3515.6400
Area Agriculture Program Coordinator
now identified as 3700.0280.

The statutory authority for the State Board of Vocational Technical Education to promulgate these rules is contained in Minnesota Statutes section 136C.04, subd. 9 which states:

Licensure. The State Board may promulgate rules, according to the provisions of Chapter 14, for licensure of teaching, support, and supervisory personnel in postsecondary and adult vocational education. The State Board may adopt licensure rules according to Sections 14.29 to 14.36 when necessary for continuous programs approved by the Board and when the Board determines appropriate licensure standards do not exist.

BACKGROUND INFORMATION

The first revisions for Agriculture Occupational Instructor licenses 3700.0100 to 3700.0265 took effect on September 12, 1987. Area Agriculture Program Coordinator 3700.0280 is a continuation of that process. Specialty Crop Management 3700.0270 and Poultry Production Management 3700.0275 are new venture programs for which no instructor licenses previously existed.

3700.0270 Specialty Crop Management
New venture program instructor license

3700.0275 Poultry Production Management
New venture program instructor license

3700.0280 Area Agriculture Program Coordinator
Revised agriculture license 3515.6400 now represented by 3700.0280

GENERAL INFORMATION

The proposed permanent rules follow the precedence set by the revised agricultural instructor requirements adopted September 12, 1987, and the revised business and office rules adopted February 6, 1988. The rules are 3700.0270 Specialty Crop Management, 3700.0275 Poultry Production Management and 3700.0280 Area Agriculture Program Coordinator. There are four major changes within the previous revisions which are reflected within these licenses.

1. Crossover areas. The crossover areas compliment the Technical Institute systems program restructuring which began in 1986. This effort converts programs to courses and then courses to credits. Thus the license allows the holder to teach a particular program and specified courses in any program throughout the institute. The courses listed as crossovers are reasonable since they are a result of the expertise acquired via the occupational and/or educational experiences specifically required of the license holder. This is needed to remove an artificial barrier which, in the past, allowed the individual to teach only in a program. This makes it possible to implement the restructured programs with appropriate credentialed staff, allowing an instructor to teach specific courses anywhere within an institute.

2. Occupational experience requirements. The occupational experience requirement identifies the job titles which will be accepted to meet the licensure requirements. This specificity is needed to provide both the applicants and the hiring authority with information which will be used in making application for the license. The occupational experience requirements are reasonable because they are conceptually and functionally represented in the education programs and in the occupations for which the programs prepare individuals. There is also an increase in the total number of occupational hours from current rule of 6000 hours to revised rule of 8000 hours. This is reasonable since credit is given for educational experiences which relate to the occupation in question. In addition, credit will be given for teaching experience as it relates to the occupation being taught. Since these substitutions allow for a total of 4000 hours of occupational experience, the increase to 8000 hours is reasonable. In addition, the increase to 8000 hours represents only a total of one year. Since the crossover areas require more specificity required to teach individual courses throughout the institute, a greater depth and breadth of knowledge is required which is represented in the additional year of experience.
3. Recent occupational experience. There is an increase in recent occupational experience from "500 to 1000 hours in the last five years" to "2000 hours in the last five years". This increase is necessary so that individuals teaching programs and courses are knowledgeable about technical, economic and industrial changes as they relate to their specific occupational field. It is reasonable since it allows a five year time frame in which to acquire one year or 2000 hours of experience. It would be possible, therefore, to obtain the 2000 hours of occupational experience by working only four summers.
4. Substitution for occupational experience. This subpart is necessary as a means of allowing teachers to expand into new, modified, or restructured programs which reflect both new content area and existing content. The utilization of teaching experience in specified programs assure that only teaching experience which is conceptually related to the new, modified, or restructured program is allowed as a substitute for recent occupational experience. This recognizes specific knowledge not in current programs as applicable to new programs which contain a major portion of the same or similar content. 500 hours of recent occupational experience is still retained for the new licensure area to assure up to date industrial exposure to the occupation. This amount is reasonable because it can be obtained over five years and is only 12 1/2 weeks.

3700.0270 SPECIALTY CROP MANAGEMENT

Subpart 1. May teach. This subpart follows the format established by the previously revised agriculture rules. The crossover areas are reasonable since they remain within plant, soil, fertilizer and soil, water and conservation management. An applicant with the educational experience required in subp. 3 would have the background required to teach these subjects.

Subpart 2. Other requirements. This subpart refers to existing rule requirements. There are no changes in this subpart.

Subpart 3. Occupational experience requirements. This subpart identifies to the applicant the total number of hours of occupational experience required of the candidate for this license. Edible and ornamental Specialty Crops indicate the area of experience which the applicant must obtain. This experience relates directly to the content material, plants, soils, fertilizer and conservation, which will be taught in this particular program and is, therefore, reasonable.

Subpart 4A. Substitution for occupational experience. This subpart indicates to an applicant the degree or degrees which are applicable for occupational substitution. In this instance, Horticulture or Agriculture education bachelor's degrees are allowed for 4000 hours of the occupational experience required in subp. 3. This is reasonable since the content in this program relates directly to the content which might be found in the two bachelor's degrees.

Subpart 4B. Two years of postsecondary education in Agriculture or Horticulture equals 2000 hours. This subpart is allowed recognizing that some candidates for licensure may have an associate degree or two years of vocational technical education specific to the content area to be taught. Horticulture and Agriculture have many courses with content applicable to Special Crop Production and operation.

Subpart 5. Substitution of occupational experience. Current licensure rules recognize the relevancy of specific teaching experiences within a defined area for a portion of the occupational recency requirement. There is no change in this rule. The Horticulture, Specialty Crop Management and Farm Business Management relate directly to the content contained in Specialty Crop Management; therefore, it is reasonable to assume that the applicant will have appropriate experience for instruction of Specialty Crop Management.

3700.0275 POULTRY PRODUCTION MANAGEMENT

Subpart 1. May teach. This subpart is consistent with the previously revised licensure rules in Agriculture occupations. The program listed is Poultry Production. The courses listed refer directly to the educational and occupational experience as listed in subp. 3, A and B.

Subpart 2. Other requirements. This subpart refers to existing rule requirements. There are no changes in this subpart.

Subpart 3A and B. Educational and Occupational experience requirements. This subpart follows the precedent set by 3700.0205 to 3700.0245 and 3700.0260 to 3700.0285 licenses in the Agriculture occupation area. The education is reasonable since they contain business strategy and production coursework. Both are major components of Poultry Production. It is reasonable to require occupational experience at an owner operated/manager/supervisory or service representative area level since this is a managerial program in Poultry Production.

Subpart 4. Substitution for occupational experience. This subpart follows the same format set by previously revised agricultural licenses. Teaching experience is accepted as a portion of the recency providing that teaching experience is in Poultry Production Management and is, therefore, reasonable. This follows the format adopted in the permanent rules. There is no change in this area.

3700.0280 AREA AGRICULTURE PROGRAM COORDINATOR

Activities as listed.

The activities as listed follow the format set in current rule 3515.6400 A to E. 3515.5700 to 3515.7200 have been changed to 3700.0100 and 3700.0280 to represent the rule numbering system designating revised licenses.

3515.6400 A and B have been moved to 3700.0280, subp. 1. This is reasonable since A and B represent a description of Area Agriculture Program Coordinator rather than the individual's activities.

3515.6400 C has been assigned to 3700.0280 G and simplified to describe current language used in Farm Business Management. There is no change in intent.

3515.6400 D has been eliminated since the State Board of Vocational Technical Education does not have jurisdiction over secondary programs.

3515.6400 E has been changed to 3700.0200 F and specific examples of reports added. This is reasonable to allow the specificity necessary for determining the need for licensure.

3700.0280 A, B, C, D, E and H are added activities. 3515.6400, subp. 1 did not clearly identify the duties and activities represented by the Area Agriculture Program Coordinator. The new activities are representative of duties performed by the Area Agriculture Program Coordinator. They are a required function of his/her position. Therefore, this listing is reasonable. This listing is needed to clearly identify when a license is necessary to both applicants and administrators.

Subpart 2. Education requirement. A bachelor's degree in agriculture education requirements has been moved from licensure charts 3515.9910 to 3515.9942. There is no change in this requirement.

Nine (9) quarter credits or 108 clock hours in educational administration is needed to allow the applicant a foundation for the skills, knowledge and attitudes represented in the management activities listed in A, G and H. This is reasonable since these credits are available through the educational system within the state.

Subpart 3. Teaching experience requirement. This subpart has been moved from 3515.6400 subp. 2, to 3700.0280, subp. 3. There is no change in this requirement.

Subpart 4. Teaching experience recency. This subpart has been changed from 500 hours of occupational recency to 2000 hours of teaching experience in Farm Business Management. This change was necessary to assure current knowledge about the Farm Business Management Programs since the major portion of an Area Agriculture Program Coordinator's activities are administrating, implementing and monitoring Farm Business Management Programs. This reasonable since the applicant also would have met the recency requirements for a Farm Business Management instructor since licensure and teaching experience in that program are part of the criteria for Area Agriculture Program Coordinator licensure.

The proposed rules will be implemented through existing processes and will not result in new expenditures by the school district.

MINNESOTA STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

Statement of Need and Reasonableness
for licensure of postsecondary
Vocational Technical Personnel in
Agriculture Occupations

Revised permanent rule modifications
3700.0100 to 3700.0265 and Conversion
Chart 3700.0290.

The statutory authority for the State Board of Vocational Technical Education to promulgate these rules is contained in Minnesota Statutes section 136C.04, subd. 9 which states:

Licensure. The State Board may promulgate rules, according to the provisions of Chapter 14, for licensure of teaching, support, and supervisory personnel in postsecondary and adult vocational education. The State Board may adopt licensure rules according to Sections 14.29 to 14.36 when necessary for continuous programs approved by the Board and when the Board determines appropriate licensure standards do not exist.

BACKGROUND INFORMATION

The first revisions for Agriculture Occupational Instructor licenses 3700.0100 to 3700.0265 took effect on September 12, 1987. The modifications and corrections in 3700.0100 to 3700.0265 and Conversion Chart for existing agriculture licenses 3700.0290 are a continuation of that process. Intent to Solicit Outside Opinion was not published for 3700.0100 to 3700.0265 and 3700.0290 modifications, corrections and clarification. State Board of Vocational Technical Education agency staff made the changes.

3700.0100 GENERAL REQUIREMENTS FOR POSTSECONDARY TEACHERS

Subpart 1 and 2. Unchanged
Subpart 3. Modification

3700.0200 LICENSES IN THE AGRICULTURAL OCCUPATIONAL AREA

Subpart 1. Unchanged
Subpart 2. Modification
Subpart 3. Modification

3700.0205 FARM BUSINESS MANAGEMENT LICENSE

Subpart 1 and 3. Unchanged
Subpart 4. Modification
Subpart 5 and 6. Repealed
Subpart 7. Modification

3700.0210 to 3700.0250 and 3700.0260

Subpart 1 and 2. Unchanged
Subpart 3, A & B. Unchanged
Subpart 3, C. Modification
Subpart 4. Modification

3700.0255 and 3700.0265

Subpart 1 and 2. Unchanged
Subpart 3. Modification

- Subpart 4. Unchanged
- Subpart 5. Modification

3700.0290 Conversion Chart for agricultural licenses

3700.0100 GENERAL REQUIREMENTS FOR POSTSECONDARY VOCATIONAL TEACHERS

Subpart 3. Maximum substituted hours. The total number of hours that may be substituted for occupational experience cannot be more than 4000. This is an added subpart to the revised rules. Current 3515. rule assured a minimum of 4000 hours of occupational experience in all occupational disciplines. The Need and Reasonableness statements that were submitted in the revised permanent rules in Agriculture 3700.0200 and Business and Office 3700.0300 stated that the 4000 hours would be retained as a minimum number of occupational hours. The new rules, however, allow occupational substitutions in two areas. They allow occupational substitution up to 4000 hours for educational experience, and recency substitution of 1500 hours current teaching experience. It is possible for applicants to interpret these rules as meaning a total of 5500 hours may be substituted; therefore, this statement, subpart 3, was necessary to clearly identify to the applicant the maximum number of hours which may be substituted, and is a reasonable addition and clarification.

3700.0200 LICENSES IN THE AGRICULTURAL OCCUPATIONAL AREA

Subpart 2. Recent occupational experience. This subpart has been modified from 1500 hours of occupational experience within the five years just before applying for the license to 2000 hours of occupational experience within the five years just before applying for the license. This modification was necessary to assure that the Agricultural Occupational area of licenses are consistent with the other revised permanent licensure areas in 3700.0300 Business and Office, proposed permanent rules 3700.0400 for Health Occupations license and the proposed permanent rules 3709. At the time agricultural licenses were revised, the committee had not made a final determination on occupational recency. Therefore, in order to assure consistency in rule application, 1500 hours have been changed to 2000 hours. This is reasonable since the substitution for recency has also been changed from 1000 to 1500 of the total 2000 hours, retaining the original 500 hours of occupational recency.

Subpart 3. Does not apply. 3515.9930 has been added to this subpart. Since the complete revision is represented in 3700.0270 to 3700.0285, the chart 3515.9930 is no longer necessary and no longer applies. Therefore, it is reasonable to remove the chart.

3700.0205 and 3700.0280 AGRICULTURAL OCCUPATION LICENSES

The changes in these rules pertain to the statement of recency 3700.0200, subp. 2. To remain consistent with the increase from 1500 to 2000 hours of occupational experience, the changes in language were required for recent occupational experience, as well as substitution for recent occupational experience as represented in the teaching substitutions. It is reasonable to make these changes to remain consistent with previously revised rules. It is reasonable to increase the total number of hours of recency since the length of time to obtain the recency increased from 3 to 5 years. In addition, it is reasonable to obtain this amount since the teaching substitution also increased from 1000 to 1500 hours. Thus an individual will still only require a total of 500 hours actual occupational recency which is possible to obtain in only 3 months over a 5-year period.

3700.0205 FARM BUSINESS MANAGEMENT

Subpart 4, item A. Language has been modified and item B has been eliminated correcting the language to reflect the repeal of subparts 5 and 6.

Subparts 5 and 6 allowed occupational experience up to 1000 of a total 4000 hours in occupational areas not listed in subpart 4, item A. The National Ag Occupations Competency Study was a one-time only study ending May 16, 1978. It is reasonable to repeal these subparts since the

study is over ten years old. In addition, during the year revised agriculture rules have been in effect, no individual has requested licensure using this 1000 hour option. Therefore, it is reasonable to eliminate this subpart as unnecessary and confusing to the applicant and administrators.

3700.0280 CONVERSION OF EXISTING AGRICULTURAL LICENSES

It is necessary to add this subpart to inform the applicant of the licenses which are available and which have been converted to new titles or consolidated under one license. This will also assist administrators and applicants to determine what license areas are available to a candidate and is, therefore, reasonable.