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3/20/89



# Minnesota Technical Institute System

State Board of Vocational Technical Education  
Capitol Square Building 550 Cedar Street St. Paul, MN 55101

Campus Locations

- ALBERT LEA
- ALEXANDRIA
- ANOKA
- AUSTIN
- BEMIDJI
- BRAINERD
- BROOKLYN PARK
- CANBY
- DETROIT LAKES
- DULUTH
- EAST GRAND FORKS
- EDEN PRAIRIE
- EVELETH
- FARIBAULT
- GRANITE FALLS
- HIBBING
- HUTCHINSON
- JACKSON
- MANKATO
- MINNEAPOLIS
- MOORHEAD
- PINE CITY
- PIPESTONE
- RED WING
- ROCHESTER
- ROSEMOUNT
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- STAPLES
- THIEF RIVER FALLS
- WADENA
- WHITE BEAR LAKE
- WILLMAR
- WINONA

March 30, 1989

Maryann Hruby, Executive Director  
The Legislative Commission to Review Administrative Rules  
55 State Office Building  
St. Paul, MN 55155

RE: NEED AND REASONABLENESS - NEW VENTURE HEALTH OCCUPATION  
PROGRAMS 3709.0230 TO 3709.0270

Dear Ms. Hruby:

As per your request, I have enclosed the Need and Reasonableness statement for proposed new venture health occupations 3709.0230 to 3709.0270.

If you have any questions or concerns, please contact me at 296-3929.

Sincerely,

Georgia Pomroy,  
Licensure Revision Specialist  
State Board of Vocational Technical Education

GP/cs

cc: Glenda Moyers  
Judy McGilvrey  
Julie Eszlinger-Jensen

Enclosure

MINNESOTA STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

Statement of Need and Reasonableness  
for Permanent Rules 3709.0230 to  
3709.0270 Covering the Licensure of  
Postsecondary Vocational Technical Education

Rules as Proposed:

3709.0230 Chiropractic Assistant  
3709.0240 EKG/Cardiac Technician  
3709.0250 Physical Therapist Assistant  
3709.0260 Public Safety Communication (911)  
3709.0270 Radiologic Technology

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.

\* Notation

The background information presented here first appeared in a Need and Reasonableness statement for proposed permanent rules 3709.0100 to 3709.0200 published in the State Register on November 7, 1988, Vol. 13, No. 19. The rules listed in this statement are a continuation of the process of development of instructor licensure for new venture programs. For the purpose of clarification the information is repeated in this part.

**BACKGROUND INFORMATION**

The State Board of Vocational Technical Education evaluates and approves initial and annual program applications according to State Board of Education rules 3505.6100 to 3505.6400. Approximately ten to fifteen new venture programs receive approval annually. A new venture program is one which has not been previously offered within the technical institute system and represents an entirely new program to be delivered. The Office of the Attorney General advised the State Board of Vocational Technical Education that the emergency rulemaking power of the board according to sections 14.29 to 14.36 no longer was in effect. The Board, therefore, is using the permanent rule process for new venture programs since no appropriate licenses for these categories exist. Individual committees were formed for each occupational license. The committees consisted of the

State Specialist of the occupational program area, the State License Revision Specialist, representatives of industry, program coordinators, and related program instructors.

#### GENERAL INFORMATION

The proposed permanent rules follow the format established by the revised agricultural instructor requirements adopted September 12, 1987, and the revised business and office rules adopted February 6, 1988. There are four major changes within the previous revisions and 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. The new rules make 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 educational 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 directly to the occupation in question. In addition, credit will be given for teaching experience as it relates directly 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 total increase of only one year. Since the crossover areas require more specificity which is necessary to teach individual courses throughout the institute, a greater depth and breadth of knowledge is required and 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, as well as a teaching substitution of up to 1500 hours of the 2000 required. It would be possible, therefore, to obtain the 2000 hours of occupational experience by working only four summers, or with a teaching substitution of 1500 hours acquire the remaining 500 hours in only one summer.

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 assures 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 in current programs as applicable to new programs which contain a 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.

#### 3709.0230 CHIROPRACTIC ASSISTANT

Subpart 1. May teach. The two crossovers, body mechanics and therapeutic massage, represent areas a chiropractic practitioner would have expertise by virtue of education and occupational experience. This is reasonable because the combination of experience allows for opportunity to acquire the skills and knowledge with which to teach this content.

Subpart 2. Other requirements. This refers to the general requirements as specified in 3709.0100. There are no changes in this subpart.

Subpart 3. Educational and occupational experience requirement. The experience is as a licensed chiropractor (required for practice in Minnesota) or as a trained chiropractic technician. This is reasonable since the object of this program is to train chiropractic technicians. Physical agent application, Xray, and examinations are listed to be sure the applicant has knowledge and skills in the areas to be taught and not only in clerical areas of a chiropractic office. A graduate of the program is expected to be cognizant in office procedures, insurance coverage, physical agent application, Xray and examinations. The occupational experience is reduced in accordance with previous educational substitutions allowed in prior

licenses.

Subpart 4. Occupational recency substitution. The teaching experience allowed is within chiropractic or chiropractic assistant practice. It is reasonable to assume clinical supervision, advisory committee membership and subsequent interaction with the health care chiropractic facilities would assist the applicant to stay up to date in the practice and technology of the chiropractic technician. The applicant would still need to acquire a minimum of 500 hours recent occupational experience.

#### 3709.0240 EKG/CARDIAC TECHNICIAN

Subpart 1. May teach. The crossover area of cardiopulmonary resuscitation is reasonable since the requirements of subpart 3 include current cardiopulmonary resuscitation instructor certification. This certification is granted only after knowledge and skill testing by either the American Red Cross or the American Heart Association.

Subpart 2. Other requirements. This refers to the general requirements as specified in 3709.0100. There are no changes in this subpart.

Subpart 3. Educational and occupational experience requirement. Cardiopulmonary resuscitation instructor certification is a reasonable educational requirement since CPR is a component of this program and the professional certifying organizations require such instructor certification to teach.

The activities of 12 lead cardiograms, exercise stress testing, pacemakers and advanced cardiac problems are listed as part of the RN experience. This is reasonable since these areas are the key program components and not all acute care work environments contain these activities. The work environment of the supervisory/EKG cardiac technician, however, does include the above activities.

Subpart 4. Substitution for occupational experience. The educational substitutions are equal to the substitutions allowed in previously revised licenses. There is no change in categories or the amount of credit given for the substitutions. The bachelor's or higher degrees allowed are health degrees which all involve education and training which includes cardiac technology and cardiac care. It is, therefore, reasonable to include these as appropriate substitutions. The associate degrees and diplomas as listed remain within the areas of cardiac care and technology and as a part of the curriculum are, therefore, reasonable. Biomedical science and medical technology bachelor's degrees are rated the same as an associate degree since the cardiac content is substantially less than in the degrees listed in item A. The coursework as listed refers only to content

which is applicable to content within the cardiac program and is, therefore, reasonable.

Subpart 5. Occupational recency substitution. The recency allowed for teaching experience remains only within the program content area. Laboratory and clinical instruction and supervision assure contact with current techniques and equipment and is, therefore, reasonable. The ratios allowed are the same as in previously revised licenses.

#### 3709.0250 PHYSICAL THERAPIST ASSISTANT

Subpart 1. May teach. The crossover areas are only the areas in which the physical therapist is expected to have expertise and which are taught in other institute programs. The crossovers are reasonable as a result of the education and the examinations required to practice referred to in Subpart 3.

Subpart 2. Other requirements. This refers to the general requirements as specified in 3709.0100. There are no changes in this subpart.

Subpart 3. Occupational and educational experience requirement. The educational experience as listed is the minimum requirement necessary to sit for the professional exam and to be registered in the State of Minnesota. To practice in Minnesota a therapist must be registered within the State. This is a reasonable requirement due to the requirement of the profession. It is reasonable to reduce the occupational experience to offset the educational requirement. This reduction is the same as that allowed by occupational substitutions for a degree in current restructured licenses. The experience is as a physical therapist within at least two of the environments in which the graduate will secure employment and is, therefore, reasonable.

Subpart 4. Occupational recency substitution. The teaching experience must be in the area of physical therapy within an institution accredited by the American Physical Therapy Association. This is reasonable since in order for an applicant to sit for the Minnesota registration exam an applicant must have graduated from such an institution. The teaching experience must be in physical therapy thereby restricting the substitution to known content.

#### 3709.0260 PUBLIC SAFETY COMMUNICATION (911)

Subpart 1. May teach. The crossover area is only the area in which the public safety communication instructor is expected to have expertise and which may be taught in another institute program. Emergency communication is the area which the applicant would have the greatest skills and

knowledge as indicated by the occupational experience requirement in subpart 3 and is, therefore, reasonable.

Subpart 2. Other requirements. This refers to the general requirements as specified in 3709.0100. There are no changes in this subpart.

Subpart 3. Occupational experience requirement. The experience is as an operator dispatcher or supervisor in a public safety environment doing the job of a dispatcher. The titles, location and job are reasonable to assure the breadth of experiences required in the wide range of emergency calls which may come to the communication center. These requests are broader than those commonly found within fire or police service, involving a range of emergencies extending beyond fire or police. The level of experience is listed to assure the applicant exposure to the range and degree of content as offered within the program and necessary for public safety entry level employment and, therefore, is reasonable.

Subpart 4. Substitution for occupational experience. The degrees, diplomas and courses are selected on the basis of content applicable to the program content. Law enforcement, criminal justice, corrections, and public safety contain courses which relate directly to program content and are, therefore, reasonable.

Subpart 5. Occupational recency substitution. The teaching experience must be in the public safety communication. This is reasonable since an applicant must be cognizant of current communication equipment, community resources and services, by reason of student clinical supervision, advisory committees and industrial contact.

#### 3709.0270 RADIOLOGIC TECHNOLOGY

Subpart 1. May teach. There are no crossover areas listed since this program does not have content which could be applicable to other technical institute programs.

Subpart 2. Other requirements. This refers to the general requirements as specified in 3709.0100. There are no changes in this subpart.

Subpart 3. Occupational and educational experience requirement. The educational experience as listed is the minimum requirement necessary to sit for the Board exams in radiologic technician. The American Registry of Radiologic Technologists is the professional regulatory Board of the technician which requires registration to practice. It is, therefore, reasonable to require this education and registration. It is reasonable to reduce the occupational experience to offset the educational requirement. This reduction is the same as that allowed by occupational

substitutions of two years in current restructured licenses. The experience is as a radiographer in a medical setting and is reasonable since this is the program content and the area of future student employment.

Subpart 4. Occupational recency substitution. The teaching experience must be in radiographic technology since this is the program content. It is reasonable to assume an instructor in radiography would be cognizant to the latest technology by virtue of equipment use and training, as well as advisory committee participation and clinical supervision.

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