

Minnesota Attorney General: Administrative Rules Proceedings

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SF-00006-03

STATE OF MINNESOTA

DEPARTMENT

Office Memorandum

ATTORNEY GENERAL

TO: CHARLES MOTTL
Special Assistant
Attorney General

DATE: 3/26/87

FROM: MARTHA CASSERLY
Special Assistant
Attorney General

PHONE: 6-4692

SUBJECT: In the Matter of the Adopted Rules Relating to Postsecondary Vocational Teaching Licenses for Courses and Programs in Emerging Occupations

The above-referenced rule has been approved as to its legality by the Attorney General on March 26, 1987.

Enclosed is the agency's copy of the approved rule. This office has already filed two copies with the Secretary of State, who will forward one copy to the Revisor of Statutes. The fourth is being retained by this division of the Attorney General's Office for its records.

Also enclosed are any petitions, requests, submission or comments received by the agency and any extra copies of documents which the agency submitted to the Attorney General.

In order for a permanent rule without a hearing to become effective, your agency must publish a notice of adoption in the State Register in accordance with Minn. Stat. § 14.27. An emergency rule becomes effective five working days after approval by the Attorney General; however, the agency must publish a notice in the State Register in accordance with Minn. Stat. § 14.34.

If you have any questions in this regard, please contact me.

MJC:nah

Enclosures

cc: Maryanne Hruby
Executive Director
Legislative Commission to Review
Adminsitrative Rules

Duane Harves
Chief Administrative Law Judge
Office of Administrative Hearings

RULE REVIEW CHECKLIST

File No. 1355 Docket No. 05.0009.0830

DATE RECEIVED 3/12/82
REVIEW DATE 3/27/87 23
DUE DATE 3/26/87 26

APPROVED 326-87mjc
DISAPPROVED
WITHDRAWN

ADOPTED W/O HEARING
EMERGENCY RULE ✓

REVISOR APPROVED ✓
REVISOR DISAPPROVED
FILED W/SEC. STATE
RETURNED TO AGENCY

✓ Rule as adopted (4 copies)

___ ~~Notice to Solicit Outside Information/Opinion~~
Date published in State Register
Comments

___ ~~Petition for Adoption of a Rule~~

✓ Board's Authorizing Resolution

✓ Proposed rule
Revisor's Certificate

✓ Notice of Intent to Adopt Rule
136C.04 sub 9 Statutory Authority
no Small business statement
by school Districts Expenditure of public money statement
initialed memo Signature

___ ~~Statement of Need and Reasonableness~~

✓ Affidavit of Mailing Notice of Intent to Adopt Rule
12/17/86 and 12/29/86 Date 30/25 days before adoption

✓ Publication in State Register
12/29/86 Date 30/25 days before adoption

✓ Resolution Adopting

✓ Findings of Fact, Conclusions & Order Adopting
3/2/87 Date

✓ Written requests, submissions or comments

✓ Declaration of attorney
Charles Mottl Name of SAAG representing agency

✓ ~~Notice of Submission to Attorney General~~ Affidavit & Mailing Notice Rules

✓ Order For Publication of Emergency Rules

___ ~~Affidavit of Mailing Notice to Attorney General~~

Vocational Technical Education Board

Adopted Emergency Rules Relating to Postsecondary Vocational Teaching Licenses For Courses and Programs in Emerging Occupations

Rules as Adopted

3515.5051 [Emergency] AUTOMATED MANUFACTURING TECHNOLOGY LICENSE.

Subpart 1. **Requirements.** To get a license to teach automated manufacturing technology courses and programs in the technical occupations area an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in tool and die moldmaking, automated production lines, numerical controls, computerized numerical controls machining, or automated manufacturing.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the 6,000 hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching experience must be in industrial machining, tool and die moldmaking, or automated production lines, numerical controls, computerized numerical controls machining, or automated manufacturing. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited

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postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering or industrial technology may be substituted for 3,000 hours.

B. An associate degree in machine trade, automated systems maintenance, automated manufacturing technology, or engineering may be substituted for 2,000 hours.

C. A diploma in machine shop operations, tool and die moldmaking, electromechanical technology, automated packaging equipment maintenance, electronic technology, automated manufacturing technology, automated systems maintenance, robotics, or electrical and fluid power may be substituted. A one-year diploma program equals 1,050 hours of occupational experience. A two-year diploma program equals 2,100 hours.

D. The completion of courses for credit or clock hours for credit in machine tool process, blueprint reading, numerical control, robotics, hydraulics, tool and die moldmaking, design of smart machines, computer aided design, computer aided manufacturing, quality control, electrical maintenance, electronic assembly, or electronics for maintenance may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5052 [Emergency] TELECOMMUNICATIONS SYSTEMS TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach telecommunications system technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The

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applicant must have a total of 6,000 hours of occupational experience as a technician in two or more of items A to F:

A. installation and maintenance of electronic PBX and key systems;

B. telecommunications equipment underground and aerial construction;

C. cable or optic fiber splicing;

D. central office telecommunications installation;

E. central office telecommunications maintenance; and

F. repair of carrier systems including "T" carrier, microwave, satellite, or optic fiber.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching experience must be in installation and maintenance of electronic PBX and key systems, telecommunications equipment underground and aerial construction, cable or optic fiber splicing, central office telecommunications installation or maintenance, repair of carrier systems including "T" carrier, microwave, satellite, or optic fiber. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 2,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering, industrial technology, or telecommunications may be substituted

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for 3,000 hours.

B. An associate degree in electronics or telecommunications technology may be substituted for 2,000 hours.

C. A diploma in a two-year program in telecommunications systems technician or electronics may be substituted for 2,100 hours.

D. The completion of up to 1,000 hours of courses for credit or clock hours for credit in telecommunications hardware or systems may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5053 [Emergency] METALLURGY TECHNOLOGY LICENSE.

Subpart 1. **Requirements.** To get a license to teach metallurgy technology courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a technician or engineer in metallurgy. The experience must be in quality control, metallurgical testing, chemistry of metallurgic materials, or failure analysis of materials.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in metallurgical technology or metallurgical testing may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience

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required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering, chemistry, or metallurgy may be substituted for 3,000 hours.

B. An associate degree in engineering, chemistry, or metallurgy may be substituted for 2,000 hours.

C. A diploma in a one-year program in metallurgy technology, quality control, or metallurgical testing may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in metallurgical materials, chemistry, or metallurgy may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5054 [Emergency] METROLOGY LICENSES.

Subpart 1. **Requirements.** To get a license to teach metrology courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in a metrology laboratory, precision measurement equipment laboratory, or calibration laboratory.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in metrology technology or electronic technology may be substituted for the recent occupational experience requirement

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if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in mathematics, industrial technology, physics, or engineering may be substituted for 3,000 hours.

B. An associate degree in engineering, metrology, electronic technician, or applied physics may be substituted for 2,000 hours.

C. A diploma in a one year program in metrology technology or electronic technology may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in metrology technology, electronic technology or physics may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5055 [Emergency] COMPUTER AIDED INTEGRATED PRINTED CIRCUIT TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach computer aided integrated printed circuit technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2, 3, and 4.

Subp. 2. **Educational requirement.** The applicant must have the education described in item A, B, or C. The education must

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be from an accredited postsecondary institution.

A. A bachelor's or higher degree in electrical engineering or industrial technology.

B. An associate degree in industrial technology, engineering, electrical or electronic drafting, mechanical drafting, electro-mechanical technology; electronic engineering drafting technologies; electronic drafting design technologies; industrial engineering technology; computer aided design; or electronics technology.

C. A diploma in a two-year program in electrical or electronic drafting, mechanical drafting, electro-mechanical technology, electronic engineering drafting technologies, industrial engineering technology, computer aided design or electronics technology.

Subp. 3. **Occupational experience requirement.** The applicant must have 4,000 hours of occupational experience as a technician or engineer in integrated printed circuit or printed circuit board layout.

Subp. 4. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 3 must be experienced within five years just before applying for the license. Teaching experience at an accredited postsecondary institution in a computer aided integrated printed circuit technician program may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. Two hours of teaching equals one hour of occupational experience.

3515.5056 [Emergency] LASER/ELECTRO-OPTICS TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach laser/electro-optics technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

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Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in laser/electro-optics, electronics, or electro-mechanical systems.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in a laser/electro-optics technician program may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational requirement in subpart 3.

A. A bachelor's or higher degree in physics, engineering, or industrial technology may be substituted for 3,000 hours.

B. An associate degree in laser/electro-optics, industrial technology, electronics technology, or electro-mechanical technology may be substituted for 2,000 hours.

C. A diploma in laser/electro-optics technology, electronics technology, electro-mechanical technology, or industrial technology may be substituted. A one year diploma program equals 1,050 hours. A two-year diploma program equals 2,100 hours.

D. The completion of courses for credit or clock hours for credit in physics, optics, electronics, quantum mechanics, analytic mechanics, microprocessors, electricity, solid state electronics, and computer technology may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of

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occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5057 [Emergency] PERSONNEL ASSISTANT LICENSE.

Subpart 1. **Requirements.** To get a license to teach personnel assistant courses and programs in the business and office occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a manager-supervisor or assistant manager-supervisor in personnel, human resources, labor relations, employee benefits, employee development, or as an employment specialist.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license. Teaching experience in an accredited postsecondary institution in a personnel assistant program may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience required in subpart 3.

A. A bachelor's or higher degree in personnel, human resources, industrial relations, or business may be substituted for 3,000 hours.

B. An associate degree in a personnel assistant program may be substituted for 2,000 hours.

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C. An associate degree in business may be substituted for 500 hours.

D. A diploma in a two-year personnel assistant program may be substituted for 2,100 hours.

E. A diploma in a two-year business program may be substituted for 500 hours.

3515.5058 [Emergency] EKG-CARDIAC TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach EKG-cardiac technician courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a supervisory EKG-cardiac technician or registered nurse in coronary care.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience in an accredited postsecondary institution in an EKG-cardiac technician program or coronary care nursing courses may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education or directed experience described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in nursing or medicine may be substituted for 3,000 hours.

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B. An associate degree in a nursing, perfusionist, or echo sonographer program may be substituted for 2,000 hours.

C. A diploma in nursing, if the diploma holder is a registered nurse, may be substituted for 2,000 hours.

D. A diploma in a one-year EKG-cardiac technician program may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

E. Directed occupational experience under part 3515.1300, subpart 1, as an EKG-cardiac technician or registered nurse in coronary care may be substituted.

3515.5059 [Emergency] CHIROPRACTIC ASSISTANT LICENSE.

Subpart 1. **Requirements.** To get a license to teach chiropractic assistant courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as:

A. a chiropractic assistant, including at least 5,000 hours in direct patient care; or

B. a licensed chiropractor with at least 2,000 hours in direct patient care, acquired as a chiropractor or chiropractic assistant.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours of direct patient care required in subpart 2 must be experienced within three years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

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A. A bachelor's or higher degree in physical therapy or nursing may be substituted for 3,000 hours.

B. An associate degree in physical therapy assisting or nursing may be substituted for 2,000 hours.

C. A diploma in nursing, if the diploma holder is a registered nurse, may be substituted for 2,000 hours.

D. A diploma in a one-year chiropractic assistant, certified physiotherapist, licensed practical nurse, or medical assisting program may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

E. The completion of up to 500 hours of courses for credit or clock hours for credit in certified chiropractic assistant training, radiology or certified physiotherapy, medical office procedures, medical technology, medical transcription, nutrition, or anatomy and physiology may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

~~3515.5060~~ 3515.5068 [Emergency] PUBLIC SAFETY COMMUNICATOR LICENSE.

Subpart 1. **Requirements.** To get a license to teach public safety communicator courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a supervisor or operator-dispatcher in public safety operations dispatching.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience in public safety

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operator-dispatching at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. Except for item E, the education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in law enforcement, public safety telecommunications, criminal justice, sociology or social work, or corrections may be substituted for 3,000 hours.

B. An associate degree in law enforcement or public safety telecommunications may be substituted for 2,000 hours.

C. A diploma in a one-year program in public safety telecommunications may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in emergency medical technician, emergency medical technician I, or coronary pulmonary resuscitation and first aid may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

E. The completion of courses for credit or clock hours for credit in a first aid responder program offered by the Minnesota Department of Health may be substituted. One hour of instruction equals one hour of occupational experience.

~~3515.5061~~ 3515.5069 [Emergency] QUALITY AND PRODUCTIVITY MANAGEMENT LICENSE.

Subpart 1. **Requirements.** To get a license to teach quality and productivity management courses and programs in the

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marketing occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a materials manager, operations manager, or manager supervisor in production and inventory control or manufacturing systems.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirements of subpart 3.

A. A bachelor's or higher degree in industrial management or industrial, manufacturing, or quality engineering, or business administration with a major in manufacturing may be substituted for 3,000 hours.

B. An associate degree in quality and productivity management or production and inventory management may be substituted for 2,000 hours.

C. A diploma in a two-year program in quality and productivity management or production and inventory management may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in transformation of American industry, manufacturing processes, production and inventory management techniques, engineering drawings, quality assurance product development, work simplification, organizational structure of business, material requirements planning, industrial master planning, capacity management, production activity control, and

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inventory management may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5062 [Emergency] BUSINESS TO BUSINESS TELEMARKETING LICENSE.

Subpart 1. **Requirements.** To get a license to teach business to business telemarketing courses and programs in the marketing occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitutions allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as described in items A, B, and C.

A. At least 3,000 hours of the 6,000 must be:

(1) as a telemarketing manager-supervisor;

(2) as a telemarketing operations manager-supervisor; or

(3) as a telemarketing consultant in combination with occupational experience as a business/industry trainer in telemarketing selling techniques.

B. At least 2,000 hours of the 6,000 hours must be as an outbound telemarketer or outbound telemarketer trainer.

C. At least 300 hours of the 6,000 hours must be as an inbound telemarketer, a customer service representative via telephone, or a telephone market researcher or surveyor.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2, item A must be experienced within five years just before applying for the license.

Subp. 4. **Substitution for occupational experience requirement.** The applicant may substitute the education described in item A, B, C, D, or E for up to 2,000 hours of the occupational experience required in subpart 2. Except for item

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E, the education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirements of subpart 3.

A. A bachelor's or higher degree in marketing, marketing education, or distributive education may be substituted for 2,000 hours of any occupational experience described in subpart 2.

B. An associate degree or a diploma in a two-year program in marketing, sales and marketing, or marketing management may be substituted for 1,000 hours of any occupational experience described in subpart 2.

C. An associate degree in business to business telemarketing may be substituted for 2,000 hours of occupational experience described in subpart 2.

D. A diploma in a two-year program in business to business telemarketing may be substituted for 2,100 hours of the occupational experience.

E. The completion of up to 250 hours of telemarketing courses for credit or clock hours for credit offered by: the Telemarketing Managers Association, Midwest Telemarketing Association, or American Telemarketing Association may be substituted for the occupational experience described in subpart 2. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5063 [Emergency] TAXIDERMY LICENSE.

Subpart 1. **Requirements.** To get a license to teach taxidermy courses and programs in the agricultural occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The

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applicant must have 6,000 hours of occupational experience in taxidermy.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education or directed experience described in item A, B, C, or D~~, or E~~ for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occuational experience requirement of subpart 3.

A. A bachelor's or higher degree in fish and wildlife management or natural resource technology may be substituted for 3,000 hours.

B. An associate degree in fish and wildlife management or natural resource technology may be substituted for 2,000 hours.

C. A diploma in a one-year program in natural resource technology may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in taxidermy, bird mounting, game head mounts, federal and state laws related to taxidermy, or reptiles and amphibians may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5064 [Emergency] OCCUPATIONAL SKILLS LICENSE.

Subpart 1. **Requirements.** To get a license to teach occupational skills courses and programs in the service occupations area an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3.

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Subp. 2. **Educational requirement.** The applicant must have a bachelor's or higher degree in education including:

A. completion of student teaching requirements; and

B. the equivalent of a total of 20 quarter credits covering at least the subjects of vocational coordination techniques, introduction to the exceptional learner, assessment of the special learner, and curriculum modification for the special learner. If the four required subjects do not total 20 quarter credits, the remaining credits must be in the subjects of learning disabilities, emotional disturbance, and mental retardation.

Subp. 3. **Occupational experience requirement.** The applicant must have the experience described in items A and B.

A. 1,500 hours of any occupational experience outside of teaching; and

B. At least 2,000 hours of experience within the five years just before application for the license. This experience may be paid or volunteer activity. The activity must be with handicapped or disabled individuals. The activity may involve teaching at an approved postsecondary institution in courses or programs designed to assist handicapped or disabled individuals. Two hours of teaching equals one hour of occupational experience.

3515.5065 [Emergency] ELECTRONIC PUBLISHING/INFORMATION SPECIALIST LICENSE.

Subpart 1. **Requirements.** To get a license to teach electronic publishing/information specialist courses and programs in the trade and industry occupations area, an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a graphic artist doing computer typesetting and prepress

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operations, equipment prepress operations, or electronic specialist/desk top publishing.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching must be in computer typesetting, desk top publishing, or electronic publishing/information specialist. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, an applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in graphic arts, computer science, commercial art, or data processing may be substituted for 3,000 hours.

B. An associate degree in graphic arts, computer science, commercial art, or data processing may be substituted for 2,000 hours.

C. A diploma in electronic publishing/information specialist, computer typesetting, graphic art, phototronics, commercial art, or data processing may be substituted. A diploma in a one-year program equals 1,050 hours of occupational experience. A diploma in a two-year program equals 2,100 hours.

D. The completion of up to 1,000 hours of courses for credit or clock hours for credit in computer typesetting, graphic arts, keylining, commercial art, data processing, word processing, microcomputer applications or programming, desk top publishing, electronic publishing, color separation, advertising art, or printing may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit

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equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5066 [Emergency] COLLISION AND PROPERTY DAMAGE APPRAISAL LICENSE.

Subpart 1. **Requirements.** To get a license to teach collision and property damage appraisal courses and programs in the trade and industry occupations area, an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 8,000 hours of occupational experience as an insurance adjuster and appraiser in multiline auto, truck, and property insurance.

Subp. 3. **Recent occupational experience.** Four thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. The teaching must be in auto and truck collision and property damage appraisal. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience requirement.** The applicant may substitute the education described in item A, B, or C~~, or D~~ for up to 2,000 of the 8,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made an applicant must still comply with subpart 3.

A. An associate or higher degree in engineering, building inspection, construction supervision, automotive technician, accounting or business management may be substituted for 2,000 hours.

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B. A diploma in collision and property damage appraisal, truck diesel mechanics, auto body repair, auto parts merchandising, auto machinist, automotive mechanics, or carpentry may be substituted. A one year program equals 1,050 hours of occupational experience. A two-year program equals 2,100 hours of occupational experience.

C. The completion of courses for credit or clock hours for credit in the following subjects may be substituted: introduction to computers or microcomputers; introduction to spreadsheets; customer communications; business law; applied mathematics; construction materials/blueprint reading; real estate insurance; business correspondence; carpentry; photography; auto insurance; auto estimating collision damage; auto bodyshop; manuals; building insurance; building construction; building manuals; and building damage. One hour of instruction is equal to one hour of occupational experience. One quarter credit is equal to 20 hours of occupational experience. One semester credit is equal to 30 hours of occupational credit.

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by Revisor _____

APPROVED AS TO FORM AND LEGALITY

March 26 1987

HUBERT H. HUMPHREY, III
ATTORNEY GENERAL

BY MJ Cassedy
SPECIAL ASSISTANT ATTORNEY GENERAL

STATE OF MINNESOTA
FILED

MAR 27 1987

Joan Anderson Howe 9:50 am
Secretary of State

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2000.9980 CERTIFICATE OF AUTHORIZING RESOLUTION FOR EMERGENCY RULES.

CERTIFICATE OF THE

STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

AUTHORIZING RESOLUTION

I, Douglas Knowlton, do hereby certify that I am a member and the President of the State Board of Vocational Technical Education, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the State Board of Vocational Technical Education duly and properly called and held on the 9th day of June, 1986, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

> "RESOLVED, that Helen Henrie, Deputy State Director of the State Board of Vocational Technical Education is hereby granted the authority and directed to sign an Order of the State Board of Vocational Technical Education directing the publication in the State Register of proposed emergency rules governing Uncharted Licensure Criteria, Automotive Collision and Property Damage Appraisal, Business to Business Marketing, Occupational Skills, Personnel Assistant, Quality and Productivity Management, Metallurgical Technology, Electronic Publishing, Chiropractic Assistant, Automated Manufacturing as well as perform any and all acts incidental thereto."

IN WITNESS WHEREOF, I have hereunto subscribed my name this 8th day of September 1986.

Douglas Knowlton

Douglas Knowlton, President
State Board of Vocational
Technical Education

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2000.9980 CERTIFICATE OF AUTHORIZING RESOLUTION FOR EMERGENCY RULES.

CERTIFICATE OF THE

STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

AUTHORIZING RESOLUTION

I, Douglas Knowlton, do hereby certify that I am a member and the President of the State Board of Vocational Technical Education, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the State Board of Vocational Technical Education duly and properly called and held on the 8th day of Septmeber 1986, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

> "RESOLVED, that Helen Henrie, Deputy State Director of the State Board of Vocational Technical Education is hereby granted the authority and directed to sign an Order of the State Board of Vocational Technical Education directing the publication in the State Register of proposed emergency rules governing Uncharted Licensure Criteria, Public Safety Communicator, EKG/Cardiac Technician, Telecommunications Systems Technician, Computer Aided Printed Circuit Technician, Metrology, Laser/Electro-Optics Technician, Taxidermy as well as perform any and all acts incidental thereto."

IN WITNESS WHEREOF, I have hereunto subscribed my name this 8th day of September 1986.

Douglas Knowlton

Douglas Knowlton, President
State Board of Vocational
Technical Education

Vocational Technical Education Board

Proposed Emergency Rules Relating to Postsecondary Vocational Teaching Licenses For Courses and Programs in Emerging Occupations

Rules as Proposed (all new material)

3515.5051 [Emergency] AUTOMATED MANUFACTURING TECHNOLOGY LICENSE.

Subpart 1. **Requirements.** To get a license to teach automated manufacturing technology courses and programs in the technical occupations area an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in tool and die moldmaking, automated production lines, numerical controls, computerized numerical controls machining, or automated manufacturing.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the 6,000 hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching experience must be in industrial machining, tool and die moldmaking, or automated production lines, numerical controls, computerized numerical controls machining, or automated manufacturing. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited

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postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering or industrial technology may be substituted for 3,000 hours.

B. An associate degree in machine trade, automated systems maintenance, automated manufacturing technology, or engineering may be substituted for 2,000 hours.

C. A diploma in machine shop operations, tool and die moldmaking, electromechanical technology, automated packaging equipment maintenance, electronic technology, automated manufacturing technology, automated systems maintenance, robotics, or electrical and fluid power may be substituted. A one-year diploma program equals 1,050 hours of occupational experience. A two-year diploma program equals 2,100 hours.

D. The completion of courses for credit or clock hours for credit in machine tool process, blueprint reading, numerical control, robotics, hydraulics, tool and die moldmaking, design of smart machines, computer aided design, computer aided manufacturing, quality control, electrical maintenance, electronic assembly, or electronics for maintenance may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5052 [Emergency] TELECOMMUNICATIONS SYSTEMS TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach telecommunications system technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The

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applicant must have a total of 6,000 hours of occupational experience as a technician in two or more of items A to F:

A. installation and maintenance of electronic PBX and key systems;

B. telecommunications equipment underground and aerial construction;

C. cable or optic fiber splicing;

D. central office telecommunications installation;

E. central office telecommunications maintenance; and

F. repair of carrier systems including "T" carrier, microwave, satellite, or optic fiber.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching experience must be in installation and maintenance of electronic PBX and key systems, telecommunications equipment underground and aerial construction, cable or optic fiber splicing, central office telecommunications installation or maintenance, repair of carrier systems including "T" carrier, microwave, satellite, or optic fiber. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering, industrial technology, or telecommunications may be substituted

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for 3,000 hours.

B. An associate degree in electronics or telecommunications technology may be substituted for 2,000 hours.

C. A diploma in a two-year program in telecommunications systems technician or electronics may be substituted for 2,100 hours.

D. The completion of up to 1,000 hours of courses for credit or clock hours for credit in telecommunications hardware or systems may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5053 [Emergency] METALLURGY TECHNOLOGY LICENSE.

Subpart 1. **Requirements.** To get a license to teach metallurgy technology courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a technician or engineer in metallurgy. The experience must be in quality control, metallurgical testing, chemistry of metallurgic materials, or failure analysis of materials.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in metallurgical technology or metallurgical testing may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience

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required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering, chemistry, or metallurgy may be substituted for 3,000 hours.

B. An associate degree in engineering, chemistry, or metallurgy may be substituted for 2,000 hours.

C. A diploma in a one-year program in metallurgy technology, quality control, or metallurgical testing may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in metallurgical materials, chemistry, or metallurgy may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5054 [Emergency] METROLOGY LICENSES.

Subpart 1. **Requirements.** To get a license to teach metrology courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in a metrology laboratory, precision measurement equipment laboratory, or calibration laboratory.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in metrology technology or electronic technology may be substituted for the recent occupational experience requirement

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if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in mathematics, industrial technology, physics, or engineering may be substituted for 3,000 hours.

B. An associate degree in engineering, metrology, electronic technician, or applied physics may be substituted for 2,000 hours.

C. A diploma in a one year program in metrology technology or electronic technology may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in metrology technology, electronic technology or physics may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5055 [Emergency] COMPUTER AIDED INTEGRATED PRINTED CIRCUIT TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach computer aided integrated printed circuit technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2, 3, and 4.

Subp. 2. **Educational requirement.** The applicant must have the education described in item A, B, or C. The education must

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be from an accredited postsecondary institution.

A. A bachelor's or higher degree in electrical engineering or industrial technology.

B. An associate degree in industrial technology, engineering, electrical or electronic drafting, mechanical drafting, electro-mechanical technology; electronic engineering drafting technologies; electronic drafting design technologies; industrial engineering technology; computer aided design; or electronics technology.

C. A diploma in a two-year program in electrical or electronic drafting, mechanical drafting, electro-mechanical technology, electronic engineering drafting technologies, industrial engineering technology, computer aided design or electronics technology.

Subp. 3. **Occupational experience requirement.** The applicant must have 4,000 hours of occupational experience as a technician or engineer in integrated printed circuit or printed circuit board layout.

Subp. 4. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 3 must be experienced within five years just before applying for the license. Teaching experience at an accredited postsecondary institution in a computer aided integrated printed circuit technician program may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. Two hours of teaching equals one hour of occupational experience.

3515.5056 [Emergency] LASER/ELECTRO-OPTICS TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach laser/electro-optics technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

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Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in laser/electro-optics, electronics, or electro-mechanical systems.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in a laser/electro-optics technician program may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational requirement in subpart 3.

A. A bachelor's or higher degree in physics, engineering, or industrial technology may be substituted for 3,000 hours.

B. An associate degree in laser/electro-optics, industrial technology, electronics technology, or electro-mechanical technology may be substituted for 2,000 hours.

C. A diploma in laser/electro-optics technology, electronics technology, electro-mechanical technology, or industrial technology may be substituted. A one year diploma program equals 1,050 hours. A two-year diploma program equals 2,100 hours.

D. The completion of courses for credit or clock hours for credit in physics, optics, electronics, quantum mechanics, analytic mechanics, microprocessors, electricity, solid state electronics, and computer technology may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of

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occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5057 [Emergency] PERSONNEL ASSISTANT LICENSE.

Subpart 1. **Requirements.** To get a license to teach personnel assistant courses and programs in the business and office occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a manager-supervisor or assistant manager-supervisor in personnel, human resources, labor relations, employee benefits, employee development, or as an employment specialist.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license. Teaching experience in an accredited postsecondary institution in a personnel assistant program may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience required in subpart 3.

A. A bachelor's or higher degree in personnel, human resources, industrial relations, or business may be substituted for 3,000 hours.

B. An associate degree in a personnel assistant program may be substituted for 2,000 hours.

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C. An associate degree in business may be substituted for 500 hours.

D. A diploma in a two-year personnel assistant program may be substituted for 2,100 hours.

E. A diploma in a two-year business program may be substituted for 500 hours.

3515.5058 [Emergency] EKG-CARDIAC TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach EKG-cardiac technician courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a supervisory EKG-cardiac technician or registered nurse in coronary care.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience in an accredited postsecondary institution in an EKG-cardiac technician program or coronary care nursing courses may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education or directed experience described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in nursing or medicine may be substituted for 3,000 hours.

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B. An associate degree in a nursing, perfusionist, or echo sonographer program may be substituted for 2,000 hours.

C. A diploma in nursing, if the diploma holder is a registered nurse, may be substituted for 2,000 hours.

D. A diploma in a one-year EKG-cardiac technician program may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

E. Directed occupational experience under part 3515.1300, subpart 1, as an EKG-cardiac technician or registered nurse in coronary care may be substituted.

3515.5059 [Emergency] CHIROPRACTIC ASSISTANT LICENSE.

Subpart 1. **Requirements.** To get a license to teach chiropractic assistant courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as:

A. a chiropractic assistant, including at least 5,000 hours in direct patient care; or

B. a licensed chiropractor with at least 2,000 hours in direct patient care, acquired as a chiropractor or chiropractic assistant.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours of direct patient care required in subpart 2 must be experienced within three years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

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A. A bachelor's or higher degree in physical therapy or nursing may be substituted for 3,000 hours.

B. An associate degree in physical therapy assisting or nursing may be substituted for 2,000 hours.

C. A diploma in nursing, if the diploma holder is a registered nurse, may be substituted for 2,000 hours.

D. A diploma in a one-year chiropractic assistant, certified physiotherapist, licensed practical nurse, or medical assisting program may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

E. The completion of up to 500 hours of courses for credit or clock hours for credit in certified chiropractic assistant training, radiology or certified physiotherapy, medical office procedures, medical technology, medical transcription, nutrition, or anatomy and physiology may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5060 [Emergency] PUBLIC SAFETY COMMUNICATOR LICENSE.

Subpart 1. **Requirements.** To get a license to teach public safety communicator courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a supervisor or operator-dispatcher in public safety operations dispatching.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience in public safety operator-dispatching at an accredited postsecondary institution

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may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. Except for item E, the education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in law enforcement, public safety telecommunications, criminal justice, sociology or social work, or corrections may be substituted for 3,000 hours.

B. An associate degree in law enforcement or public safety telecommunications may be substituted for 2,000 hours.

C. A diploma in a one-year program in public safety telecommunications may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in emergency medical technician, emergency medical technician I, or coronary pulmonary resuscitation and first aid may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

E. The completion of courses for credit or clock hours for credit in a first aid responder program offered by the Minnesota Department of Health may be substituted. One hour of instruction equals one hour of occupational experience.

3515.5061 [Emergency] QUALITY AND PRODUCTIVITY MANAGEMENT LICENSE.

Subpart 1. **Requirements.** To get a license to teach quality and productivity management courses and programs in the marketing occupations area, an applicant must comply with parts

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3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a materials manager, operations manager, or manager supervisor in production and inventory control or manufacturing systems.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirements of subpart 3.

A. A bachelor's or higher degree in industrial management or industrial, manufacturing, or quality engineering, or business administration with a major in manufacturing may be substituted for 3,000 hours.

B. An associate degree in quality and productivity management or production and inventory management may be substituted for 2,000 hours.

C. A diploma in a two-year program in quality and productivity management or production and inventory management may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in transformation of American industry, manufacturing processes, production and inventory management techniques, engineering drawings, quality assurance product development, work simplification, organizational structure of business, material requirements planning, industrial master planning, capacity management, production activity control, and inventory management may be substituted. One hour of

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instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5062 [Emergency] BUSINESS TO BUSINESS TELEMARKETING LICENSE.

Subpart 1. **Requirements.** To get a license to teach business to business telemarketing courses and programs in the marketing occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitutions allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as described in items A, B, and C.

A. At least 3,000 hours of the 6,000 must be:

(1) as a telemarketing manager-supervisor;

(2) as a telemarketing operations manager-supervisor; or

(3) as a telemarketing consultant in combination with occupational experience as a business/industry trainer in telemarketing selling techniques.

B. At least 2,000 hours of the 6,000 hours must be as an outbound telemarketer or outbound telemarketer trainer.

C. At least 300 hours of the 6,000 hours must be as an inbound telemarketer, a customer service representative via telephone, or a telephone market researcher or surveyor.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2, item A must be experienced within five years just before applying for the license.

Subp. 4. **Substitution for occupational experience requirement.** The applicant may substitute the education described in item A, B, C, D, or E for up to 2,000 hours of the occupational experience required in subpart 2. Except for item E, the education must be from an accredited postsecondary

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institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirements of subpart 3.

A. A bachelor's or higher degree in marketing, marketing education, or distributive education may be substituted for 2,000 hours of any occupational experience described in subpart 2.

B. An associate degree or a diploma in a two-year program in marketing, sales and marketing, or marketing management may be substituted for 1,000 hours of any occupational experience described in subpart 2.

C. An associate degree in business to business telemarketing may be substituted for 2,000 hours of occupational experience described in subpart 2.

D. A diploma in a two-year program in business to business telemarketing may be substituted for 2,100 hours of the occupational experience.

E. The completion of up to 250 hours of telemarketing courses for credit or clock hours for credit offered by: the Telemarketing Managers Association, Midwest Telemarketing Association, or American Telemarketing Association may be substituted for the occupational experience described in subpart 2. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5063 [Emergency] TAXIDERMY LICENSE.

Subpart 1. **Requirements.** To get a license to teach taxidermy courses and programs in the agricultural occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience in

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taxidermy.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education or directed experience described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occuational experience requirement of subpart 3.

A. A bachelor's or higher degree in fish and wildlife management or natural resource technology may be substituted for 3,000 hours.

B. An associate degree in fish and wildlife management or natural resource technology may be substituted for 2,000 hours.

C. A diploma in a one-year program in natural resource technology may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in taxidermy, bird mounting, game head mounts, federal and state laws related to taxidermy, or reptiles and amphibians may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5064 [Emergency] OCCUPATIONAL SKILLS LICENSE.

Subpart 1. **Requirements.** To get a license to teach occupational skills courses and programs in the service occupations area an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3.

Subp. 2. **Educational requirement.** The applicant must have

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a bachelor's or higher degree in education including:

A. completion of student teaching requirements; and

B. the equivalent of a total of 20 quarter credits covering at least the subjects of vocational coordination techniques, introduction to the exceptional learner, assessment of the special learner, and curriculum modification for the special learner. If the four required subjects do not total 20 quarter credits, the remaining credits must be in the subjects of learning disabilities, emotional disturbance, and mental retardation.

Subp. 3. **Occupational experience requirement.** The applicant must have the experience described in items A and B.

A. 1,500 hours of any occupational experience outside of teaching; and

B. At least 2,000 hours of experience within the five years just before application for the license. This experience may be paid or volunteer activity. The activity must be with handicapped or disabled individuals. The activity may involve teaching at an approved postsecondary institution in courses or programs designed to assist handicapped or disabled individuals. Two hours of teaching equals one hour of occupational experience.

3515.5065 [Emergency] ELECTRONIC PUBLISHING/INFORMATION SPECIALIST LICENSE.

Subpart 1. **Requirements.** To get a license to teach electronic publishing/information specialist courses and programs in the trade and industry occupations area, an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a graphic artist doing computer typesetting and prepress operations, equipment prepress operations, or electronic

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specialist/desk top publishing.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching must be in computer typesetting, desk top publishing, or electronic publishing/information specialist. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, an applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in graphic arts, computer science, commercial art, or data processing may be substituted for 3,000 hours.

B. An associate degree in graphic arts, computer science, commercial art, or data processing may be substituted for 2,000 hours.

C. A diploma in electronic publishing/information specialist, computer typesetting, graphic art, phototronics, commercial art, or data processing may be substituted. A diploma in a one-year program equals 1,050 hours of occupational experience. A diploma in a two-year program equals 2,100 hours.

D. The completion of up to 1,000 hours of courses for credit or clock hours for credit in computer typesetting, graphic arts, keylining, commercial art, data processing, word processing, microcomputer applications or programming, desk top publishing, electronic publishing, color separation, advertising art, or printing may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit

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equals 30 hours of occupational experience.

3515.5066 [Emergency] COLLISION AND PROPERTY DAMAGE APPRAISAL LICENSE.

Subpart 1. **Requirements.** To get a license to teach collision and property damage appraisal courses and programs in the trade and industry occupations area, an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 8,000 hours of occupational experience as an insurance adjuster and appraiser in multiline auto, truck, and property insurance.

Subp. 3. **Recent occupational experience.** Four thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. The teaching must be in auto and truck collision and property damage appraisal. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience requirement.** The applicant may substitute the education described in item A, B, C, or D for up to 2,000 of the 8,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made an applicant must still comply with subpart 3.

A. An associate or higher degree in engineering, building inspection, construction supervision, automotive technician, accounting or business management may be substituted for 2,000 hours.

B. A diploma in collision and property damage

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appraisal, truck diesel mechanics, auto body repair, auto parts merchandising, auto machinist, automotive mechanics, or carpentry may be substituted. A one year program equals 1,050 hours of occupational experience. A two-year program equals 2,100 hours of occupational experience.

C. The completion of courses for credit or clock hours for credit in the following subjects may be substituted: introduction to computers or microcomputers; introduction to spreadsheets; customer communications; business law; applied mathematics; construction materials/blueprint reading; real estate insurance; business correspondence; carpentry; photography; auto insurance; auto estimating collision damage; auto bodyshop; manuals; building insurance; building construction; building manuals; and building damage. One hour of instruction is equal to one hour of occupational experience. One quarter credit is equal to 20 hours of occupational experience. One semester credit is equal to 30 hours of occupational credit.

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Office of the Revisor of Statutes

Administrative Rules

TITLE: Proposed Emergency Rules Relating to Postsecondary Vocational Teaching Licenses for Courses and Programs in Emerging Occupations

AGENCY: Vocational Technical Education Board

MINNESOTA RULES: Chapter 3515

The attached rules are approved for publication in the State Register

Richard J. Sands
Senior Assistant Revisor

pp. 1248-1257

STATE OF MINNESOTA

STATE REGISTER

DEPARTMENT OF ADMINISTRATION—DOCUMENTS DIVISION



Monday 29 December 1986

VOLUME 11, NUMBER 26

Pages 1133-1268

3517.9400 REVOCATION OR SUSPENSION OF APPROVAL.

Subpart 1. **Revision of program.** When an institution revises an approved licensing program in vocational teacher education, the administrator of the administrative and instructional unit of the institution shall send the executive secretary of the Board of Teaching a written description of the revision.

Subp. 2. **Audit.** An audit, which need not include an on-site visit, must be made to verify that the revised approved vocational teacher education licensing program still complies with parts 3517.9000 to 3517.9200.

Subp. 3. **Revocation or suspension.** The Board of Teaching shall revoke or suspend the approval of a licensing program in vocational teacher education if it determines that, as revised, the program no longer meets the criteria for approval in part 3517.9100, subpart 3, items A to J.

Subp. 4. **Termination date.** The board shall set a date when program approval will be terminated if the program does not comply with approval criteria in part 3517.9100, subpart 3, items A to J.

3517.9500 DISAPPROVAL.

When a program description fails to meet the criteria for approval in part 3517.9100, subpart 3, items A to J on the first application for approval, the Board of Teaching shall disapprove the program and shall state specific reasons for the disapproval.

3517.9600 EVALUATION PROCEDURE AND SUBSEQUENT AUDITS.

Subpart 1. **Evaluation procedure.** Licensing programs in secondary vocational teacher education for which approval is requested must be evaluated for first approval and audited for continued approval according to this part.

Subp. 2. **First approval.** When an approved Minnesota institution submits a program description to the Board of Teaching for first approval, the board staff, or persons designated as auditors by the board staff, may visit the institution to verify the program description, if necessary.

Subp. 3. **Continuing approval.** During the operation of an approved program, the Board of Teaching may arrange an audit visit in consultation with the institution to verify that the program complies with parts 3517.9000 to 3517.9200. Auditors shall report their findings to the executive secretary of the board and to the institution. The board's staff, or persons designated as auditors by the board staff, in consultation with the institution, shall make audit visits on a five-year cycle to verify program descriptions and to make a recommendation regarding initial or continuing approval of each program. Expenses of auditors must be reimbursed.

3517.9700 REEVALUATION PROCEDURE.

Decisions on the status of licensing programs in vocational teacher education made by the Board of Teaching according to part 3517.9000, subpart 2, may be reevaluated by the board, whose decision is final.

Vocational Technical Education Board

Proposed Emergency Rules Relating to Postsecondary Vocational Teaching Licenses for Courses and Programs in Emerging Occupations

Notice of Intent to Adopt Emergency Rules without a Public Hearing

Automated Manufacturing Technology
Telecommunications Systems Technician
Metallurgy Technology
Metrology
Computer Aided Integrated Printing Circuit Technician
Laser/Electro-Optics Technician
Personnel Assistant
EKG-Cardiac Technician
Chiropractic Assistant
Public Safety Communicator
Quality and Productivity Management
Business to Business Telemarketing
Taxidermy
Occupational Skills
Electronic Publishing/Information Specialist
Collision and Property Damage Appraisal

Notice is hereby given that the State Board of Vocational Technical Education proposes to adopt the above entitled emergency rules. The statutory authority to adopt emergency rules is contained in Minnesota Statutes 136C.04, Subdivision 9.

Persons interested in these rules have until 4:30 p.m., Wednesday, January 28, 1987 to submit written comments. The proposed emergency rules may be modified if the modifications are supported by data and views submitted to the State Board of Vocational Technical Education. Written comments should be sent to either:

Helen Henrie, Deputy Director
State Board of Voc. Tech. Ed.
565 Capitol Square
550 Cedar Street
St. Paul, MN 51501
Telephone: (612) 297-4575

Georgia Pomroy, License Revision
State Board of Voc. Tech. Ed.
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101
Telephone: (612) 296-0680

Upon adoption of these emergency rules, this notice, all written comments received, and the adopted emergency rules will be delivered to the Attorney General and to the Revisor of Statutes for review as to form and legality.

Notice of the date of submission of the proposed emergency rules to the Attorney General will be mailed to any person requesting to receive this notice. The Attorney General shall approve or disapprove the proposed emergency rule and any modifications on the tenth working day following the date of receipt of the proposed emergency rules from the agency.

The adopted emergency rules will not become effective without the Attorney General's approval and the Revisor of Statutes certification of the rules form. Emergency rules take effect five working days after approval by the Attorney General.

As required by the Administrative Procedures Act, Minnesota Statutes, Chapter 14, these emergency rules shall be in effect for up to 180 days following their adoption and may be continued in effect for an additional 180 days if the State Director gives notice of continuation by publishing notice in the *State Register* and mailing the same notice to all persons registered with the State Director to receive notice of rulemaking proceedings.

The emergency rules shall not be effective 360 days after their effective date without following the procedures in Minnesota Statutes, sections 14.13 to 14.20.

These emergency rules will be implemented through existing processes and will not result in new expenditures by school districts.

A free copy of the proposed emergency rules may be obtained by contacting either:

Helen Henrie, Deputy Director
State Board of Vocational Technical Education
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101
Telephone: (612) 297-4575

Georgia Pomroy, Licensure Revision
State Board of Vocational Technical Education
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101
Telephone (612) 296-0680

Joseph P. Graba, State Director
State Board of Vocational Technical Education

Rules as Proposed (all new material)

3515.5051 [Emergency] AUTOMATED MANUFACTURING TECHNOLOGY LICENSE.

Subpart 1. **Requirements.** To get a license to teach automated manufacturing technology courses and programs in the technical occupations area an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

KEY: PROPOSED RULES SECTION — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." ADOPTED RULES SECTION — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in tool and die moldmaking, automated production lines, numerical controls, computerized numerical controls machining, or automated manufacturing.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the 6,000 hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching experience must be in industrial machining, tool and die moldmaking, or automated production lines, numerical controls, computerized numerical controls machining, or automated manufacturing. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering or industrial technology may be substituted for 3,000 hours.

B. An associate degree in machine trade, automated systems maintenance, automated manufacturing technology, or engineering may be substituted for 2,000 hours.

C. A diploma in machine shop operations, tool and die moldmaking, electromechanical technology, automated packaging equipment maintenance, electronic technology, automated manufacturing technology, automated systems maintenance, robotics, or electrical and fluid power may be substituted. A one-year diploma program equals 1,050 hours of occupational experience. A two-year diploma program equals 2,100 hours.

D. The completion of courses for credit or clock hours for credit in machine tool process, blueprint reading, numerical control, robotics, hydraulics, tool and die moldmaking, design of smart machines, computer aided design, computer aided manufacturing, quality control, electrical maintenance, electronic assembly, or electronics for maintenance may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5052 [Emergency] TELECOMMUNICATIONS SYSTEMS TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach telecommunications system technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have a total of 6,000 hours of occupational experience as a technician in two or more of items A to F:

A. installation and maintenance of electronic PBX and key systems;

B. telecommunications equipment underground and aerial construction;

C. cable or optic fiber splicing;

D. central office telecommunications installation;

E. central office telecommunications maintenance; and

F. repair of carrier systems including "T" carrier, microwave, satellite, or optic fiber.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching experience must be in installation and maintenance of electronic PBX and key systems, telecommunications equipment underground and aerial construction, cable or optic fiber splicing, central office telecommunications installation or maintenance, repair of carrier systems including "T" carrier, microwave, satellite, or optic fiber. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering, industrial technology, or telecommunications may be substituted for 3,000 hours.

B. An associate degree in electronics or telecommunications technology may be substituted for 2,000 hours.

C. A diploma in a two-year program in telecommunications systems technician or electronics may be substituted for 2,100 hours.

D. The completion of up to 1,000 hours of courses for credit or clock hours for credit in telecommunications hardware or systems may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5053 [Emergency] METALLURGY TECHNOLOGY LICENSE.

Subpart 1. **Requirements.** To get a license to teach metallurgy technology courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a technician or engineer in metallurgy. The experience must be in quality control, metallurgical testing, chemistry of metallurgic materials, or failure analysis of materials.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in metallurgical technology or metallurgical testing may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in engineering, chemistry, or metallurgy may be substituted for 3,000 hours.

B. An associate degree in engineering, chemistry, or metallurgy may be substituted for 2,000 hours.

C. A diploma in a one-year program in metallurgy technology, quality control, or metallurgical testing may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in metallurgical materials, chemistry, or metallurgy may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5054 [Emergency] METROLOGY LICENSES.

Subpart 1. **Requirements.** To get a license to teach metrology courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in a metrology laboratory, precision measurement equipment laboratory, or calibration laboratory.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in metrology technology or electronic technology may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in mathematics, industrial technology, physics, or engineering may be substituted for 3,000 hours.

B. An associate degree in engineering, metrology, electronic technician, or applied physics may be substituted for 2,000 hours.

KEY: PROPOSED RULES SECTION — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." ADOPTED RULES SECTION — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

C. A diploma in a one year program in metrology technology or electronic technology may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in metrology technology, electronic technology or physics may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5055 [Emergency] COMPUTER AIDED INTEGRATED PRINTED CIRCUIT TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach computer aided integrated printed circuit technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2, 3, and 4.

Subp. 2. **Educational requirement.** The applicant must have the education described in item A, B, or C. The education must be from an accredited postsecondary institution.

A. A bachelor's or higher degree in electrical engineering or industrial technology.

B. An associate degree in industrial technology, engineering, electrical or electronic drafting, mechanical drafting, electro-mechanical technology; electronic engineering drafting technologies; electronic drafting design technologies; industrial engineering technology; computer aided design; or electronics technology.

C. A diploma in a two-year program in electrical or electronic drafting, mechanical drafting, electro-mechanical technology, electronic engineering drafting technologies, industrial engineering technology, computer aided design or electronics technology.

Subp. 3. **Occupational experience requirement.** The applicant must have 4,000 hours of occupational experience as a technician or engineer in integrated printed circuit or printed circuit board layout.

Subp. 4. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 3 must be experienced within five years just before applying for the license. Teaching experience at an accredited postsecondary institution in a computer aided integrated printed circuit technician program may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. Two hours of teaching equals one hour of occupational experience.

3515.5056 [Emergency] LASER/ELECTRO-OPTICS TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach laser/electro-optics technician courses and programs in the technical occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as an engineer or technician in laser/electro-optics, electronics, or electro-mechanical systems.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution in a laser/electro-optics technician program may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational requirement in subpart 3.

A. A bachelor's or higher degree in physics, engineering, or industrial technology may be substituted for 3,000 hours.

B. An associate degree in laser/electro-optics, industrial technology, electronics technology, or electro-mechanical technology may be substituted for 2,000 hours.

C. A diploma in laser/electro-optics technology, electronics technology, electro-mechanical technology, or industrial technology may be substituted. A one year diploma program equals 1,050 hours. A two-year diploma program equals 2,100 hours.

D. The completion of courses for credit or clock hours for credit in physics, optics, electronics, quantum mechanics, analytic mechanics, microprocessors, electricity, solid state electronics, and computer technology may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5057 [Emergency] PERSONNEL ASSISTANT LICENSE.

Subpart 1. **Requirements.** To get a license to teach personnel assistant courses and programs in the business and office occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a manager-supervisor or assistant manager-supervisor in personnel, human resources, labor relations, employee benefits, employee development, or as an employment specialist.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license. Teaching experience in an accredited postsecondary institution in a personnel assistant program may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience required in subpart 3.

A. A bachelor's or higher degree in personnel, human resources, industrial relations, or business may be substituted for 3,000 hours.

B. An associate degree in a personnel assistant program may be substituted for 2,000 hours.

C. An associate degree in business may be substituted for 500 hours.

D. A diploma in a two-year personnel assistant program may be substituted for 2,100 hours.

E. A diploma in a two-year business program may be substituted for 500 hours.

3515.5058 [Emergency] EKG-CARDIAC TECHNICIAN LICENSE.

Subpart 1. **Requirements.** To get a license to teach EKG-cardiac technician courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a supervisory EKG-cardiac technician or registered nurse in coronary care.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience in an accredited postsecondary institution in an EKG-cardiac technician program or coronary care nursing courses may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education or directed experience described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in nursing or medicine may be substituted for 3,000 hours.

B. An associate degree in a nursing, perfusionist, or echo sonographer program may be substituted for 2,000 hours.

C. A diploma in nursing, if the diploma holder is a registered nurse, may be substituted for 2,000 hours.

D. A diploma in a one-year EKG-cardiac technician program may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

E. Directed occupational experience under part 3515.1300, subpart 1, as an EKG-cardiac technician or registered nurse in coronary care may be substituted.

3515.5059 [Emergency] CHIROPRACTIC ASSISTANT LICENSE.

Subpart 1. **Requirements.** To get a license to teach chiropractic assistant courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as:

A. a chiropractic assistant, including at least 5,000 hours in direct patient care; or

KEY: PROPOSED RULES SECTION — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." ADOPTED RULES SECTION — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

B. a licensed chiropractor with at least 2,000 hours in direct patient care, acquired as a chiropractor or chiropractic assistant.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours of direct patient care required in subpart 2 must be experienced within three years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in physical therapy or nursing may be substituted for 3,000 hours.

B. An associate degree in physical therapy assisting or nursing may be substituted for 2,000 hours.

C. A diploma in nursing, if the diploma holder is a registered nurse, may be substituted for 2,000 hours.

D. A diploma in a one-year chiropractic assistant, certified physiotherapist, licensed practical nurse, or medical assisting program may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

E. The completion of up to 500 hours of courses for credit or clock hours for credit in certified chiropractic assistant training, radiology or certified physiotherapy, medical office procedures, medical technology, medical transcription, nutrition, or anatomy and physiology may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5060 [Emergency] PUBLIC SAFETY COMMUNICATOR LICENSE.

Subpart 1. **Requirements.** To get a license to teach public safety communicator courses and programs in the health occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a supervisor or operator-dispatcher in public safety operations dispatching.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience in public safety operator-dispatching at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this three-year period. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. Except for item E, the education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in law enforcement, public safety telecommunications, criminal justice, sociology or social work, or corrections may be substituted for 3,000 hours.

B. An associate degree in law enforcement or public safety telecommunications may be substituted for 2,000 hours.

C. A diploma in a one-year program in public safety telecommunications may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in emergency medical technician, emergency medical technician I, or coronary pulmonary resuscitation and first aid may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

E. The completion of courses for credit or clock hours for credit in a first aid responder program offered by the Minnesota Department of Health may be substituted. One hour of instruction equals one hour of occupational experience.

3515.5061 [Emergency] QUALITY AND PRODUCTIVITY MANAGEMENT LICENSE.

Subpart 1. **Requirements.** To get a license to teach quality and productivity management courses and programs in the marketing occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a materials manager, operations manager, or manager supervisor in production and inventory control or manufacturing systems.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirements of subpart 3.

A. A bachelor's or higher degree in industrial management or industrial, manufacturing, or quality engineering, or business administration with a major in manufacturing may be substituted for 3,000 hours.

B. An associate degree in quality and productivity management or production and inventory management may be substituted for 2,000 hours.

C. A diploma in a two-year program in quality and productivity management or production and inventory management may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in transformation of American industry, manufacturing processes, production and inventory management techniques, engineering drawings, quality assurance product development, work simplification, organizational structure of business, material requirements planning, industrial master planning, capacity management, production activity control, and inventory management may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5062 [Emergency] BUSINESS TO BUSINESS TELEMARKETING LICENSE.

Subpart 1. **Requirements.** To get a license to teach business to business telemarketing courses and programs in the marketing occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitutions allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as described in items A, B, and C.

A. At least 3,000 hours of the 6,000 must be:

(1) as a telemarketing manager-supervisor;

(2) as a telemarketing operations manager-supervisor; or

(3) as a telemarketing consultant in combination with occupational experience as a business/industry trainer in telemarketing selling techniques.

B. At least 2,000 hours of the 6,000 hours must be as an outbound telemarketer or outbound telemarketer trainer.

C. At least 300 hours of the 6,000 hours must be as an inbound telemarketer, a customer service representative via telephone, or a telephone market researcher or surveyor.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2, item A must be experienced within five years just before applying for the license.

Subp. 4. **Substitution for occupational experience requirement.** The applicant may substitute the education described in item A, B, C, D, or E for up to 2,000 hours of the occupational experience required in subpart 2. Except for item E, the education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirements of subpart 3.

A. A bachelor's or higher degree in marketing, marketing education, or distributive education may be substituted for 2,000 hours of any occupational experience described in subpart 2.

B. An associate degree or a diploma in a two-year program in marketing, sales and marketing, or marketing management may be substituted for 1,000 hours of any occupational experience described in subpart 2.

C. An associate degree in business to business telemarketing may be substituted for 2,000 hours of occupational experience described in subpart 2.

D. A diploma in a two-year program in business to business telemarketing may be substituted for 2,100 hours of the occupational experience.

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E. The completion of up to 250 hours of telemarketing courses for credit or clock hours for credit offered by: the Telemarketing Managers Association, Midwest Telemarketing Association, or American Telemarketing Association may be substituted for the occupational experience described in subpart 2. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5063 [Emergency] TAXIDERMY LICENSE.

Subpart 1. **Requirements.** To get a license to teach taxidermy courses and programs in the agricultural occupations area, an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience in taxidermy.

Subp. 3. **Recent occupational experience requirement.** One thousand five hundred of the hours required in subpart 2 must be experienced within three years just before applying for the license.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education or directed experience described in item A, B, C, D, ~~or~~ E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occuational experience requirement of subpart 3.

A. A bachelor's or higher degree in fish and wildlife management or natural resource technology may be substituted for 3,000 hours.

B. An associate degree in fish and wildlife management or natural resource technology may be substituted for 2,000 hours.

C. A diploma in a one-year program in natural resource technology may be substituted for 1,050 hours. A diploma in a two-year program may be substituted for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in taxidermy, bird mounting, game head mounts, federal and state laws related to taxidermy, or reptiles and amphibians may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5064 [Emergency] OCCUPATIONAL SKILLS LICENSE.

Subpart 1. **Requirements.** To get a license to teach occupational skills courses and programs in the service occupations area an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3.

Subp. 2. **Educational requirement.** The applicant must have a bachelor's or higher degree in education including:

A. completion of student teaching requirements; and

B. the equivalent of a total of 20 quarter credits covering at least the subjects of vocational coordination techniques, introduction to the exceptional learner, assessment of the special learner, and curriculum modification for the special learner. If the four required subjects do not total 20 quarter credits, the remaining credits must be in the subjects of learning disabilities, emotional disturbance, and mental retardation.

Subp. 3. **Occupational experience requirement.** The applicant must have the experience described in items A and B.

A. 1,500 hours of any occupational experience outside of teaching; and

B. At least 2,000 hours of experience within the five years just before application for the license. This experience may be paid or volunteer activity. The activity must be with handicapped or disabled individuals. The activity may involve teaching at an approved postsecondary institution in courses or programs designed to assist handicapped or disabled individuals. Two hours of teaching equals one hour of occupational experience.

3515.5065 [Emergency] ELECTRONIC PUBLISHING/INFORMATION SPECIALIST LICENSE.

Subpart 1. **Requirements.** To get a license to teach electronic publishing/information specialist courses and programs in the trade and industry occupations area, an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 6,000 hours of occupational experience as a graphic artist doing computer typesetting and prepress operations, equipment prepress operations, or electronic specialist/desk top publishing.

Subp. 3. **Recent occupational experience requirement.** Two thousand of the hours required in subpart 2 must be experienced within three years just before applying for the license. Teaching experience at an accredited postsecondary institution may be sub-

stituted for the recent occupational experience requirement if the teaching is done during this three-year period. The teaching must be in computer typesetting, desk top publishing, or electronic publishing/information specialist. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in item A, B, C, or D for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, an applicant must still comply with the recent occupational experience requirement of subpart 3.

A. A bachelor's or higher degree in graphic arts, computer science, commercial art, or data processing may be substituted for 3,000 hours.

B. An associate degree in graphic arts, computer science, commercial art, or data processing may be substituted for 2,000 hours.

C. A diploma in electronic publishing/information specialist, computer typesetting, graphic art, phototronics, commercial art, or data processing may be substituted. A diploma in a one-year program equals 1,050 hours of occupational experience. A diploma in a two-year program equals 2,100 hours.

D. The completion of up to 1,000 hours of courses for credit or clock hours for credit in computer typesetting, graphic arts, keylining, commercial art, data processing, word processing, microcomputer applications or programming, desk top publishing, electronic publishing, color separation, advertising art, or printing may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

3515.5066 [Emergency] COLLISION AND PROPERTY DAMAGE APPRAISAL LICENSE.

Subpart 1. **Requirements.** To get a license to teach collision and property damage appraisal courses and programs in the trade and industry occupations area, an applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000. Parts 3515.9920 to 3515.9942 do not apply. The applicant must also comply with subparts 2 and 3 either with or without the substitution allowed by subpart 4.

Subp. 2. **Occupational experience requirement.** The applicant must have 8,000 hours of occupational experience as an insurance adjuster and appraiser in multiline auto, truck, and property insurance.

Subp. 3. **Recent occupational experience.** Four thousand of the hours required in subpart 2 must be experienced within five years just before applying for the license. Teaching experience at an accredited postsecondary institution may be substituted for the recent occupational experience requirement if the teaching is done during this five-year period. The teaching must be in auto and truck collision and property damage appraisal. Two hours of teaching equals one hour of occupational experience.

Subp. 4. **Substitution for occupational experience requirement.** The applicant may substitute the education described in item A, B, C, ~~or D~~ for up to 2,000 of the 8,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made an applicant must still comply with subpart 3.

A. An associate or higher degree in engineering, building inspection, construction supervision, automotive technician, accounting or business management may be substituted for 2,000 hours.

B. A diploma in collision and property damage appraisal, truck diesel mechanics, auto body repair, auto parts merchandising, auto machinist, automotive mechanics, or carpentry may be substituted. A one year program equals 1,050 hours of occupational experience. A two-year program equals 2,100 hours of occupational experience.

C. The completion of courses for credit or clock hours for credit in the following subjects may be substituted: introduction to computers or microcomputers; introduction to spreadsheets; customer communications; business law; applied mathematics; construction materials/blueprint reading; real estate insurance; business correspondence; carpentry; photography; auto insurance; auto estimating collision damage; auto bodyshop; manuals; building insurance; building construction; building manuals; and building damage. One hour of instruction is equal to one hour of occupational experience. One quarter credit is equal to 20 hours of occupational experience. One semester credit is equal to 30 hours of occupational credit.

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2000.9945 AFFIDAVIT OF MAILING

In the Matter of the Proposed Adoption of Rules of the State of Minnesota Governing Uncharted Licensure Criteria, Automated Manufacturing Technology, Telecommunications Systems Technician, Metallurgy Technology, Metrology, Computer Aid Integrated Printed Circuit Technician, Laser/Electro-Optics Technician, Chiropractic Assistant, EKG/Cardiac Technician, Personnel Assistant, Public Safety Communicator, Quality and Productivity Management, Business to Business Telemarketing, Taxidermy, Occupational Skills, Electronic Publishing/ Information Specialist, Collision and Property Damage Appraisal, Minn. Rules pt. 3515.5060 to 3515.5066.

AFFIDAVIT OF MAILING
(Notice of Intent)

STATE OF MINNESOTA]
] ss.
COUNTY OF RAMSEY]

Sharon Y. Smith, being first duly sworn deposes and says:

That on the 17th day of December, 1986, at the City of St. Paul, State of Minnesota, she served the attached Notice of Proposed Adoption of Emergency Rules by depositing in the State of Minnesota Central Mail System for United States mailing at said City of St. Paul, a copy thereof, properly enveloped, with postage prepaid, on all persons and associations who have requested that their names be placedon file with the State Board of Vocational Technical Education for the purpose of receiving notice of the proposed adoption of rules by this Board.

Sharon Y Smith

Subscribed and sworn to before me
this 17th day of December, 1986.

Caroline E. Wisniewski
Notary Public

CAROLINE E. WISNIEWSKI
NOTARY PUBLIC-MINNESOTA
DAKOTA COUNTY
MY COMMISSION EXPIRES MARCH 28, 1991

2 copies

CERTIFICATE OF BOARD'S RESOLUTION ADOPTING RULES

I, Norma McKanna, do hereby certify that I am a member and the President of the Board of Vocational Technical Education, a board duly authorized under the laws of the State of Minnesota and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board of Vocational Technical Education, duly and properly called and held on the 9th day of February, 1987, that a quorum was present at said meeting, that a majority of those present voted for the resolution, and that said resolution is set forth in the minutes of said meeting and has not been rescinded or modified.

"RESOLVED, that the rules relating to Uncharted Licensure Criteria, Automated Manufacturing Technology, Telecommunications Systems Technician, Metallurgy Technology, Metrology, Computer Aided Integrated Printing Circuit Technician, Laser/Electro-Optics Technician, Personnel Assistant, EKG-Cardiac Technician, Chiropractic Assistant, Public Safety Communicator, Quality and Productivity Management, Business to Business Telemarketing, Taxidermy, Occupational Skills, Electronic Publishing/Information Specialist, and Collision and Property Damage Appraisal, Minn. Rules pts. 3515.5051 to 3515.5059 and 3515.5062 to 3515.5066 and 3515.5068 and 3515.5069 be and they hereby are approved and adopted, pursuant to authority vested in us by Minnesota Statutes s136C.04 (1985) and that Helen Henrie, Deputy Director of the Board of Vocational Technical Education, be and hereby is authorized to sign an order adopting these rules and further is authorized to perform the necessary acts to provide that these rules shall have the force and effect of law."

IN WITNESS WHEREOF, I have hereunto subscribed my name this 9th day of February, 1987.

Norma McKanna

President of the Board

Julia E. Semplin

Attest by Board Member

CERTIFICATE OF BOARD'S
RESOLUTION ADOPTING RULES

"RESOLVED, that the rules relating to Uncharted Licensure Criteria, Automated Manufacturing Technology, Telecommunications Systems Technician, Metallurgy Technology, Metrology, Computer Aided Integrated Printing Circuit Technician, Laser/Electro-Optics Technician, Personnel Assistant, EKG - Cardiac Technician, Chiropractic Assistant, Public Safety Communicator, Quality and Productivity Management, Business to Business Telemarketing, Taxidermy, Occupational Skills, Electronic Publishing/Information Specialist, and Collision and Property Damage Appraisal, Minn. Rules pts. 3515.5051 to 3515.5059 and 3515.5062 to 3515.5066 and 3515.5068 and 3515.5069 be and they hereby are approved and adopted, pursuant to authority vested in us by Minnesota Statutes s136C.04 (1985) and that Helen Henrie, Deputy Director of the Board of Vocational Technical Education, be and hereby is authorized to sign an order adopting these rules and further is authorized to perform the necessary acts to provide that these rules shall have the force and effect of law."

STATE OF MINNESOTA
STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

In the Matter of the Proposed Adoption of Emergency Rules of the State of Minnesota Governing Uncharted Licensure Criteria, Automated Manufacturing Technology, Telecommunication Systems Technician, Metallurgy Technology, Metrology, Computer Aided Integrated Printing Circuit Technician, Laser/Electro-Optics Technician, Personnel Assistant, EKG-Cardiac Technician, Chiropractic Assistant, Public Safety Communicator, Quality and Productivity Management, Business to Business Telemarketing, Taxidermy, Occupational Skills, Electronic Publishing/Information Specialist, and Collision and Property Damage Appraisal, Minn. Rules pts. 3515.5051 to 3515.5059 and 3515.5062 to 3515.5066 and 3515.5068 and 3515.5069

FINDINGS OF FACT AND CONCLUSIONS OF LAW

The above-entitled matter was authorized for emergency rulemaking proceedings in two parts by the State Board of Vocational Technical Education (hereinafter "Board") on June 9, 1986 and September 8, 1986.

It is now before the Board for final approval and adoption. Therefore, the Board makes the following Findings of Fact, and Conclusions of Law.

FINDINGS OF FACT

1. That on June 9, 1986 and September 8, 1986 the Board passed a resolution authorizing the adoption of the above-entitled rules through the emergency rulemaking procedure.

2. That on December 17, 1986, notice of the intent to adopt the above entitled emergency rules was sent by United States mail to all persons on the list maintained by the agency pursuant to Minnesota Statutes, section 14.30 and on December 29, 1986 the rules as proposed, and a Notice of Intent to Adopt Emergency Rules were published in the State Register. The notice included a statement advising the public that a free copy of the proposed rules would be available on request from the Board, and that notice of the date of submission of the proposed emergency rules to the attorney general would be mailed to any person requesting to receive the notice.

3. For at least 25 days after publication the Board afforded all interested persons an opportunity to submit data and views on the proposed emergency rules in writing. Ten persons requested a copy of the rules.

4. One comment was received in the Board office during the comment period. The single comment suggested two modifications to the proposed rule. One proposal would give the applicant the same amount of credit in lieu of occupational experience for a 2-year occupational diploma as for an associate degree. The proposal was rejected because the Board has consistently recognized that the associate degree contains some general education credits which should not entitle the applicant to occupational credit. The other proposal is based upon a credit policy currently being developed but which has not yet been adopted. This proposal was not accepted at this time, but will be considered if the policy is ultimately adopted by the Board

5. No requests for notice of submission to the Attorney General were received by the agency.

6. The rules as proposed contained typographical errors which have been corrected. As proposed, Minn. Rules pts. read as follows:

"3515.5060 (Emergency) Public Safety Communicator License ".

"3515.5061 (Emergency) Quality and Productivity Management".

"3515.5063 (Emergency) Taxidermy.

Subp. 4. Substitution for occupational experience. The applicant may substitute the education or directed experience described in item A, B, C, D, or E for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3."

3515.5066 (Emergency) Collision and Property Damage Appraisal License.

Subp. 4. Substitution for occupational experience requirement. The applicant may substitute the education described in item A, B, C, or D for up to 2,000 of the 8,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made an applicant must still comply with the recent occupational experience requirement of subpart 3.

The Parts as adopted will read:

3515.5068 (Emergency) Public Safety Communicator License

3515.5069 (Emergency) Quality and Productivity Management License

3515.5063 (Emergency) Taxidermy License

Subp. 4. Substitution for occupational experience. The applicant may substitute the education or directed experience described in item A, B, C, or D, for up to 3,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recent occupational experience requirement of subpart 3.

3515.5063 (Emergency) Collision and Property Damage Appraisal License

Subp. 4. Substitution for occupational experience requirement. The applicant may substitute the education described in item A, B, or C for up to 2,000 of the 8,000 hours of the occupational experience required in subpart 2. The education must be from an accredited postsecondary institution. If the substitution is made an applicant must still comply with recent occupational experience of subpart 3.

With the exception of these changes, the rules as adopted are the same as those proposed. None of these changes constitutes as substantial change as defined in Minn. Rules pt. 2010.100, item D. The first two changes only renumber the rule to avoid duplication of existing rules. The second two changes were made to delete references to nonexistence subparts.

7. That on February 9, 1987 the Board authorized a resolution to adopt the rules as published in the State Register December 29, 1986.

8. That on February 10, 1987 the Director State Board of Vocational Technical Education signed an order adopting the Emergency Rules as published.

CONCLUSIONS OF LAW

1. That the Board has authority, pursuant to Minnesota Statutes s136C.04 (1986) to promulgate these emergency rules.

2. That the change in the rules as adopted is not substantial, and is only to correct a typographical error.

3. That the Board complied with all applicable statutory requirements in promulgating these emergency rules.

4. That the rules are both needed and reasonable.

NOW THEREFORE, IT IS ORDERED that the rules identified as Minn. Rules pts. 3515.5051 to 3515.5059 and 3515.5062 to 3515.5066 and 3515.5068 and 3515.5069, as modified, are adopted this 2/9/87 day of February, 1987, pursuant to authority vested in the Board by Minnesota Statutes, Section 136C.04, subdivision 9.

STATE OF MINNESOTA
STATE BOARD OF VOCATIONAL
TECHNICAL EDUCATION

Dated: 3/2/87

Helen Henrie

Helen Henrie, Deputy Director

2000.9925 **STATEMENT OF COMPLIANCE WITH RULEMAKING PROCEDURES**

In the Matter of the proposed Adoption of Rules of the State of Minnesota Governing (Emergency) Uncharted Licensure Criteria, Automated Manufacturing Technology, Telecommunications Systems Technician, Metallurgy Technology, Metrology, Computer Aided Integrated Printing Circuit Technician, Laser/Electro-Optics Technician, Personnel Assistant, EKG-Cardiac Technician, Chiropractic Assistant, Public Safety Communicator, Quality and Productivity Management, Business to Business Telemarketing, Taxidermy, Occupational Skills, Electronic Publishing/Information Specialist, and Collision and Property Damage Appraisal, Minn. Rules pt. 3515.5051 to 3515.5059 and 3515.5062 to 3515.5066 and 3515.5068 and 3515.5069.

STATEMENT OF COMPLIANCE WITH RULEMAKING PROCEDURES

I, Special Assistant Attorney General Charles T. Mottl,

do hereby declare that I have examined the rules and all related documents and that, based on my examination and my personal familiarity with the applicable procedures, the Administrative Procedure Act, the rules of the Office of Administrative Hearings, and the rules of the Attorney General have been followed. Any exceptions are noted below.

Charles T. Mottl
Special Assistant Attorney General

Dated: 3-11-87

2000,9983

STATE OF MINNESOTA
STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

In the Matter of the Proposed Adoption of Emergency Rules of the State of Minnesota Governing Uncharted Licensure Criteria, Automated Manufacturing Technology, Telecommunications Systems Technician, Metallurgy Technology, Metrology, Computer Aided Integrated Printed Circuit Technician, Laser/Electro-Optics Technician, Personnel Assistant, EKG/Cardiac Technician, Chiropractic Assistant, Public Safety Communicator, Quality and Productivity Management, Business to Business Telemarketing, Taxidermy, Occupational Skills, Electronic Publishing/Information Specialist, Collision and Property Damage Appraisal, Minn. Rules pt. 3515.5051 to 3515.5066.

ORDER FOR PUBLICATION OF EMERGENCY RULES

IT IS ORDERED this 17th day of December 19 86, that the proposed emergency rules in the above-entitled matter be published in the State Register.

STATE OF MINNESOTA

Helen Henrie

Deputy Director of
The State Board of Vocational
Technical Education

SF-00006-05 (4/86)

DEPARTMENT : ATTORNEY GENERAL - Bremer

STATE OF MINNESOTA

Office Memorandum

DATE : March 11, 1987

TO : MARTHA CASSERLY
Special Assistant Attorney General

FROM : CHARLES T. MOTTL CTM
Special Assistant Attorney General

RECEIVED
MAR 12 1987
ATTORNEY GENERAL
ADMINISTRATIVE AGENCIES

PHONE : 296-3854

SUBJECT : EMERGENCY RULES REVIEW - STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION, 40.0A77.0830.

As you will note, I have signed the Statement of Compliance for the attached emergency rules. There are some elements in the Notice, both as mailed and as published in the State Register, which do not contain exactly the information as set forth in Minn. Rules pt. 2010.0400E. However, since I believe there has been substantial compliance with those rules, I have not listed them as exceptions on the Statement. The specific points are:

1. Rule 2010.0400E.1. suggests that the Notice should reference Minn. Stat. § 14.29 to 14.36. That specific reference is not in the Notice, but the Notice states that the Board is engaging in emergency rulemaking.

2. Rule 2010.0400E.2. suggests that the Notice should state that data and views may be submitted on parts or subparts of the prepared rule. The Notice as given indicates comments may be submitted about the rules, but does not specifically reference parts or subparts thereof.

3. Rule 2010.0400E.6. suggests a statement in the Notice that the rules may be modified based upon the views and data submitted if the changes are not substantial. The reference to "not substantial" is not contained in the Notice, but the Notice indicates that the rules will be submitted to the Attorney General for review as to form and legality.

4. Rule 2010.0400E.7. suggests that the Notice should indicate the manner in which a request for notice of submission to the Attorney General should be made. While the Notice used is not that specific, there are sufficient references in the Notice to names, addresses and telephone numbers to give interested persons the identification of those to contact.

As I indicated above, I believe there has been substantial compliance with the rules on emergency rulemaking. There has been complete compliance with the statutory procedures for emergency rulemaking.

Based upon the foregoing and my review of the entire file, I conclude that there has been substantial compliance with all rulemaking procedures and that the public has been given fair and adequate notice of the Board's intent to adopt the emergency rules. I recommend approval as to legality and form as it relates to legality.

CTM/smo
Attachment

cc: Helen Henrie
Georgia Pomroy

MEMORANDUM

TO: Persons Registered with the State Board of Vocational Technical Education to Receive Notice of Any Rulemaking Proceedings

FROM: Joseph P. Graba, State Director
State Board of Vocational Technical Education

DATE: December 12, 1986

RE: Notice of Proposed Adoption of Emergency Rules

Enclosed you will find the Notice of Proposed Adoption of Emergency Rules relating to uncharted licensure criteria for:

Automated Manufacturing Technology
Telecommunications systems Technician
Metallurgy Technology
Metrology
Computer Aided Integrated Printed Circuit Technician
Laser/Electro-Optics Technician
Personnel Assistant
EKG - Cardiac Technician
Chiropractic Assistant
Public Safety Communicator
Quality and Productivity Management
Business to Business Telemarketing
Taxidermy
Occupational Skills
Electronic Publishing/Information Specialist
Collision and Property Damage Appraisal

To receive a notice of the date of submission of the proposed emergency rules to the Attorney General, please request that notice by contacting:

Helen Henrie, Deputy Director
State Board of Vocational Technical Education
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101

Georgia Pomroy, Licensure Revision
State Board of Vocational Technical Education
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101

GP:slr

STATE BOARD OF VOCATIONAL TECHNICAL EDUCATION

Proposed Emergency Rules Relating to Uncharted Licensure Criteria:

Notice of Intent to Adopt Emergency Rules Without a Public Hearing

Automated Manufacturing Technology
Telecommunications Systems Technician
Metallurgy Technology
Metrology
Computer Aided Integrated Printing Circuit Technician
Laser/Electro-Optics Technician
Personnel Assistant
EKG - Cardiac Technician
Chiropractic Assistant
Public Safety Communicator
Quality and Productivity Management
Business to Business Telemarketing
Taxidermy
Occupational Skills
Electronic Publishing/Information Specialist
Collision and Property Damage Appraisal

Notice is hereby given that the State Board of Vocational Technical Education proposes to adopt the above entitled emergency rules. The statutory authority to adopt emergency rules is contained in Minnesota Statutes 136C.04, Subdivision 9.

Persons interested in these rules have until 4:30 p.m., Wednesday, January 28, 1987 to submit written comments. The proposed emergency rules may be modified if the modifications are supported by data and views submitted to the State Board of Vocational Technical Education. Written comments should be sent to either:

Helen Henrie, Deputy Director
State Board of Voc. Tech. Ed.
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101
Telephone: (612) 297-4575

Georgia Pomroy, License Revision
State Board of Voc. Tech. Ed.
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101
Telephone: (612) 296-0680

Upon adoption of these emergency rules, this notice, all written comments received, and the adopted emergency rules will be delivered to the Attorney General and to the Revisor of Statutes for review as to form and legality.

Notice of the date of submission of the proposed emergency rules to the Attorney General will be mailed to any person requesting to receive this notice. The Attorney General shall approve or disapprove the proposed emergency rule and any modifications on the tenth working day following the date of receipt of the proposed emergency rules from the agency.

The adopted emergency rules will not become effective without the Attorney General's approval and the Revisor of Statutes certification of the rules form. Emergency rules take effect five working days after approval by the Attorney General.

As required by the Administrative Procedures Act, Minnesota Statutes, Chapter 14, these emergency rules shall be in effect for up to 180 days following their adoption and may be continued in effect for an additional 180 days if the State Director gives notice of continuation by publishing notice in the State Register and mailing the same notice to all persons registered with the State Director to receive notice of rulemaking proceedings.

The emergency rules shall not be effective 360 days after their effective date without following the procedures in Minnesota Statutes, sections 14.13. to 14.20.

These emergency rules will be implemented through existing processes and will not result in new expenditures by school districts.

A free copy of the proposed emergency rules may be obtained by contacting either:

Helen Henrie, Deputy Director
State Board of Vocational Technical Education
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101
Telephone: (612) 297-4575

Georgia Pomroy, Licensure Revision
State Board of Vocational Technical Education
565 Capitol Square
550 Cedar Street
St. Paul, MN 55101
Telephone (612) 296-0680

Joseph P. Graba, State Director
State Board of Vocational Technical Education

Missing - Called For:

Notice of Intent ok

Aff of Mailing Notice of Intent ok

Revisor's Certif for Proposed Rule. (forthcoming)

Rule

Pg 15 Line 6-7

How do you teach business to a business telemarketing course + programs.

not a substantial change { change from proposed to adopted - Pg 17 Line 4
" - " " " " " Pg 20 " 27

Notice of Intent

Does not state they will follow the procedures as set forth in Mn Statutes §§ 14.29 to 14.36

Area Vocational Technical Institute Faribault

Main Campus: 1225 S.W. Third Street, Faribault, MN 55021 507-334-3965
North Campus: 1401 Cannon Circle, Faribault, MN 55021 507-332-7444

January 16, 1987

Georgia Pomroy
License Revision Assistant
Minnesota State Board of Vocational
Technical Education
Capitol Square Bldg.
550 Cedar Street
St. Paul, MN 55101

Dear Georgia:

Thank you for sending us the proposed Quality and Productivity Management licensure regulations. I am suggesting in subp. 4, paragraph C, that you allow 2,000 hours of credit for the same amount of time that you are allowing for an associate degree in paragraph B. Also in subp. 4, paragraph D, the proposed quarter credits versus clock hours for occupational experience should comply with the proposed State Board policy on credits that Dan Wagner is working on. Please cross reference this item with his office.

I noticed in your initial request an applicant must comply with parts 3515.0100 to 3515.4400; and 3515.5000. Would you please send to us these regulations for reference. Thank you.

Sincerely,

FARIBAULT AREA VOCATIONAL-TECHNICAL INSTITUTE

Viril C. Layton cf.

VIRIL C. LAYTON
Director

VCL/cf

Xc: Dan Wagner