



HB
1036

1929 N. Washington St., Suite A-1
PO Box 7335, Bismarck, ND 58507
Phone: 701-328-9522
Email: electric@nd.gov
Website: www.ndseb.com

1. ND State Electrical board does not receive money from the state general fund, we collect revenue from licensing and inspection fees
2. Apprenticeship education since February 1, 2008, with US DOL approving programs
3. Received comments from electrical contractors and apprentices they could not get in touch with US DOL
4. 2013 Tried to have education meeting with educators & US DOL, after the second meeting the US DOL said they had the final say on apprenticeship programs and we could not make changes
5. 2018 went to the legislature and asked for changes in NDCC 43-09 replacing the US DOL for approving programs to NDSEB approving educational courses and also received the authority from the legislature to expend funds to promote electrical industry, which several electricians testified to. Then:
 - a. Formed Educational advisory committee
 - b. Created policies and procedures and forms for prospective electrical educators
 - c. Created scholarship fund for NDSCS students & apprentices, \$500/semester for ND residents maintaining a minimum of a 2.5 GPA
 - d. To date the board has paid out \$1,054,500 to 2,109 apprentices since the fall semester of 2020
6. Through the administrative rules process, as of July 1, 2024, created Professional Education Apprenticeship Program (PEAP) program policy for apprentices that have 4 years of experience but now can take a shortened approved program to earn their education component
7. Been holding education committee meetings ever since
8. We track education pathways of apprentices on their ability of passing the journeyman's exam
9. Current staff can handle the extra work the apprenticeship education created

BOARD MEMBERS

Rod Mayer
PRESIDENT

Christina Roemmich
VICE PRESIDENT

Jon Hoffman
SECRETARY

Gerald "Poke" Buck
TREASURER

James Brandenburg
MEMBER



NDSEB EDUCATION COMMITTEE CONTACT INFO 3 Year Terms

Appointed 12-09-2020	9/25/2024	Committee Member Position	365	Appt Date	Term Expire	Cell #	Email	Address	City	Zip Code
Zach Sheeley		On Campus Rep	4	1/1/2025	12/31/28	701-671-2715	zachary.sheeley@ndscs.edu	609 N 4th St	Wahpeton, ND	58075
Robert Zachariason		On Campus Rep	3	1/1/2025	12/31/27	(701) 541-0367	rob.zachariason@gmail.com	3020 Elm Street North	Fargo, ND	58102
Nichole Wischnak		Off Campus Rep	4	1/1/2025	12/31/28	(701) 231-6912	nichole.wischnak@ndscs.edu	NDSCS-Fargo Campus Rm 147C 1305 19th Ave N.	Fargo, ND	58103
Brian Poykko		ND-Prof Engineer	3	1/1/2025	12/31/27	(701) 739-3128	brian@poykkoengineering.com	3712 Belmont Rd	Grand Forks, ND	58201
Tim Pull		ND Master	3	1/1/2025	12/31/27	(701) 371-3531	timjohnpull@gmail.com	6280 173 Ave SE	Colfax, ND	58018
Steve Mundahl		ND Journeyman	3	1/1/2025	12/31/27	(701) 213-7650	s_mundahl@hotmail.com	2255 Eagle Ave	Hatton, ND	58240
Ivan Maas		ND Power Limited Electrician	4	1/1/2025	12/31/28	(701) 899-1087	ivan.maas@ndscs.edu	609 N 4th St	Wahpeton, ND	58075
Adam Kidwell		Related Apprentice Educator	3	1/1/2024	12/31/26	(701) 720-5999	adamk@dakotajiatc.org	11240 Dakota Ridge Rd	Minot, ND	58701
Jeff Kirstein		Related Apprentice Educator	3	1/1/2024	12/31/26	(605) 376-0819	iecdak@midconetwork.com	28318 466th Ave	Lennox, SD	57039
Scott Halle		Training Director		1/1/2021	no end date	(701) 955-0731	shalle@nd.gov	1929 N. Washington St Ste A-1	Bismarck, ND	58507
James Schmidt		Executive Director		1/1/2021	no end date	(701) 516-6527	jameschmidt@nd.gov	1930 N. Washington St Ste A-1	Bismarck, ND	58507



APPLICATION FOR RELATED TRAINING SCHOLARSHIP FUNDS (PROVIDER)
 NORTH DAKOTA STATE ELECTRICAL BOARD
 SFN 61924 (12-2020)

Name of Provider		Contact Person	
Mailing Address			
City		State	ZIP Code
Telephone Number		Email Address	
Semester <input type="checkbox"/> 1 st Semester - Fall <input type="checkbox"/> 2 nd Semester - Spring		Number of Apprentices Enrolled this Semester in Related Training Program?	
Related Training Program is Approved by the North Dakota State Electrical Board? <input type="checkbox"/> No <input type="checkbox"/> Yes – Provide North Dakota State Electrical Board Course Approval Number			
All of the Following Requirements Must Be Met to Apply for Related Training Scholarship Funds <ol style="list-style-type: none"> Record providing proof of purchase of education materials for the current year's classes. List of apprentices enrolled per semester in related training program. The apprentice is a resident of North Dakota. Provide a complete address. The apprentice works in the jurisdiction of the North Dakota State Electrical Board. The apprentice is employed by a North Dakota based electrical contractor. The apprentice continuously has been registered with the North Dakota State Electrical Board. The apprentice is enrolled in a board approved related training electrical apprenticeship program. The apprentice must have and maintain a minimum of a 2.5 grade point average from the previous semester (including incoming from High School). If an apprentice fails a semester, funds will not be available for the apprentice until a 2.5 grade point average is achieved. The related training provider shall distribute equally the NDSEB scholarship funds to each approved apprentice the amount (up to \$500) which is intended to defray any costs the apprentice may incur for his/her related training educational expenses. 			

I authorize investigation of all statements contained in this application. I understand that misrepresentation or omission of facts called for in this application may be cause for denial.

Signature	Date
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Attach NDSEB Provided Apprentice Information Spreadsheet

FOR OFFICE USE ONLY

Number of Apprentices Approved (Requirements Met)	Approved By	Date
Amount for Each Apprentice (up to \$500) = Total Amount	Check Number	Paid Date

Submit completed application to:

North Dakota State Electrical Board
 PO Box 7335
 Bismarck, ND 58507

Phone: 701-328-9522
 Email Address: electric@nd.gov
 Website: www.ndseb.com

NDSEB APPRENTICE/STUDENT SCHOLARSHIPS PAID OUT

PROVIDER	2020 1ST SEMESTER			2021 2ND SEMESTER			2021 1ST SEMESTER			2022 2ND SEMESTER			2023 1ST SEMESTER			2023 2ND SEMESTER		
	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received
DAKOTAS JATC	\$92,500.00	185	\$100,510.93	\$61,500.00	123	\$71,100.86	\$70,000.00	140	\$70,122.03	\$84,500.00	169	\$86,431.57	\$82,000.00	164	\$81,034.61	\$46,500.00	93	\$72,684.12
IEC	\$29,000.00	58	\$86,264.16	\$25,500.00	53	\$65,562.83	\$24,500.00	49	\$100,348.47	\$24,000.00	48	\$100,348.47	\$27,500.00	55	\$109,924.27	\$25,500.00	51	\$100,630.15
NDSCS	\$32,000.00	64		\$19,500.00	39		\$34,500.00	69		\$16,500.00	37		\$35,000.00	71		\$0.00	0	Did not apply
SEMESTER TOTAL	\$153,500.00	307		\$107,500.00	215		\$129,000.00	258		\$127,000.00	254		\$145,000.00	280		\$72,000.00	144	
			Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt
			\$5793.06	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.87	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
			\$1,487.31	\$0.00	\$0.00	\$2,047.59	\$0.00	\$0.00	\$2,047.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$1,973.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$780.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$1,973.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

PROVIDER	2024 1ST SEMESTER			2024 2ND SEMESTER			2025 1ST SEMESTER			2025 2ND SEMESTER			2026 1ST SEMESTER			2026 2ND SEMESTER		
	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received
BISMARCK STATE COLLEGE	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00	\$0.00	0	\$0.00
DAKOTAS JATC	\$65,500.00	131	\$71,431.54	\$57,000.00	114	\$65,530.06	\$75,000.00	150	\$78,127.86									
IEC	\$26,000.00	52	\$146,826.17	\$27,500.00	55	\$146,826.17												
NDSCS	\$33,500.00	67		\$25,500.00	51		\$32,500.00	65										
SEMESTER TOTAL	\$125,000.00	206		\$88,000.00	220		\$107,500.00	215		\$0.00	0		\$0.00	0		\$0.00	0	
			Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt
			\$546.28	\$500.00	\$572.8	\$500.00	\$520.85	\$500.00	\$520.85	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
			\$2,823.58	\$0.00	\$2,669.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$58.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

PROVIDER	2028 1ST SEMESTER			2027 2ND SEMESTER			2027 1ST SEMESTER			2028 2ND SEMESTER			2028 1ST SEMESTER			2029 2ND SEMESTER		
	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received	Amount Paid	No. of Apprentices	Invoice Amt Received
BSC																		
DAKOTAS JATC																		
IEC																		
NDSCS																		
SEMESTER TOTAL	\$0.00	0		\$0.00	0		\$0.00	0		\$0.00	0		\$0.00	0		\$0.00	0	
			Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt	Spent/Appt	Awarded/Appt
			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

No. of Apprentices	AMT PAID TO PROVIDER TOTAL	PROVIDER
-	\$0.00	BSC
1,231	\$615,500.00	DAKOTAS JATC
421	\$210,500.00	IEC
467	\$228,500.00	NDSCS
2,109	\$1,054,000.00	Total Paid Out
	\$	\$ 500.00

Apprenticeship Related Training Program	Program Approval Number	Phone Number	Website
Dakotas Area Electrical Apprenticeship and Training (Dakotas JATC)	2021-001	701-297-5934	www.dakotasiatc.org
Associated Builders and Contractors (ABC) of MN & ND The Construction Education Foundation (CEF) of MN	2021-002	952-941-8693	www.mnabc.com
IEC Dakotas (Independent Electrical Contractors)	2021-003	605-271-0395	www.iecdakotas.com
NDSCS - North Dakota State College of Science ApprenticeshipND - Motors	2021-004	701-231-6921	www.ndscs.edu/workforce-affairs
NDSCS - North Dakota State College of Science ApprenticeshipND - Transformers	2021-005	701-231-6921	www.ndscs.edu/workforce-affairs
Electrical Association	2021-006	612-827-6117	www.electricalassociation.com
Magnum Electric	2024-007P	701-551-3240	www.powerhouse-edu.com



APPRENTICESHIP RELATED TRAINING PROGRAM APPLICATION
 NORTH DAKOTA STATE ELECTRICAL BOARD
 SFN 62002 (6-2021)

Program Requirements:

- Criteria must be set up for instructor to follow (i.e., curriculum, classroom, substitute instructor, computer, books, keys for building, pay, labs, grading, attendance, student absences, and make-up of class cancellations).
- A gradebook must be set up and maintained based on minimum homework, quiz, and labs accomplished per week.
- Grades must be documented and kept for all students.
- Students must sign in and out for compliance of hours and accountability.
- The provider must have a method to transfer a student transcript between other related training programs.
- Students must complete a minimum of 144 hours per year of related instruction.
- All assessments/exams must be accomplished in a classroom setting or proctored.
- Code book must be in cycle with state required code.
- Students must have their curriculum books and workbooks for the semester.
- No smoking or alcoholic beverages are allowed in class.
- Students may receive breaks not to exceed 10% per hour.
- Curriculum must be board approved.

NEC (National Electrical Code) Year		Sponsor of Program	
Program Type - check all that apply <input type="checkbox"/> Classroom <input type="checkbox"/> Online <input type="checkbox"/> Correspondence <input type="checkbox"/> Webinar			
Program Title			
Contact Person			
Address			
City		State	ZIP Code
Telephone Number			
Email Address		Website Address	
List of Sponsor's Curriculum Materials <input type="checkbox"/> No <input type="checkbox"/> Yes - Attach			
Instructor Meets Experience, Qualifications and Must Lecture and Maintain the Curriculum <input type="checkbox"/> No <input type="checkbox"/> Yes - Attach completed "Apprenticeship Related Training Instructor Application" (SFN 62003)			
Program Syllabus for Each Year of Course (4 years) <input type="checkbox"/> No <input type="checkbox"/> Yes - Attach			
Calendar is Set Up for the School Year (typical August to May) with a List of All Class Dates, Locations, Time and Instructor(s) <input type="checkbox"/> No <input type="checkbox"/> Yes - Attach			

ELECTRICAL CORE CLASS RELATED TRAINING MINIMUM REQUIREMENTS

- Curriculum must meet minimum or exceed required courses as listed below.
- The elective course list are examples. If other industry related courses are offered, attach list.
- Provide classroom hours for required and elective courses in table below.

Required Courses	Minimum Hours Required	Classroom Hours	Elective Courses	Classroom Hours
Electrical Plans/Print Reading	15		Other: (example - 101 hours)	
Branch Circuit Distribution	45		* Industrial Rigging	
Electrical Grounding/Bonding	25		* Tools & Equipment	
Electrical Theory	75		* Advanced Code	
Fire Alarm System	10		* Oil & Gas	
Industry Orientation (Laws & Rules)	5		* Hazardous Locations	
Material Identification	5		* CPR/First Aid	
Mathematic	40		* Cabling/PLC Communications	
Motor Controls	30		* Confined Space	
Motors	20		* Arc Flash	
National Electrical Code	140			
Electrical Safety	15			
Overcurrent Protection	10			
Building Automation	10			
Transformers	30			
Minimum Total Required: 475 hours	475		Minimum Total Elective: 101 hours	
Minimum Total Required & Elective Hours			576	

Signature	Date
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<input type="checkbox"/> Approved	Program Approval Number ND #
<input type="checkbox"/> Denied	Reason
Signature	Date

Submit completed application to:

North Dakota State Electrical Board
PO Box 7335
Bismarck, ND 58507

Phone: 701-328-9522
Email address: electric@nd.gov
Website: www.ndseb.com



APPRENTICESHIP RELATED TRAINING INSTRUCTOR APPLICATION
 NORTH DAKOTA STATE ELECTRICAL BOARD
 SFN 62003 (6-2021)

INSTRUCTOR

Instructor Name			
Address	City	State	ZIP Code
Telephone Number	Email Address		

SPONSOR

Sponsored by	Contact Person	Telephone Number
Program Title		

Instructor Qualifications: <ul style="list-style-type: none"> • Instructor MUST have at least one of the following qualifications. Check all that apply. • Submit documentation to validate qualifications (i.e. training certificate, proof of licensure, etc.) • A resume will not suffice. 	
<input type="checkbox"/> A Master Electrician with at Least One Year's Experience in Electrical Inspection.	
<input type="checkbox"/> A Journeyman or Master Electrician who is Certified as an Instructor through a Vocational Education Department.	
<input type="checkbox"/> A Person with a Valid Teaching Accreditation from a Trade or Technical School, College, or University Teaching Electrical Curriculum.	
<input type="checkbox"/> Registered or Licensed Electrical Engineer with at Least Four Years' Experience in Design of Premise Electrical Wiring Systems.	
<input type="checkbox"/> A Representative from NFPA, Testing Laboratories, IAEI, and Other Product Manufacturer Representatives with Five Years' Practical Experience in the Subject Taught.	
<input type="checkbox"/> Instructor of an Apprenticeship Training Program. (Limited Basis Only)	
Instructor Signature	Date

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<input type="checkbox"/> Unlimited <input type="checkbox"/> Limited	Comments
Instructor Number	
<input type="checkbox"/> Not Accepted	Comments
Signature	Date

Submit completed application to:

North Dakota State Electrical Board
 PO Box 7335
 Bismarck, ND 58507

Phone: 701-328-9522
 Email address: electric@nd.gov
 Website: www.ndseb.com

Electrical Core Class Related Training Minimum Requirements

At the ND State Electrical Board meeting held on May 19, 2021, the following minimum core class credits requirements, suggested by the NDSEB Education Committee, were approved for Related Training.														
Core Class Credits Related Training Policy	DATE REPORTED BACK TO NDSEB													
	5/19/21	7/15/21	8/10/21	8/2/21	9/23/21	5/15/24	9/25/24		9/17/21	5/1/24	1/5/24		Faith Tech	
Required Core Class Credits	NDSEB	JATC	ABC - MN	IEC	Electrical Association	Magnum Elect	NDSCS		Mike Holt	MMR	AE Tech		N/A	
Electrical Plans/Print Reading	15	35	17.5	15	33	15	16		12	19	15		10	
Branch Circuit Distribution	45	49	52.5	45	49	45	53		45	53	45		56	
Electrical Grounding/Bonding	25	28	25	25	32	25	25		25	33	25		16	
Electrical Theory	75	108	82.5	75	75	75	75		91	78	75		56	
Fire Alarm System	10	16	15	10	12	10	10		9	12	10		16	
Industry Orientation (Laws & Rules)	5	12	12.5	5	5	5	5		6	8	5		12	
Material Identification	5	5	15	9	5	5	24			18	5		22	
Mathematic	40	5	40	44	40	40	68		42	40	40		54	
Motor Controls	30	44	35	31	39	30	35		21	31	30		8	
Motors	20	23	20	20	24	20	21			24	20		24	
National Electrical Code	140	213	147.5	147	141	140	150		252	152	140		130	
Electrical Safety	15	24	22.5	22	18	15	19		18	18	15		76	
Overcurrent Protection	10	14	25	10	18	10	27		12	21	10		8	
Building Automation	10	16	15	12	18	10	30			31	10		24	
Transformers	30	24	35	30	30	30	47		32	33	30		24	
Required Core Class Credits	475	616	560	500	539	475	605		565	571	475	0	0	536
Other: (To Total 576)	101						101		42	24.5				
* Industrial Rigging		16	7.5	2						3			0	
* Tools & Equipment			25	2		20				20			8	
* Advanced Code			37.5						53	10	60		0	
* Oil & Gas			5										0	
* Hazardous Locations			15		24				6	6			16	
* CPR/First Aid			8							3	5		4	
* Cabling/PLC Communications			12.5	3	6					6			16	
* Etc.													48	
Arc Flash			12.5							6			8	
Confined Space			10							1.5			6	
Conduit Fab		38		4	18	6				3				
General Safety		16									10			
Leadership		12		23	6	21								
Lighting		16			12									
Testing				51						18				
Industrial Elect														
Electrical Estimating														
Journeyman Workbook						12								
Emg Gen					6									
Electronics					6	8								
Residential											30			
Project Management					6									
Conduit Labs						34					30			
Exam Prep Calculations														
Final Labs														
(Deduct Project Mang & Final Labs)														
Wind/Solar					12									
Ag					6									
Elective Class Totals	101	98	133	85	102	101	101		101	101	135	0	0	106
Total Classroom Hours	576	714	693	585	641	576	706		666	672	610	0	0	642



POLICY FOR A RELATED TRAINING ELECTRICAL APPRENTICESHIP PROGRAM

Purpose and scope for a board approved apprenticeship program.

The purpose of this policy is to set forth standards to promote apprenticeship opportunities, and to extend the application of such standards by prescribing policies and procedures for acceptable apprenticeship programs with the board. These policies and procedures cover the registration, cancellation and deregistration of apprenticeship programs and the recognition of the North Dakota State Electrical Board as an authorized agency for registering apprenticeship programs.

Eligibility and procedure for registration of an apprenticeship program with the board.

For an apprenticeship program to be approved by the board, the program must meet these standards and the program must apply for registration and be registered with the board.

The determination by the board that the program meets the apprenticeship program standards is effectuated only through such registration.

Apprentices must be individually registered under a board approved apprenticeship program and maintain registration as a North Dakota apprentice electrician.

The board must be notified within 45 days of persons who have successfully completed a related training apprenticeship program, or a transfer, suspension, of an apprentice with a statement of the reasons.

A sponsor operating a related training apprenticeship program, when approved by the board, will be accorded a certificate of registration.

Applications for new programs that the board determines meet the required standards for program registration will be given a provisional approval for a period of one year. The board will review all new programs for quality and for conformity with the requirements of this subpart.

(a) A program that conforms with the requirements of this part:

(i) May be made permanent; or

(ii) May continue to be provisionally approved through the first full training cycle.

(b) A program not in operation or not conforming to the regulations during the provisional approval period must be recommended for deregistration.

The board will review all programs for quality and for conformity with the requirements of this subpart. A satisfactory review of a provisionally approved program will result in conversion of provisional

approval to permanent registration. Subsequent reviews may be conducted every five years or as the board sees fit. Programs not in operation or not conforming to the regulations must be recommended for deregistration.

Any sponsor proposals or applications for modification(s) or change(s) to registered programs must be submitted to the board. The board will decide on whether to approve such submissions. If approved, the modification(s) or change(s) will be recorded and acknowledged and approved as an amendment to such program. If not approved, the sponsor will be notified of the disapproval and the reasons.

Criteria for apprentice electricians.

An apprentice electrician occupation is one which is specified by industry and which must:

- (a) Involve skills that are customarily learned in a practical way through a structured, systematic program of on-the-job supervised learning.
- (b) Be clearly identified and commonly recognized throughout the electrical industry.
- (c) Involve the progressive attainment of manual, mechanical or technical skills and knowledge which, in accordance with the industry standard for the occupation, would require the completion of at least 8,000 hours of on-the-job learning to attain.
- (d) Require related instruction to supplement the on-the-job learning.
- (e) Register as an apprentice with the board within six months of employment as an apprentice electrician.

Standards of apprenticeship.

An apprenticeship program to be eligible for approval and registration by the board must conform to the following standards:

The program must have an organized, written plan (program standards) embodying the terms and conditions of training as defined herein and subscribed to by a sponsor who has undertaken to carry out the apprenticeship training program.

The program standards must contain provisions that address:

- (a) The training of the apprentice electrician.
- (b) The term of apprenticeship, which for an individual apprentice may be measured either through the completion of the industry standard for on-the-job learning (at least 8,000 hours) (time-based approach), the attainment of competency (competency-based approach), or a blend of the time-based and competency-based approaches.
 - (i) The time-based approach measures skill acquisition through the individual apprentice's completion of at least 8,000 hours of on-the-job learning as described in a work process schedule.

- (ii) Program standards that utilize the competency-based approach for progression through an apprenticeship and that choose to issue interim credentials must clearly identify the interim credentials, demonstrate how these credentials link to the components of the apprentice electrician, and establish the process for assessing an individual apprentice's demonstration of competency associated with the particular interim credential. Further, interim credentials must only be issued for recognized components of an apprentice, thereby linking interim credentials specifically to the knowledge, skills, and abilities associated with those components of an apprentice electrician.

An outline of the work processes in which the apprentices in their program will receive supervised work experience and training on the job.

The related training instruction must be in technical subjects related to the occupation. A minimum of 144 hours for each of the four years (successfully completed 576 hours) of board approved apprenticeship training classes is required. This instruction in technical subjects may be accomplished through media such as classroom, occupational or industry courses, electronic media, or other instruction approved by the board. Every apprenticeship instructor must:

- (a) Meet the board's requirements for an apprenticeship program instructor.
- (b) Have training in teaching techniques and adult learning styles to provide the related technical instruction.

Periodic review and evaluation of the apprentice's performance in related instruction; and the maintenance of appropriate progress records.

Adequate and safe equipment and facilities for training and supervision, and safety training for apprentices on the job and in related instruction.

The minimum qualifications required by a sponsor for persons entering the apprenticeship program, with an eligible starting age not less than 16 years.

The granting of advanced standing or credit for demonstrated competency, acquired experience, training, or skills for all apprentices equally.

The transfer of an apprentice between board approved apprenticeship programs and the affected apprenticeship committees or program sponsors and must provide the apprentice's transcript of related instruction and on-the-job learning to apprentice and to the committee or program sponsor the apprentice is transferring to.

Recognition for successful completion of apprenticeship evidenced by an appropriate certificate issued by the program sponsor.

Recording and maintenance of all records concerning apprenticeship as may be required by the board and other applicable law.

Program performance standards.

Every approved apprenticeship program must have its apprentices registered with the board.

The board will evaluate performance of approved apprenticeship programs which will include, but are not limited to, quality assurance assessments.

Any additional tools and factors used by the board in evaluating program performance must adhere to the goals and policies of the board articulated in this subpart.

Deregistration of a registered program.

Deregistration of a program may be affected upon the voluntary action of the sponsor by submitting a request for cancellation of the registration to the board or if the board determines the program does not meet board requirements.

Every notice of deregistration must contain a provision that the sponsor must, within 15 days of the effective date of the order, notify all registered apprentices of the deregistration of the program; the effective date thereof; and provide to the apprentice information about potential transfer to other registered apprenticeship programs.

Publication of standards recognition entities and industry-recognized apprenticeship programs.

The board will make publicly available a list of recognized, suspended, and derecognized apprenticeship programs.

Review of an approved apprenticeship program

The board may initiate review/audit of an apprenticeship program if it receives information indicating that an apprenticeship program:

- (a) is not in substantial compliance with this subpart; or
- (b) It is no longer capable of continuing as an apprenticeship program.

As part of the review, the board may provide the apprenticeship program sponsor notice of the review/audit and an opportunity to provide information for the review/audit. Such notice may include a statement of the basis for review, including potential areas in which the apprenticeship program is not in substantial compliance or why the program may no longer be capable of continuing.

Upon conclusion of the review/audit, the board will give written notice to the apprenticeship program sponsor of its findings.



POLICY FOR A PROFESSIONAL ELECTRICIAN APPRENTICESHIP PROGRAM [PEAP]

Purpose and scope for a board-approved Professional Electrician Apprenticeship Program [PEAP].

The purpose of this policy is to set forth standards to promote apprenticeship opportunities, and to extend the application of such standards by prescribing policies and procedures for acceptable apprenticeship programs with the board. These policies and procedures cover the registration, cancellation and deregistration of apprenticeship programs and the recognition of the North Dakota State Electrical Board as an authorized agency for registering apprenticeship programs.

Eligibility and procedure for registration of a Professional Electrician Apprenticeship Program [PEAP] with the board.

For a PEAP to be approved by the board, it must meet these standards and must apply for registration and be registered with the board.

The determination by the board that the PEAP meets the apprenticeship program standards is effectuated only through such registration.

Apprentices must be individually registered under a board approved apprenticeship program and maintain registration as a North Dakota apprentice electrician.

The board must be notified within 45 days of persons who have successfully completed a PEAP, or a transfer, suspension, of an apprentice with a statement of the reasons.

A sponsor operating a PEAP, when approved by the board, will be accorded a certificate of registration.

Applications for new programs that the board determines meet the required standards for program registration will be given provisional approval for a period of one year. The board will review all new programs for quality and for conformity with the requirements of this subpart.

(a) A program that conforms with the requirements of this part:

(i) May be made permanent; or

(ii) May continue to be provisionally approved through the first full training cycle.

(b) A program not in operation or not conforming to the regulations during the provisional approval period must be recommended for deregistration.

The board will review all programs for quality and for conformity with the requirements of this subpart. A satisfactory review of a provisionally approved program will result in conversion of provisional approval to permanent registration. Subsequent reviews may be conducted every five years or as the board sees

fit. Programs not in operation or not conforming to the regulations must be recommended for deregistration.

Any sponsor proposals or applications for modification(s) or change(s) to registered programs must be submitted to the board. The board will decide on whether to approve such submissions. If approved, the modification(s) or change(s) will be recorded and acknowledged and approved as an amendment to such program. If not approved, the sponsor will be notified of the disapproval and the reasons.

Criteria for apprentice electricians enrolled in a Professional Electrician Apprenticeship Program [PEAP].

An apprentice electrician occupation is one which is specified by industry, and which must:

- (a) Involve skills that are customarily learned in a practical way through a structured, systematic program of on-the-job supervised learning.
- (b) Be clearly identified and commonly recognized throughout the electrical industry.
- (c) Involve the progressive attainment of manual, mechanical or technical skills and knowledge which, in accordance with the industry standard for the occupation, would require the completion of at least 8,000 hours of on-the-job before entering into the PEAP.
- (d) 372 classroom hours required of PEAP related instruction to supplement the on-the-job learning.
- (e) An additional 4,000 hours of on-the-job training (2 years) during the 372 PEAP classroom hours shall be worked to earn the PEAP degree.
- (f) Register as an apprentice with the board within six months of employment as an apprentice electrician.

Standards of apprenticeship.

An apprenticeship program to be eligible for approval and registration by the board must conform to the following standards:

The program must have an organized, written plan (program standards) embodying the terms and conditions of training as defined herein and subscribed to by a sponsor who has undertaken to carry out the apprenticeship training program.

The program standards must contain provisions that address:

- (a) The training of the apprentice electrician.
- (b) The term of apprenticeship, which for an individual apprentice may be measured either through the completion of the industry standard for on-the-job learning (at least 12,000 hours) (time-based approach), the attainment of competency (competency-based approach), or a blend of the time-based and competency-based approaches.

- (i) The time-based approach measures skill acquisition through the individual apprentice's completion of at least 4,000 hours of on-the-job learning as described in a work process schedule while attending the PEAP classroom instruction.
- (ii) Program standards that utilize the competency-based approach for progression through an apprenticeship and that choose to issue interim credentials must clearly identify the interim credentials, demonstrate how these credentials link to the components of the apprentice electrician, and establish the process for assessing an individual apprentice's demonstration of competency associated with the particular interim credential. Further, interim credentials must only be issued for recognized components of an apprentice, thereby linking interim credentials specifically to the knowledge, skills, and abilities associated with those components of an apprentice electrician.

An outline of the work processes in which the apprentices in their program will receive supervised work experience and training on the job.

The related training instruction must be in technical subjects related to the occupation. A minimum of 186 hours for each of the two years (successfully completed 372 hours) of board approved PEAP training classes is required. This instruction in technical subjects may be accomplished through media such as classroom, occupational or industry courses, electronic media, or other instruction approved by the board. Every apprenticeship instructor must:

- (a) Meet the board's requirements for an apprenticeship program instructor.
- (b) Have training in teaching techniques and adult learning styles to provide the related technical instruction.

Periodic review and evaluation of the apprentice's performance in related instruction; and the maintenance of appropriate progress records.

Adequate and safe equipment and facilities for training and supervision, and safety training for apprentices on the job and in related instruction.

The minimum qualifications required by a sponsor for persons entering the apprenticeship program, with an eligible starting age not less than 16 years.

The granting of advanced standing or credit for demonstrated competency, acquired experience, training, or skills for all apprentices equally.

The transfer of an apprentice between board approved apprenticeship programs and the affected apprenticeship committees or program sponsors and must provide the apprentice's transcript of related instruction and on-the-job learning to apprentice and to the committee or program sponsor the apprentice is transferring to.

Recognition for successful completion of apprenticeship evidenced by an appropriate certificate issued by the program sponsor.

Recording and maintenance of all records concerning apprenticeship as may be required by the board and other applicable law.

Program performance standards.

Every approved apprenticeship program must have its apprentices registered with the board.

The board will evaluate the performance of approved apprenticeship programs which will include, but are not limited to, quality assurance assessments.

Any additional tools and factors used by the board in evaluating program performance must adhere to the goals and policies of the board articulated in this subpart.

Deregistration of a registered program.

Deregistration of a program may be affected upon the voluntary action of the sponsor by submitting a request for cancellation of the registration to the board or if the board determines the program does not meet board requirements.

Every notice of deregistration must contain a provision that the sponsor must, within 15 days of the effective date of the order, notify all registered apprentices of the deregistration of the program; the effective date thereof; and provide to the apprentice information about potential transfer to other registered apprenticeship programs.

Publication of standards recognition entities and industry-recognized apprenticeship programs.

The board will make publicly available a list of recognized, suspended, and derecognized apprenticeship programs.

Review of an approved apprenticeship program.

The board may initiate review/audit of an apprenticeship program if it receives information indicating that an apprenticeship program:

- (a) is not in substantial compliance with this subpart; or
- (b) It is no longer capable of continuing as an apprenticeship program.

As part of the review, the board may provide the apprenticeship program sponsor notice of the review/audit and an opportunity to provide information for the review/audit. Such notice may include a statement of the basis for review, including potential areas in which the apprenticeship program is not in substantial compliance or why the program may no longer be capable of continuing.

Upon conclusion of the review/audit, the board will give written notice to the apprenticeship program sponsor of its findings.