

Financial Aid

Tuition and fees will be fully covered by PELL grant for those who are eligible.

Highlights

Comprehensive study on theories with strong emphasis on practical exercises

A complete tool kit available

Opportunities for students to apply newly learned skills at actual work-sites in the community



**College of Micronesia - FSM
Pohnpei Campus**

DIVISION OF TECHNOLOGY & TRADE

P.O. Box 614
Kolonia Pohnpei, FM 96941

Phone: 320-5095
Fax: 320-3799
Email: dttd@comfsm.fm

COM-FSM Pohnpei Campus

Certificate of Achievement in
Construction Electricity

Advanced Certificate in
Building Technology - Major in
Construction Electricity

Associate of Applied Science Degree
in Building Technology - Major in
Electrical



**DIVISION OF TECHNOLOGY & TRADE
P O H N P E I C A M P U S**

Building Technology - Major in Construction Electricity

Building Technology - Major in Construction Electricity introduced students/trainees to gain technical knowledge and skills in the field of residential and industrial

wiring with an emphasis on safety and provisions of the National Electrical Code (NEC) as their point of reference for their electrical works. Graduates of this course will become highly competent skilled electrician, maintenance electrician or a self employed entrepreneur in the community.

The College of Micronesia-FSM, Pohnpei Campus is proud to offer this course. The academic course work, the state of the art computer aided instruction (NIDA Program), well trained instructors and the technical skills training they acquire will prepare the students for today's globally competitive skilled workforce.

Along with this program are three separate exit points, Certificate of Achievement in Construction Electricity, Advance Certificate in Building Technology Major-Construction Electricity and completion of Associate of Applied Science Degree in Building Technology Major-Electrical.



Students are trained in their theoretical and practical abilities.

Certificate of Achievement in Construction Electricity

Program Requirements

Suggested Schedule

Fall Semester	Credit
ESL 050 Technical English or SS 100 World of Work	3
MS 104 Technical Math I	4
VEM 102 Electrical/Electronic Drawing and Sketching	1.5
VEM 103 Basic Electricity I	4
VEM 110 Workshop Fabrication/ Hand and Power Tool Skills	3
VSP 121 Industrial Safety Electrical/Electronics	<u>1.5</u>
Total	17

Spring Semester	Credit
CA 100 Computer Application	3
MS 106 Technical Math II	4
VEM 104 Basic Electricity II	5
VEM 111 Electrical Wiring I	3
VEM 112 Electrical Wiring II	<u>3</u>
Total	18

Summer Session	Credit
BU 097 Small Business Management	<u>3</u>
Total	3

Total credit requirement: **38 credits**

Transfer of allowable credits : 32 credits



Student performing practical tasks in the electrical workshop.

Advanced Certificate in Building Technology - Major in Construction Electricity

Program Requirements

Students must complete the Certificate of Achievement in Construction Electricity.

Suggested Schedule

Fall Semester	Credit
VEE 110 Discrete Devices I	3
VEE 226 Rotating Machinery	3
EN 123 Technical Communications	3
AR 101 Introduction to Art Science with Lab	4
Total	16

Total credit requirement: **48 credits**

Associate of Applied Science Degree in Building Technology - Major in Electrical

Students must complete the Advanced Certificate of Achievement in Construction Electricity and must meet all entrance requirements for an associate degree.

Spring Semester	Credit
VEE 222 Discrete Devices I	3
VEM 105 Basic Refrigeration and AC Theory	6
VEM 212 National Electrical Code (US)	3
VEM 240 Industrial Wiring	4
Exercise Sports Science Course	<u>1</u>
Total	17

Graduation Requirements: **65 credits**



Students performing on-the-job training.