

## 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. Areas of studies included Radio Communications, Fiber Optics Installation, Microwaves, Telephone Systems, Cellular Phone Repair, and more.

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**

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## COM-FSM Pohnpei Campus

**Certificate of Achievement in  
Electronic Engineering Technology**

**Advanced Certificate in  
Telecommunication Technology**

**Associate of Applied Science in  
Telecommunication Technology**



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

## Telecommunications



**Student on the NIDA System**

Telecommunication is a field that has evolved from the simple telegraph to the sophistication of the Internet almost overnight. This field of electronics includes Installers, Cell Phone Technicians, Central Station Technicians, Wireless Technicians and Broadcast

Technicians.

College of Micronesia-FSM Pohnpei Campus is proud to offer a Telecommunications program. The academic course work, technical skills training and practical experience available in this program prepare students for positions within the industry.

Training on state of the art computer aided instruction system (NIDA Program) at Pohnpei Campus will provide the technical edge needed in today's telecommunications industry. Embedded within the program are three separate exit points, **Certificate of Achievement in Electronic Engineering Technology, Advance Certificate in Telecommunication Technology** and completion of the **Associate of Applied Science in Telecommunication Technology**.



**Student performing fiber optic fusion splicing**

### Certificate of Achievement in Electronic Engineering Technology Program Requirements

*Students must pass or be placed beyond ESL 089 by placement test.*

#### Suggested Schedule

Fall	Credit
MS 104 Technical Mathematics I	4
CA 100 Computer Application	3
VSP 121 Safety	1.5
VEE 100 Soldering & Term. Techniques	1.5
SC 130 Physical Science	4
VEE 103 Electronic Fundamentals I	3
Total	17
Spring	Credit
MS 106 Technical Mathematics II	4
VEE 104 Electronic Fundamentals II	4
VEE 110 Discrete Devices I	3
VEM 110 Workshop Fabrications	3
VEE 135 Digital Electronics I	3
Total	17
Summer	Credit
VEE 125 Electronic Circuits	3
Total credit requirement:	<b>37 credits</b>



**Student performing troubleshooting skills used on cellular phone repair.**

### Advanced Certificate in Telecommunication Technology

#### Program Requirements

*Students must complete the Certificate of Achievement in Electronic Engineering Technology.*

#### Suggested Schedule

Fall	Credit
EN 123 Technical Communication	3
VEE 235 Digital Electronics II	3
VEE 230 Radio Communication	3
VEE 240 Signal Processing	3
Technical Elective*	2/3
Total	14/15

\* Refer to the COM-FSM catalog

Total credit requirement: **51/52 credits**

#### Associate of Applied Science in Telecommunication Technology

*Students must complete the Advanced Certificate of Achievement in Telecommunication Engineering and must meet all entrance requirements for an associate degree.*

Spring	Credit
VEE 260 Microwave	3
VEE 261 Fiber Optics Installation	3
VEE 270 Telecommunication Systems	3
VEE 280 Telephone Systems	3
Humanities	3
Physical Education	1
Total	16

Total credit requirement: **67/68 credits**



**Students performing on-the-job training at FSM Telecom.**