

Assessment Plan Worksheet # 2

Academic Programs

*Electronic Technology and
Telecommunication Technology*

Spring 2012

- Academic Program**
 Formative Assessment
 Summative Assessment

Assessment Period Covered
January 2012
Date Submitted

Institutional Mission/Strategic Goal:

Mission: Historically diverse, uniquely Micronesian and globally connected, the College of Micronesia-FSM is a continuously improving and student centered institute of higher education. The college is committed to assisting in the development of the Federated States of Micronesia by providing academic, career and technical educational opportunities for student learning.

Strategic Goal (which strategic goal(s) most support the services being provided):

- (1) Promote learning and teaching for knowledge, skills creativity, intellect and the abilities to seek and analyze information and to communicate effectively.*
- (9) Provide for continuous improvement of programs, services and college environment*

Academic Program Mission Statement :

The Electronic Technology Program will provide much needed vocational and technical training to all the Nation's States. Its primary purpose is to provide students with marketable entry-level skills in the electronic industry or any related field/career. The program qualifies students to take external licensure, vendor-based, or skill standards examinations in the field. If standardized external exams are not available in the field of study, the program prepares students at skill levels expected of employees in an occupation found in the workforce. The academic and technical coursework will also prepare students to pursue advanced training in the area at higher institution.

The Telecommunication technology program prepares students to advance in the career of telecommunication It provides training in wired and wireless technology through theory and hands-on using the latest technology parallel to the technology use in telecommunication industry. Moreover provides manpower workforce for nation building.

Academic Program Goals (General Statements about knowledge, skills, attitudes, and values expected in graduates).

- 1. Demonstrate skills that are needed to pursue a career as a technician in the field of electronics and telecommunication technology.*
- 2. Demonstrate intellectual skills and critical thinking skills and become effective learners and well rounded citizen.*

Academic Program Outcomes:

- 1. Practice Safety and occupational health procedures in the workplace.*
- 2. Use electronic tools and test equipment competently.*
- 3. Interpret schematic diagrams and waveforms.*
- 4. Build electronic projects to a given specification.*
- 5. Perform troubleshooting techniques to maintain and resolve hardware/software related problems in a personal computer system.*

6. *Perform troubleshooting techniques to maintain, diagnose, and repair electronic equipment and devices.*
7. *Practice career in telecommunication industry.*
8. *Troubleshoot microwave, fiber optic, radio communication and telephone system*

Evaluation questions	Data sources	Sampling	Analysis
<i>Are students practicing safety and occupational health procedure in the workplace properly?</i>	Hands-on workshop activities and written test.	All second year students enrolled in VEE 224 and VEE 225	Performance test score and written test score.
<i>Are the students competently use electronic tools and equipment?</i>	Hands-on workshop activities and written test.	All second year students enrolled in VEE 224 and VEE 225	Performance test score and written test score.
<i>Are the students following the correct procedure in project making according to the specification?</i>	Hands-on workshop activities and written test.	All first year students enrolled in VEE 224 and VEE 225	Performance test score and written test score.
<i>Are the students were able to perform servicing, troubleshooting and repair on electronics equipment and products?</i>	Hands-on workshop activities and written test.	Second year Electronic students enrolled in VEE 224 and VEE 225	Performance test score and written test score.
<i>Are the student practice career in telecommunication?</i>	Hands-on workshop activities or on-the-job training	Second year Telecommunication students enrolled in VTE 260, VTE 280 & VTE 281	Performance test score and written test score.
<i>Are the student were able to troubleshoot wire and wireless telecommunication system?</i>	Hands-on workshop activities and written test.	Second year Telecommunication students enrolled in VTE 260, VTE 280 & VTE 281	Performance test score and written test score.

Timeline

Activity	Who is Responsible?	Date
VEE 224 Servicing, troubleshooting and repair of Video products	N. Permitez	Spring 2012
VEE 225 Servicing, troubleshooting and repair of business machine equipment	N. Permitez	Spring 2012
VTE 260 Servicing and troubleshooting of microwave system	N. Permitez	Spring 2012
VTE 280 Servicing and troubleshooting telephone system	N. Permitez	Spring 2012
VTE 281 Servicing, troubleshooting and repair of cellular phones	N. Permitez	Spring 2012

Comments: