

Academic Programs Assessment Plan

Building Technology - Construction
Electricity

Fall 2011 – Spring 2012

Academic Program

Formative Assessment

Summative Assessment

Assessment Period Covered

August 2011

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.
- (2) Build a partnership and services network for community, workforce and economic development.

Academic Program Mission Statement :

Construction Electricity is one of the trade occupations under the Building Technology which prepares the students to gain knowledge in electricity as well as to provide with hands-on experiences that will put them for positions in the competitive Electrical Industry workforce.

Academic Program Outcomes:

1. Practice safety and occupational health procedures in the workplace.
2. Use electricity hand and power tools competently.
3. Test electrical equipment.
4. Interpret schematic wiring diagrams and waveforms.

Evaluation Questions	Data Sources	Sampling	Analysis
1. Did the students apply safety practices with or without the supervision of the instructor in the workplace?	Hands-on workshop activities and written test.	All first year students enrolled in VEE 110, VEE 222, VEE 266, VEM 240	Performance test score and written test score.
2. Did the students apply proper use of electrical hand and power tools competently during their work/activities?	Hands-on workshop activities and written test.	All first year students enrolled in VEM 240, VEE 266	Performance test score and written test score.
3. Did the students able to use test equipment in their laboratory activities?	Hands-on workshop activities and written test.	All first year students enrolled in VEM 103, VEM 104,	Performance test score and written test score.

Evaluation Questions	Data Sources	Sampling	Analysis
		VEE 110, VEE 222,	
4. Did the students read and interpret schematic wiring diagram in their wiring activities?	Hands-on workshop activities and written test.	All first year students enrolled in VEM 110, VEM 112,	Performance test score and written test score.

Timeline

Activity	Who is Responsible?	Date
1. Wire DC circuits and measure electrical quantities.	C. Recana	Fall 2011
2. Wire AC circuits and measure electrical quantities.	C. Recana	Fall 2011
3. Install and troubleshoot motor control circuits.	C. Recana	Spring 2012
4. Troubleshoot motor faults.	C. Recana	Spring 2012
5. Troubleshoot discrete electronic devices.	C. Recana	Fall 2011-Spring 2012

Comments: