

Assessment Impact by Unit Objectives

College of Micronesia - FSM

A - instruction - Telecommunication (AAS)

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Mission Statement: The Telecommunication technology program offers academic course work, technical skills training and practical experience to prepare the students for positions in the Telecom industry.

Program Student Learning Outcome: PSLO 1

Practice safety and occupational health procedures in the workplace.

PSLO Assessment Cycle: 2012 - 2013

Start Date: 08/19/2013

Inactive Date: 05/08/2014

PSLO Status: Inactive

Assessment Strategies			
Assessment Strategy	Target	Notes	Active
Written quiz / test different types of personal protective equipment PPE and safety procedures. Assessment Type: Presentation/Performance	70 % of the students registered in the course should attain a grade of "C" or better.		Yes

Related Courses

- VSP 121 - Industrial safety

Related Tasks

* Task Name: Identification of PPE equipment

Task Description: The students will Identify the different PPE equipment use in telecommunication industry workshop.

Results			
Result	Improvement	Follow-Up	Reporting Period
Presentation/Performance - 10/16/2013 - VEE 230 (Radio Communication) 6 out of 6 or 100% of the students got 'C' and better in the course. VTE 280 (Telephone System) 6 out of 6 or 100% of the students got 'C' and better in the course. VTE261 (Fiber Optic Installation) 17 out of 17 or 100% of the students achieved a grade of C or better in the course. Target Met: Yes			2012 - 2013

Program Student Learning Outcome: PSLO 2

Use electronics tools and test equipment competently.

PSLO Assessment Cycle: 2012 - 2013

Start Date: 08/19/2013

Inactive Date: 05/08/2014

PSLO Status: Active

Assessment Strategies			
Assessment Strategy	Target	Notes	Active
Student will perform actual circuit construction, signal and voltage measurement. Student will describe the different tools and equipment use in telecommunication.	70 % of the students registered in the course should attain a grade of "C" or better.		Yes

Assessment Strategies			
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Assessment Strategy	Target	Notes	Active
Assessment Type: Presentation/Performance			

Related Courses

- VEE 103 - Electronics Fundamentals I
- VEE 104 - Electronics Fundamental II
- VEE 110 - Discrete Devises I

Related Tasks

* Task Name: Proper use of driving tools, cutting tools, crimping tools, multimeter and generators.
Task Description: Student will perform actual circuit construction, signal and voltage measurement.
 Student will describe the different tools and equipment use in telecommunication.

Results			
Result	Improvement	Follow-Up	Reporting Period
Presentation/Performance - 09/17/2013 - In VEE 135, 15 out of 15 or 100% of the students got a grade of "C" and better in the course. Target Met: Yes			2012 - 2013

Program Student Learning Outcome: PSLO 3

Interpret schematic diagrams and waveforms.

PSLO Assessment Cycle: 2012 - 2013
Start Date: 08/19/2013
Inactive Date: 05/08/2014
PSLO Status: Active

Assessment Strategies			
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Assessment Strategy	Target	Notes	Active
Actual reading and circuit tracing of schematic diagram. Student will describe the different symbols and signals found in schematic diagram. Assessment Type: Presentation/Performance	70 % of the students registered in the course should attain a grade of "C" or better.		Yes

Related Courses

- VEE 135 - Digital Electronis
- VEE 230 - Radio Communication
- VEE 235 - Digital Electronis II
- VEE 240 - Signal processing

Related Tasks

* Task Name: Describe the electrical and signal flow of a circuit.
Task Description: Using the block diagram and schematic diagram the student will identify, measure, describe and analyze the voltages and signal waveform of each test points.

Results			
Result	Improvement	Follow-Up	Reporting Period
Presentation/Performance - 10/16/2013 - In VEE 240,15 out of 15 or 100% of the students got 'C' and better in the course.			2012 - 2013

Results			
Result	Improvement	Follow-Up	Reporting Period
Target Met: Yes			

Program Student Learning Outcome: PSLO 4

Build electronics project to a given specification.

PSLO Assessment Cycle: 2012 - 2013

Start Date: 08/19/2013

Inactive Date: 05/08/2014

PSLO Status: Active

Assessment Strategies			
Assessment Strategy	Target	Notes	Active
Actual electronics circuit construction. Student will describe the correct procedure in electronics project assembly. Assessment Type: Presentation/Performance	70 % of the students registered in the course should attain a grade of "C" or better.		Yes

Related Courses

- VEE 100 - Soldering and Termination techniques
- VEM 110 - Workshop fabrication

Related Tasks

* Task Name: Assemble electronic circuits, terminate and connect wires / cables and connectors.

Task Description: The student will construct wires and cables connectors by following the procedure and steps in project construction.

Results			
Result	Improvement	Follow-Up	Reporting Period
Assemble electronic circuits, terminate and connect wires / cables and connectors. - 06/11/2013 - In VEM110, 13 out of 14 students (93%) achieved a grade of 70% or better in the course. Target Met: Yes			2012 - 2013

Program Student Learning Outcome: PSLO 5

Practice a career in the Telecom Industry

PSLO Assessment Cycle: 2012 - 2013

Start Date: 08/20/2013

Inactive Date: 05/15/2014

PSLO Status: Active

Assessment Strategies			
Assessment Strategy	Target	Notes	Active
The student will be access base on his performance by the industry partner field supervisor and course instructor in charge. Assessment Type: Presentation/Performance	70 % of the students registered in the course should attain a grade of "C" or better.		Yes

Related Courses

- VEE 250 - Cooperative education
- VEE 266 - Rotating machinery
- VTE 281 - Cellular phone repair

Related Tasks

* Task Name: Cooperative Education

Task Description: In VEE 250, student will spend 60 hrs of training at the industry partner workplace. Student is expected to follow the workplace policy and apply their learn skills at the workplace through the supervision of site supervisor with the collaboration of the course instructor.

* Task Name: Service, troubleshoot and repair cellular phones.

Task Description: In VTE 281, student should repair various trouble of cellular telephone relating to hardware and software issue.

Results			
Result	Improvement	Follow-Up	Reporting Period
Presentation/Performance - 10/16/2013 - In VEE 250,13 out of 13 or 100% of the students got 'C' and better in the course. Target Met: Yes			2012 - 2013

Program Student Learning Outcome: PSLO 6

Troubleshoot microwave, fiber optic and telephone system.

PSLO Assessment Cycle: 2012 - 2013

Start Date: 08/19/2013

Inactive Date: 05/08/2014

PSLO Status: Active

Assessment Strategies			
Assessment Strategy	Target	Notes	Active
The student will troubleshoot a defective circuit use in telecommunication system. Assessment Type: Presentation/Performance	70 % of the students registered in the course should attain a grade of "C" or better.		Yes

Related Courses

- VTE 260 - Microwave
- VTE 261 - Fiber Optic installation
- VTE 265 - Fiber Optic
- VTE 270 - Telecom system
- VTE 280 - Telephone system
- VTE 281 - Cellular phone repair

Related Tasks

* Task Name: Service troubleshoot and repair defective microwave system, fiber optic cable and telephone set.

Task Description: Given a microwave system, fiberoptic cable and defective telephone and cellular phone set the student will service, troubleshoot and repair the system according to given a procedure and steps provided for by the industry.

Results			
Result	Improvement	Follow-Up	Reporting Period
Presentation/Performance - 10/16/2013 - VEE 230 (Radio Communication) 6 out of 6 or 100% of the students got 'C' and better in the course. VTE 280 (Telephone System) 6 out of 6 or 100% of the	01/15/2014 - The students must meet the prerequisite courses before taking the advance technical courses to avoid delay in program course completion.		2012 - 2013

Results

Result	Improvement	Follow-Up	Reporting Period
students got 'C' and better in the course. Course Code: VTE261 (Fiber Optic Installation) 17 out of 17 or 100% of the students achieved a grade of C or better in the course. Target Met: Yes	thus this make the student more prepared on the next level of competencies or SLO on each courses offer in the program. 11/28/2013 - Merge VTE 280 (Telephone system) and VTE 281(Cell phone servicing) as a regular course and increase the credit unit to 4 to increase the number of hour in troubleshooting and repair of telecommunication devices.		