

Academic Program Assessment Plan Worksheet 2

AP/AU Name		AAS in Telecommunication		
Campus		PNI	Assessment Period	F2013-S2014
Submitted by		N.T. Permitez	Date Submitted	Aug 2013
Type of Assessment	<input type="checkbox"/> <i>Formative Assessment</i> <input checked="" type="checkbox"/> <i>Summative Assessment</i>	Endorsed by	<input checked="" type="checkbox"/> <i>AP/AU Supervisor</i> <input type="checkbox"/> <i>Committee</i>	
AP/AU's Outcomes				
Outcome Name	Description of Outcome	Assessment Methodology		
1. Practice safety and occupational health procedures in the workplace.	The wearing of personal protective equipment (PPE) and safety precaution during the workshop is the core emphasis of the lesson.	<ul style="list-style-type: none"> Checklist and procedure of PPE usage and general safety. Written quiz / test different types of PPE and safety procedures. 		
Assessment Strategies		Target	Notes	
<ul style="list-style-type: none"> Actual wearing of PPE and practice of safety procedures during workshop. Q & A about PPE in the workshop. 		1 st and 2 nd yr students of AAS in Telecommunication.		
Evaluation Question	Data Sources	Sampling	Analysis	
Do the technical courses in AAS Telecommunication such as: VSP 121, VEE 100, VEE 135, VEE 235 and VEE 240 have 70% (grade of " C") and above passing grade in their respective SLO's?	Hands-on workshop activities and written test.	All first year and second year students enrolled VSP 121, VEE 100, VEE 135, VEE 235 and VEE 240.	Performance test score and written test score.	
Outcome Name	Description of Outcome	Assessment Methodology		
2. Use electronics tools and test equipment competently.	The proper use of tools and equipment on actual working circuit are the main concern of this outcome. It also includes the correct usage and position to avoid damage on tools and equipment.	<ul style="list-style-type: none"> Experiment / Activity Quiz and written test 		
Assessment Strategies		Target	Notes	
<ul style="list-style-type: none"> Student will perform actual circuit construction, signal and voltage measurement. Student will describe the different tools and equipment use in telecommunication. 		1 st and 2 nd yr students of AAS in Telecommunication.		

Evaluation Question	Data Sources	Sampling	Analysis
Do the technical courses in AAS Telecommunication such as: VEE 100, VEE 125, VEE 135, VEE 235 and VEE 240 have 70% (grade of " C") and above passing grade in their respective SLO's?	Hands-on workshop activities and written test.	All first year and second year students enrolled VEE 100, VEE 135, VEE 235 and VEE 240.	Performance test score and written test score.
Outcome Name	Description of Outcome	Assessment Methodology	
3. Interpret schematic diagrams and waveforms.	The student will be expose on interpreting schematic diagrams and waveforms use in telecommunication.	<ul style="list-style-type: none"> • Experiment / Activity • Quiz and written test 	
Assessment Strategies		Target	Notes
<ul style="list-style-type: none"> • Actual reading and circuit tracing of schematic diagram. • Student will describe the different symbols and signals found in schematic diagram. 		1 st and 2 nd yr students of AAS in Telecommunication.	
Evaluation Question	Data Sources	Sampling	Analysis
Do the technical courses in AAS Telecommunication such as: VEE 100, VEE 103, VEE 104, VEE 135, VEE 235 and VEE 240 have 70% (grade of " C") and above passing grade in their respective SLO's?	Hands-on workshop activities and written test.	All first year and second year students enrolled VEE 100, VEE 103, VEE 104, VEE 135, VEE	Performance test score and written test score.
Outcome Name	Description of Outcome	Assessment Methodology	
4. Build electronics projects to a given specification.	The student will build an electronics project with a given manual and procedure.	<ul style="list-style-type: none"> • Experiment / Activity • Quiz and written test 	
Assessment Strategies		Target	Notes
<ul style="list-style-type: none"> • Actual electronics circuit construction. • Student will describe the correct procedure in electronics project assembly. 		1 st and 2 nd yr students of AAS in Telecommunication.	
Evaluation Question	Data Sources	Sampling	Analysis
Do the technical courses in AAS Telecommunication such as: VEE 100, VEE 125, VEM 110, VEE135, VEE 235 and VEE 240 have 70% (grade of " C") and above passing grade in their respective SLO's?	Hands-on workshop activities and written test.	All first year and second year students enrolled VEE 100, VEE 125, VEM 110, VEE135, VEE 235 and VEE 240.	Performance test score and written test score.
Outcome Name	Description of Outcome	Assessment Methodology	

5. Practice a career in telecom industry.	The student will be immerse on the industry partner to experience the work environment in telecommunication industry.	<ul style="list-style-type: none"> On-the-job training performance checklist 	
Assessment Strategies		Target	Notes
<ul style="list-style-type: none"> The student will be access base on performance by the industry partner field supervisor and course instructor in charge. 		2 nd yr students of AAS in Telecommunication.	
Evaluation Question	Data Sources	Sampling	Analysis
Do the students in AAS Telecommunication registered in VEE 250 have 70% (grade of " C") and above passing grade in their respective SLO's?	Performance evaluation checklist rate sheet.	All second year students enrolled VEE 250.	Performance test score.
Outcome Name	Description of Outcome		Assessment Methodology
6. Troubleshoot microwave, fiber optic and telephone system.	Student will be challenge through actual troubleshooting microwave circuit, fiber optic connection and telephone system.		<ul style="list-style-type: none"> Checklist of actual troubleshooting
Assessment Strategies		Target	Notes
<ul style="list-style-type: none"> The student will troubleshoot a defective circuit use in telecommunication system. 		2 nd yr students of AAS in Telecommunication.	
Evaluation Question	Data Sources	Sampling	Analysis
Do the major courses in AAS Telecommunication such as: VEE 230, VEE 250, VTE 265, VTE 270 and VTE 280 have 70% (grade of " C") and above passing grade in their respective SLO's?	Hands-on workshop activities and written test.	All second year students enrolled VEE 230, VEE 250, VTE 265, VTE 270 and VTE 280	Performance test score and written test score.
Timeline			
Activity	Who is responsible?	Date	
VSP 121: Industrial Safety Electronics /Electrical	R. Victor	Fall 2013	
VEE 103: Electronics Fundamentals 1; Circuit tracing and analysis.	G. Edgar	Fall 2013	
VEE 104: Electronics Fundamentals 2; Circuit tracing and analysis.	G. Edgar	Fall 2013	
VEE 110: Discrete Devices 1; Circuit tracing and analysis.	C. Recana	Fall 2013	
VEM 110: Workshop Fabrication ; terminating connectors, wires and cables.	C. Recana	Spring 2013	
VEE 125: Electronics Circuits: Power supply and Amplifier assembly	G. Edgar	Spring 2013	
VEE 100: Soldering, de-soldering and terminating of electronic components and circuit assembly.	N. Permitez	Fall 2013	
VEE 240: Circuit tracing, analysis and troubleshooting analog and digital signal using	N. Permitez	Fall 2013	

VEE 135: Circuit tracing, analysis and troubleshooting logic gates and flip-flops	N. Permitez	Fall 2013
VEE 235: Circuit tracing, analysis and troubleshooting digital circuit	N. Permitez	Fall 2013
VEE 230: Circuit tracing, analysis and troubleshooting of receiver and transmitter circuit.	N. Permitez	Fall 2013
VEE 240: Circuit tracing, analysis and troubleshooting analog and digital signal using	N. Permitez	Spring 2014
VEE 250 Practice career in telecommunication industry	N. Permitez	Spring 2014
VTE 260 microwave circuit analysis, setup, installation and troubleshooting	N. Permitez	Spring 2014
VTE 261 fiber optics splicing and installation	G. Edgar	Spring 2014
VTE 270 Telecommunication system analysis	G. Edgar	Spring 2014
VTE 280 Servicing and troubleshooting telephone system	N. Permitez	Spring 2014

Comment