

**CENTRAL NEW MEXICO COMMUNITY COLLEGE  
ASSESSMENT CYCLE PLAN**

*Due to SAAC by October 15 following new program approval or at the end of the prior cycle plan*

Cycle Plan Years and Contact Information:			
15 - 20	Andy Huertaz	<a href="mailto:Andy@cnm.edu">Andy@cnm.edu</a>	50189
<b>Cycle Years</b>	<b>Contact Person</b>	<b>Email</b>	<b>Phone Number</b>

Subject of the Assessment:		
<b>Program:</b> <u>Advanced Systems Technology</u> <input type="checkbox"/> Certificate <input type="checkbox"/> AA <input type="checkbox"/> AS <input checked="" type="checkbox"/> AAS	<b>Gen Ed Area:</b> _____ Applicable to: <input type="checkbox"/> AA/AS <input checked="" type="checkbox"/> AAS	<b>Discipline Area:</b> ELEC/MEMs/Phot _____

Plan Description:
To assess the final semester students and evaluate their knowledge, skills, performance, and life skills.

Critical Thinking and Life Skills/Teamwork Development within Programs:
a) Please describe how Critical Thinking assessment is embedded within your program assessment. b) Please describe how Life Skills/Teamwork assessment is embedded within your program assessment.
a) The design, building and troubleshooting of a project, doing it to a set of requirements and in a limited amount of time.
b) Working with others, doing research, writing reports and presentations, and following a time line.

Student Learning Outcomes:	When Measured:	Where Measured:	How Measured:
1. Students will correctly identify, explain the operation of, and provide applications of course-specific electronic theory, circuitry, and systems in the following circuit category types: analog, digital, industrial, and electronic communications, mems, and photonics.	Throughout the program.	All classes.	Lab Assignments, written exams, capstone projects and homework.

2.	Students will adequately demonstrate the ability to properly and safely use basic electronic test equipment for measurement and troubleshooting purposes.	Throughout the program.	All classes.	Lab Assignments, written exams, capstone projects and homework.
3.	Students will demonstrate the ability to read, interpret, create, and utilize schematic diagrams for circuit fabrication and troubleshooting purposes.	Throughout the program.	All classes.	Lab Assignments, written exams, capstone projects and homework.
4.	Students will demonstrate essential employment-seeking and workplace skills for a technical/customer-oriented work environment, such as progress reports and presentations.	Throughout the program.	All classes.	Lab Assignments, written exams, capstone projects and homework.
5.	Students will have the attitude, abilities, and skills for adapting to rapidly changing technologies.	Throughout the program.	All classes.	Lab Assignments, written exams, capstone projects and homework.
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