



**2012-2013 PETITION/PROGRAM SHEET**  
**Degree: Associate of Applied Science**  
**Emphasis: Process Systems Technology**

**About This Emphasis . . .**

The Process Technology Program will prepare students for entry level employment as process operators or technicians. A process operator/technician is a key member of a team of people responsible for planning, analyzing, and controlling the production of products from the acquisition of raw materials through the production and distribution of products to customers in a variety of process industries.

This program will provide the student with an understanding of process equipment and its principles of operation and control. The graduate will understand the technical aspects of the work, the responsibilities of the work and the importance of safety in this vitally important, shift-oriented position. The industries interested in the graduates from the program include, but are not limited to, oil exploration and production, mining and mineral processing, petroleum product manufacturing, advanced manufacturing, pharmaceutical production, food and beverage, electric power generation, drinking water treatment, and wastewater treatment.

For more information on what you can do with this major, go to <http://www.coloradomesa.edu/wccc/programs.html>.

**POLICIES:**

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the catalog for a complete list of graduation requirements.
2. You must turn in your "Intent to Graduate" form to the Registrar's Office **by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.**
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the **semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.**
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the WCCC for signature.
5. Finally, the WCCC or the department administrative assistant will take the signed forms to the Registrar's Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your "Intent to Graduate" does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you may be required to take a Major Field Achievement Test (exit exam).

**NAME:** \_\_\_\_\_ **STUDENT ID #** \_\_\_\_\_

**LOCAL ADDRESS AND PHONE NUMBER:** \_\_\_\_\_

\_\_\_\_\_ ( ) \_\_\_\_\_

I, (Signature) \_\_\_\_\_, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

\_\_\_\_\_  
Signature of Advisor Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
Signature of Department Chair Date \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
Signature of Registrar Date \_\_\_\_\_ 20\_\_\_\_

Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.

Degree Requirements:

- 61 semester hours total ( A minimum of 16 taken at CMU in no fewer than two semesters).
- 2.00 cumulative GPA or higher in all CMU coursework and a “C” or better must be achieved in coursework toward major content area.
- Pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- A student must follow the CMU graduation requirements either from 1) the program sheet for the major in effect at the time the student officially declares a major; or 2) a program sheet for the major approved for a year subsequent to the year during which the student officially declares the major and is approved for the student by the department head. Because a program may have requirements specific to the degree, the student should check with the faculty advisor for additional criteria. It is the student’s responsibility to be aware of, and follow, all requirements for the degree being pursued. Any exceptions or substitutions must be approved by the student’s faculty advisor and Department Head.
- When filling out the program sheet a course can be used only once.
- See the “Undergraduate Graduation Requirements” in the catalog for additional graduation information

**GENERAL EDUCATION REQUIREMENTS** (Minimum 15 semester hours) See the current catalog for a list of courses that fulfill the requirements below. If a course is on the general education list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the general education requirement.

Course No Title	Sem.hrs	Grade	Term/Trns
<b>Communication</b> (6 semester hours)			
ENGL 111 English Composition	3	_____	_____
ENGL 112 English Composition	3	_____	_____
<b>-OR-</b>			
ENGL 111 English Composition <b>and</b>	3	_____	_____
SPCH 101 Interpersonal Communication <b>or</b>	3	_____	_____
SPCH 102 Speechmaking	3	_____	_____

Course No Title	Sem.hrs	Grade	Term/Trns
<b>Mathematics</b> (Minimum 3 semester hours)			
MATH 108 Technical Mathematics or higher	4	_____	_____

**Social Sciences, Natural Science, Fine Arts, or Humanities or Selected Applied Studies Courses\***(Minimum 6 semester hours)

_____	3	_____	_____
_____	3	_____	_____

**OTHER LOWER DIVISION REQUIREMENTS**

**Wellness** (2 semester hours)

KINE 100 Health and Wellness	1	_____	_____
KINA 1 _____	1	_____	_____

**ASSOCIATE OF APPLIED SCIENCE: PROCESS SYSTEMS**

**TECHNOLOGY REQUIREMENTS**

(44 semester hours)

**Core Classes**

TECI 132 Intro Info Tech Hard/Soft	3	_____	_____
PROS 100 Intro to Process Technology	3	_____	_____
PROS 110 Safety, Health, & Environment	3	_____	_____
TECI 110 Applied Physics	3	_____	_____
PROS 117 DC Circuits	3	_____	_____
PROS 118 AC Circuits	3	_____	_____
PROS 120 Process Technology I:			
Equipment	4	_____	_____
PROS 130 Instrumentation	3	_____	_____
PROS 210 Process Technology II: Systems	4	_____	_____
TECI 251 Personal and Professional			
Leadership Development	2	_____	_____
PROS 220 Process Technology III:			
Operations	4	_____	_____
PROS 230 Quality in Process Technology	3	_____	_____
PROS 292 Capstone	4	_____	_____
TECI 290 Certification	2	_____	_____

\*Please see your advisor for requirements specific to this program.

**SUGGESTED COURSE SEQUENCING FOR THE ASSOCIATE OF APPLIED SCIENCE WITH AN EMPHASIS IN PROCESS SYSTEMS TECHNOLOGY**

<b>First Semester</b>			<b>Hours</b>	<b>Second Semester</b>			<b>Hours</b>
MATH 108	Technical Mathematics		4	ENGL 112	English Composition		3
ENG 111	English Composition		3	TECI 132	Intro IT Hardware		3
PROS 117	DC Circuits		3	TECI 251	Leadership		2
PROS 100	Introduction to Process Technology		3	PROS 118	AC Circuits		3
PROS 110	Safety, Health, and Environment		3	PROS 120	Process Technology I: Equipment		4
			16				15
<b>Third Semester</b>			<b>Hours</b>	<b>Fourth Semester</b>			<b>Hours</b>
General Education	Soc/Beh. Sci, Humanities, or Speech		3	General Education	Soc/Beh. Sci, Humanities, or Speech		3
TECI 110	Applied Physics		3	TECI 290	Certification		2
PROS 130	Instrumentation		3	PROS 220	Process Technology III: Operations		4
PROS 210	Process Technology II: Systems		4	PROS 230	Quality in Process Technology		3
KINE 100	Health		1	PROS 292	Capstone		4
KINA	Activity		1				16
			16				

