



2010-2011 PETITION/PROGRAM SHEET
Degree: Associate of Applied Science
Emphasis: Process Systems Technology
www.mesastate.edu/academics/programs.html

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.

POLICIES:

1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC 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 WCCC _____ 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:

- 60 semester hours total (A minimum of 16 taken at MSC in no fewer than two semesters).
- 2.00 cumulative GPA or higher in all MSC 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 MSC 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 Mesa State College catalog for additional graduation information

GENERAL EDUCATION REQUIREMENTS (18 semester hours)

See the current Mesa State College 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
English (6 semester hours)					
ENGL 111		English Composition	3	_____	_____
ENGL 112		English Composition	3	_____	_____
Mathematics (4 semester hours)					
MATH 108		Technical Mathematics	4	_____	_____

Course	No	Title	Sem.hrs	Grade	Term/Trns
--------	----	-------	---------	-------	-----------

Social and Behavioral Science, Humanities or Selected Speech Courses (6 semester hours)

_____	_____	_____	3	_____	_____
_____	_____	_____	3	_____	_____

Kinesiology (2 semester hours)

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

ASSOCIATE OF APPLIED SCIENCE: PROCESS SYSTEMS TECHNOLOGY REQUIREMENTS

(45 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	_____	_____
CHEM 100	Chemistry and Society	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	_____	_____

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

First Semester			Hours	Second Semester			Hours
MATH 108	Technical Mathematics		4	ENGL 111	English Composition		3
PROS 117	DC Circuits		3	TECI 110	Applied Physics		3
TECI 132	Intro to Info Tech Hardware/Sys Software		3	PROS 118	AC Circuits		3
PROS 100	Introduction to Process Technology		3	CHEM 100	Chemistry and Society		3
PROS 110	Safety, Health, and Environment		3	PROS 120	Process Technology I: Equipment		4
			16	KINE 100	Health and Wellness		1
							17
Third Semester			Hours	Fourth Semester			Hours
ENGL 112	English Composition		3	KINA*	Activity		1
General Education	Soc/Beh. Sci, Humanities, or Speech		3	General Education	Soc/Beh. Sci, Humanities, or Speech		3
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
TECI 251	Personal and Professional Leadership Development		2	PROS 292	Capstone		4
			15				15