

**Recommended Academic Plan for Associate in Mechanical Engineering Technology (2MET -
College of Engineering)
Effective Summer 2008**

Semester 1	Credits	Semester 2	Credits
EDSGN 100 Introduction to Engineering Design	3	MCH T 111 Mechanics for Technology: Statics	3
ME T 105 Mechanical Systems	3	MCH T 112 Mechanics for Technology: Statics Lab	1
EE T 105 Electrical Systems	3	COMPET 117 Digital Electronics	3
<i>MATH 081 (GQ) Technical Mathematics I or MATH 026 (GQ) Plane Trigonometry</i>	3	COMPET 120 Digital Electronics Laboratory	1
<i>ENGL 015 or 030 (GWS) Rhetoric & Composition/Honors Comp.</i>	3	MATH 082 (GQ) Technical Mathematics II or MATH 22 (GQ) College Algebra II and Analytic Geometry	3
		<i>CAS 100 (GWS) Effective Speech</i>	3
		Social and Behavioral Sciences (GS)	3
Total Credits:	15	Total Credits:	17
Semester 3	Credits	Semester 4	Credits
MCH T 213 Strength and Properties of Materials	3	ME T 210W Machine Design	3
ME T 206 Dynamics and Machine Elements	3	EG T 201 Advance CAD	2
EG T 114 Spatial Analysis and Computer-Aided Drafting	2	IE T 215 Production Design	2
Humanities (GH)	3	IE T 216 Production Design Laboratory	2
Arts (GA)	3	<i>PHYS 251/151 (GN) Technical Physics II</i>	4
Track Selection	3-5	Track Selection	3
Total Credits:	17-19	Total Credits:	16
Semester 5	Credits	Semester 6	Credits

Total Credits:		Total Credits:	
Semester 7	Credits	Semester 8	Credits
Total Credits:		Total Credits:	

- **Bold type** indicates courses requiring a quality grade of C or better.
- *Italics* indicates courses that satisfy both major and General Education requirements.
- ***Bold Italics*** indicates courses requiring a quality grade of C or better and that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- US, IL, and US;IL are codes used to designate courses that satisfy University United States/International Cultures requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirements.

Scheduling patterns for courses not taught each semester: Some major/option courses are offered only fall or spring semester, as listed on guide.

The courses in this major are sequential. If taken out of sequence, scheduling conflicts may arise.

Program Notes:

Track Selections see audit

One of the GS, GA, or GH courses must also meet the United States (US) International (IL) Cultures requirement.

Academic Advising Notes: Academic planning guides should always be used in conjunction with a degree audit and consultation with an adviser.