

2016-2017

Engineering and Design Technology

Associate of Applied Science

Faculty Advisor/Program Director

Student Name

Academic Advisor

575.624.7335

Telephone Number

Student ID Number

Date

Advisor's Notes/Recommendations:

- The A.A.S. Degree in Engineering and Design Technology transfers into a Bachelor of Applied Arts and Science (BAAS) Degree program at ENMU.
- In order to improve student success probability and reduce unnecessary attrition, all students must take the University Skills Placement Test prior to entering the program.
- All lectures and corresponding labs must be taken simultaneously.
- Student must have an **ENMU Campus System** cumulative grade point average of 2.0 in order to meet graduation requirements.
- Submit a Graduation Application before the close of the semester preceding the expected completion date.

		Grade	Sem.			Grade	Sem.			Grade	Sem.
Writeplacer	ENG 093			ENG 096				ENG 098L			
Math	--	--	--	MATH 094/095				MATH 097/098			

Note * Prerequisite/s required: See list below

Fall Semester			Credit Hours	Grade	Semester
ENGR	101	Introduction to Engineering	3 hrs.		
ENGR	111	Technical Drawing	3 hrs.		
ENGR	135	Introduction to GIS	3 hrs.		
ENGR	211	Introduction to CAD-Mechanical	3 hrs.		
ENTR	101	The Entrepreneurial Mindset	3 hrs.		
OR					
PSY	134	The Psychology of Success	3 hrs.		
OR					
UNIV	101	Principles of Student Success	3 hrs.		
			15 hrs.		

Spring Semester			Credit Hours	Grade	Semester
CIT	135	Computer Applications for Technical Education	3 hrs.		
*MATH	105	Technical Math	3 hrs.		
ENGR	205	Principles of Engineering	3 hrs.		
*ENGR	212	Residential Architectural CAD	3 hrs.		
ENGR	213	Civil/Survey CAD	3 hrs.		
			15 hrs.		

Fall Semester			Credit Hours	Grade	Semester
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*ENG	102	English Composition	3 hrs.		
COMM		Communication Course - Common Core I	3 hrs.		
ENGR	120	Architectural Modeling	1 hr.		
*ENGR	222	Plane Surveying	3 hrs.		
*ENGR	240	Commercial Architectural CAD	3 hrs.		
*ENGR	245	Structural CAD	3 hrs.		
			16 hrs.		

Spring Semester			Credit Hours	Grade	Semester
CTE	210	Employability Skills	3 hrs.		
ENGR	125	Fabrication and Design	1 hr.		
*ENGR	220	Building Structures	3 hrs.		
*ENGR	230	3-D Parametric CAD	3 hrs.		
ENGR	235	Advanced GIS	3 hrs.		
ENGR	294	Engineering and Design Internship	3 hrs.		
			16 hrs.		

TOTAL HOURS REQUIRED FOR DEGREE			62 hrs.		
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***Prerequisites:**

MATH	105	Technical Math	
		Prerequisite: Satisfactory ACT scores or MATH 097/098 with a "C" or better	
ENGR	212	Residential Architectural CAD	
		Prerequisite: ENGR 211	
ENG	102	English Composition	
		Prerequisite: Satisfactory ACT scores or Placement Exam scores or ENG 096	
ENGR	222	Plane Surveying	
		Prerequisite: MATH 105 or higher	
ENGR	240	Commercial Architectural CAD	
		Prerequisite: ENGR 211	
ENGR	245	Structural CAD	
		Prerequisite: ENGR 211	
ENGR	220	Building Structures	
		Prerequisite: MATH 105 or higher	
ENGR	230	3-D Parametric CAD	
		Prerequisite: ENGR 211 or equivalent work experience	