MECHANICAL ENGINEERING MINOR

Required Courses

MENG 217	3D PARAMETRIC COMPUTER AIDED DESIGN	4
MENG 240	STATICS	4
MENG 241	STRENGTH OF MATERIALS	4
MENG 242	DYNAMICS	4
Choose from the following		15
MENG 300	LABORATORY ANALYSIS AND REPORTS	
MENG 353	INDUSTRIAL MATERIALS	
MENG 380	THERMODYNAMICS	
MENG 382	FLUID MECHANICS	
MENG 385	ROBOTICS AND AUTOMATION	
MENG 405	DESIGN OF MACHINE ELEMENTS	
MENG 407	HEATING, VENTILATING AND AIR CONDITIONING	
MENG 444	HEAT TRANSFER	
MENG 492	FINITE ELEMENT ANALYSIS	
Total Credits		31

Placement and Clearance Exams (http://catalog.ewu.edu/placement)

Prior Learning Credits / Sources of Credit AP, CLEP, IB (http://catalog.ewu.edu/prior-learning)

University Competencies and Proficiencies (http://catalog.ewu.edu/undergraduate-degree/#newitemtext)

Breadth Area Core Requirements (BACR)

Humanities and Arts (http://catalog.ewu.edu/undergraduate-degree/#humanitiesandfineartsgecrtext)

Natural Sciences (http://catalog.ewu.edu/undergraduate-degree/#naturalsciencesgecrtext)

Social Sciences (http://catalog.ewu.edu/undergraduate-degree/#socialsciencesgecrtext)

University Graduation Requirements (http://catalog.ewu.edu/undergraduate-degree/#universitygraduationrequirementstext) **(UGR)**

Foreign Language

Minor or Certificate

Diversity Course List (http://catalog.ewu.edu/undergraduate-degree/#cultureandgenderdiversityintheuslisttext)

Global Studies Course List (http://catalog.ewu.edu/undergraduate-degree/#internationalstudiesrequirementtext)

Senior Capstone Course List (http://catalog.ewu.edu/undergraduate-degree/#capstonecourselisttext)

All admitted students must officially Declare a Major (https://access.ewu.edu/center-for-academic-advising-and-retention/academic-planning-tools/declare-your-major) by the time they reach 90 credits (junior standing).

Application for Graduation (https://sites.ewu.edu/records-and-registration/files/2017/02/GraduationApp.pdf) must be made at least two terms in advance of the term you expect to graduate (undergraduate and post-baccalaureate).

Check your progress with SOAR (https://soar.ewu.edu/selfservice/general/home.html) Student Online Academic Review—*you must be signed in to use this tool.*