

Minor in Mechanical Engineering

The Minor in Mechanical Engineering provides students with a fundamental understanding of core mechanical engineering principles.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Prescott Minor Requirements

MECH 304	Introduction to Machine Design	3
MECH 304L	Machine Design Laboratory	1
Choose Thirteen Credits of the Following:		
ENGR 402	Application of Advanced CATIA Methods	3
ESCI 403	Heat Transfer ^{2, 3}	3
ESCI 413	Engineering Fundamental Review	1
ESCI 492	Engineering Fundamentals Practicum	3
MATH 412	Probability and Statistics ¹	3
MECH 340	Alternative Energy I ³	3
MECH 360	Airbreathing and Rocket Propulsion ²	3
MECH 370	Introduction to Robotics ¹	3
MECH 370L	Introduction to Robotics I Laboratory ¹	1
MECH 440	Thermal Power Systems ^{2, 3}	3
MECH 442	Alternative Energy II ³	3
MECH 460	Advanced Propulsion ²	3
MECH 471	Robotics II ¹	3
MECH 471L	Robotics II Laboratory ¹	1
Total Credits		17

¹ These courses are recommended for students interested in Robotics.

² These courses are recommended for students interested in Propulsion.

³ These courses are recommended for students interested in Energy.