

Robotics Engineering

Minor Contact

- Statler College (Statler-StudentServices@mail.wvu.edu)

MINOR CODE - U222

Any student may take a minor in robotic engineering by passing the following courses and maintaining a 2.0 GPA or better in these courses.

Code	Title	Hours
A minimum of 9 credits must be 300 or 400 level		
CS 110 & 110L	Introduction to Computer Science and Introduction to Computer Science Laboratory	4
MAE 211 & 211L	Mechatronics and Mechatronics Laboratory	3
ROBE 313	Fundamentals of Robotic Systems	3
Elective Courses (Select from the following): ⁺		6
CPE 410S	Microcomputer Structures and Interfacing	
CPE 412 or ROBE 412	Mobile Robotics Mobile Robotics	
CPE 484	Real-Time Systems Development	
CS 472	Artificial Intelligence	
EE 463	Digital Signal Processing Fundamentals	
MAE 411/411L	Advanced Mechatronics	
MAE 460	Automatic Controls	
ROBE 371S	Robotic Engineering Design 2 [*]	
ROBE 413	Robotic Manipulators	
ROBE 414	Robot Autonomy	
Total Hours		16

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Electives may require additional coursework to fulfill prerequisites.

^{*}
Requires department approval for enrollment into the project based course. Contact instructor for more details. ROBE 271S is a pre-requisite for ROBE 371S.