

Fundamentals of Engineering – Certificate (FUEN.CERT) at Jackson College to Bachelor of Science in Mechanical Engineering at Wayne State University

The Bachelor of Science in Mechanical Engineering is available to JC students who earn the Michigan Transfer Agreement (MTA), complete the WSU Expected Mechanical Engineering Pathway Courses, and finish one of the Associate Degree programs listed in the Mechanical Engineering Technology Pathway with a cumulative GPA of 2.5 or higher.

Under this agreement, Wayne State University will accept 50-60 credit hours and require that a minimum of 76 credits be completed in courses offered by WSU. This allows students to complete up to 60 credit hours at Jackson College, and have those hours applied toward their bachelor's degree.

Engineering (Certificate) Core Requirements (35 Credits)

Course	Credits
CEM 141 General Chemistry I	5
MAT 151 Calculus I	4
MAT 154 Calculus II	5
MAT 251 Calculus III	4
MAT 254 Differential Equations	4
PHY 251 Modern University Physics I	5
PHY 252 Modern University Physics II	5
SEM 140 Seminar in Life Pathways	3

MTA Requirements

Course	(18 Credits)
ENG-131-Writing Experience I	3
ENG-232-Tech & Business Writing	3
Approved Social Science (See MTA)	3
Approved Social Science (See MTA)	3
Approved Humanities/Fine Arts (See Arts)	3
Approved Humanities/Fine Arts (See Arts)	3
Subtotal	53