

## Associate in General Studies (GEST.AGS) 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 credits 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.

### General Education (28 Credits)

Course title	Credits
ENG 131 Writing Experience I	3
ENG 232 Tech & Business Writing	3
ANT 131 Cultural Anthropology	3
MAT 151 Calculus I	4
CEM 141 General Chemistry	5
PSY 140 Intro to Psychology	4
HUM 131 Cultural Connections	3
SEM 140 Seminar in Life Pathways	3

### Additional Degree requirements (11 Credits)

Choose at least 6 credit hours from two of the following four areas: Natural Science, Social Science, Humanities and Diversity.

#### Natural Science

Must be different course than taken for GEO 4,5,6

PHY 251 Modern University Physics	5
MUS 131 Understanding Music	3
PHL 236 Ethics	3

### Expected WSU Mechanical Engineering Pathway Courses (18 Credits)

\*If courses are not completed at JC, students may not meet requirements and/or acceptance into desired program

PHY-252-Modern University Physics II	5
MAT-154-Calculus II	5
MAT-251-Calculus III	4
MAT-254-Differential Equations	4

Subtotal	57
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PROGRAM REQUIREMENTS: Complete Additional courses\*\* so that total degree equals 60 credits

Complete 3 credits in the following disciplines CAD, CIS, ELT, EGY, MFG, WLD