



MECHANICAL ENGINEERING MITRANSFER PATHWAY

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Spring Arbor University
Degree/Program	Mechanical Engineering (BS)
Credits Required	133

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mittransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Mechanical Engineering MiTransfer Pathways faculty recommended that students complete a course in the Calculus pathway.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Calculus I	MAT 201	Calculus I	4
Calculus II	MAT 202	Calculus II	4
Calculus III	MAT 302	Vector Calculus	3
Differential Equations*	MAT 311	Differential Equations	3
Physics I (Calculus-based, w/lab)	PHY 211	Modern University Physics I	4
Physics II (Calculus-based, w/lab)	PHY 212	Modern University Physics II	4
Chemistry 1 (w/lab)	CHE 111	General Chemistry I	4
Statics	EGR 206	Statics	3
Dynamics	EGR 216	Dynamics w/ Lab	4
Mechanics of Solids/Strength of Materials (no lab required)	EGR 331	Mechanics of Materials	3
<i>*Minimum 4 credits, linear algebra must be covered</i>			

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add additional lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Gen Ed	ENG 104	College Writing	3
Program Requirement	MAT 351	Statistics	3
Program Requirement	CPS 201	Coding I	4
Program Requirement	EGR 203	Electric Circuits	4
Program Requirement	EGR100	Intro to Engineering I	3

ADVISING NOTES

Please indicate any advising notes for students following this transfer pathway at your institution.

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