

MECHANICAL ENGINEERING A.S.: 404

Total Credits: 61
Catalog Editions 12-13 through 15-16

Name: Date: ID #:

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation	EN 102/ ENGL 102	3	
Math Foundation	MA 181/ MATH 181	4	
Health Foundation HLHF (Choose HLTH 100 - HLTH 230)			

GENERAL EDUCATION: DISTRIBUTION COURSES	Course	Hours	Grade
Arts Distribution (ARTD)			
Humanities Distribution (HUMD)			
Behavioral & Social Sciences Distribution (BSSD) **		3	
Behavioral & Social Sciences Distribution (BSSD) **		3	
Natural Sciences Distribution with Lab (NSLD)	PH 262/ PHYS 262	4	
Natural Sciences Distribution without Lab (NSND) or Natural Sciences Distribution with Lab (NSLD)	PH 161/ PHYS 161	3	

PROGRAM REQUIREMENTS	Course	Hours	Grade
(only if needed for EN 102/ENGL102)	EN 101/ ENGL 101	(3)	
(only if needed for MA 181/MATH 181)	MA 180/ MATH 165	(4)	
	PH 263/ PHYS 263	4	
	CH 135/ CHEM 135	4	
	ES 100/ ENES 100	3	
	ES 102/ ENES 102	3	
	ES 220/ ENES 220	3	
	ES 221/ ENES 221	3	
	ES 232/ ENES 232	3	
	MA 182/ MATH 182	4	
	MA 280/ MATH 280	4	
	MA 282/ MATH 282	3	

Has student completed the Global Perspectives requirement? Yes No

Overall GPA of 2.0 is required to graduate

Total Credits:

Global Perspectives Course:

** The two behavioral and social sciences courses MUST be in different disciplines

Last Modified: September 2015

ADVISING NOTES ON PAGE 2

Advising Worksheet Contact: [Anthony Solano](#)

See an advisor to submit an Application for Graduation the semester BEFORE you intend to graduate.

This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.

ADVISING NOTES FOR MECHANICAL ENGINEERING

- Most engineering students will start at MC missing one or more re-requisites for CHEM 131, CHEM 132, CHEM 135, ENGL 102, ENES 100, and MATH 181.
- The appropriate initial chemistry courses will be determined by the student's score on the Chemistry Placement exam, mathematics level, AP/IB credits, or transfer credits. Possible courses include CHEM 099, CHEM 131, CHEM 132, or CHEM 135. Either CHEM 132 or CHEM 135 satisfies the required chemistry credit for UMCP. CHEM 131-132 satisfies the required chemistry credit for UMBC, but CHEM 135 does not.
- The pre-requisite for ENGL 102 is ENGL 101 or ENGL 101A. English course placement is determined by the Accuplacer English/Reading Test.
- The co-requisite for ENES 100 is MATH 165 or higher.
- The pre-requisite for MATH 181 is MATH 165 (Precalculus). Mathematics initial course placement will be determined by the Accuplacer Math Test, AP/IB credit, or transfer credits.
- ENES 240 (3) IS NOT required for the MC AS Mechanical Engineering degree, but is accepted as an equivalent to MATH 206 (1) and ENES 272 (2) at UMCP.

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