

# AEROSPACE ENGINEERING A.S.: 408

Total Credits: 61  
Catalog Editions 16-17 through 19-20

Name:

Date:

ID #:

<b>GENERAL EDUCATION: FOUNDATION COURSES</b>	<b>Course</b>	<b>Hours</b>	<b>Grade</b>
English Foundation	EN 102/ <b>ENGL 102</b>	3	
Math Foundation	MA 181/ <b>MATH 181</b>	4	

<b>GENERAL EDUCATION: DISTRIBUTION COURSES</b>	<b>Course</b>	<b>Hours</b>	<b>Grade</b>
Arts Distribution (ARTD)			
Humanities Distribution (HUMD)			
Behavioral & Social Sciences Distribution (BSSD) **		3	
Behavioral & Social Sciences Distribution (BSSD) **		3	
Natural Sciences Distribution without Lab (NSND)	PH 161/ <b>PHYS 161</b>	3	
Natural Sciences Distribution with Lab (NSLD)	PH 262/ <b>PHYS 262</b>	4	
General Education Elective (GEEL)	ES 100/ <b>ENES 100</b>	3	

<b>PROGRAM REQUIREMENTS</b>	<b>Course</b>	<b>Hours</b>	<b>Grade</b>
	PH 263/ <b>PHYS 263</b>	4	
CH 135/ <b>CHEM 135</b> or CH 102/ <b>CHEM 132</b>		4	
	ES 102/ <b>ENES 102</b>	3	
	ES 220/ <b>ENES 220</b>	3	
	ES 232/ <b>ENES 232</b>	3	
	MA 182/ <b>MATH 182</b>	4	
	MA 280/ <b>MATH 280</b>	4	
	MA 282/ <b>MATH 282</b>	3	
	MA 284/ <b>MATH 284</b>	4	

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

[Aerospace Engineering Website](#)

## Financial Aid Notice:

Students that are required to take ENGL 101, MATH 165, CHEM 099 and/or CHEM 131 should declare as a General Engineering: 410 major until they qualify to register for ENGL 102, MATH 181, & CHEM 132/CHEM 135.

Last Modified: May 2019

Advising Worksheet Contact: [Anthony Solano](#)

## ADVISING NOTES ON PAGE 2

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 AEROSPACE 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.
- UMCP's ENAE 200 (1) and 283 (3) for which MC has no equivalents, remain to be taken at UMCP. Students need to take ENAE 283 in order to achieve full junior standing upon transfer. This must be done in summer term prior to fall term transfer.
- CMSC 140 (3) and ENES 240 (3) combined can be equivalent to ENAE 202 (3).

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