



**Middlesex Community College**  
**Engineering Science**  
 Associate in Science Degree  
**GRADUATION CHECKLIST**

This program is a **College of Technology Transfer-Oriented Degree** that is intended to be completed before you continue your education at the baccalaureate level. Individual articulation agreements may exist with specific universities so that your degree is completely accepted with all credits transferring. Please check with your Academic Advisor to ensure you enroll in the appropriate courses to ensure seamless transfer to your intended transfer institution.

Category	Course	Cr	Semester Taken	Grade
<b>DESIGNATED General Education Requirements for Transfer Programs (27 credits)</b>				
Aesthetic Dimensions	ART* 101: Art History I <b>OR</b> ART* 102: Art history II	3		
Historical Knowledge	HIS* 101: Western Civilization I <b>OR</b> HIS* 102: Western Civilization II	3		
Quantitative Reasoning	MAT* 254: Calculus I	4		
Scientific Knowledge	CHE* 121: General Chemistry I	4		
Scientific Reasoning	PHY* 221: Calculus-Based Physics I	4		
Social Phenomena Elective		3		
Written Communication (1 of 2)	ENG* 101: Composition	3		
Written Communication (2 of 2)	ENG* 102: Literature and Composition	3		

<b>Program Requirements (37-38 credits)</b>				
Program Requirement	CSC* 105: Programming Logic	3		
Program Requirement	CHE* 122: General Chemistry II <b>OR</b> EGR* 214: Engineering Thermodynamics	3-4		
Program Requirement	EGR* 111: Introduction to Engineering	3		
Program Requirement	EGR* 211: Applied Mechanics I (Statics)	3		
Program Requirement	EGR* 212: Applied Mechanics II (Dynamics)	3		
Program Requirement	EGR* 221: Introduction to Electric Circuit Analysis	4		
Program Requirement	MAT* 256: Calculus II	4		
Program Requirement	MAT* 268: Calculus III: Multivariable	4		
Program Requirement	MAT* 285: Differential Equations	3		
Program Requirement	PHL* 111: Ethics	3		
Program Requirement	PHY* 222: Calculus-Based Physics II	4		
<b>TOTAL CREDITS</b>		<b>64-65</b>		

MIDDLESEX COMMUNITY COLLEGE

Deadline to Apply:

GRADUATION CHECKLIST

Graduation Year 20\_\_\_\_\_

Fall: November 10, 2017

2017-2018

Year of Catalog being used\_\_\_\_\_

Spring/Summer: April 16, 2018

Engineering Science

NAME (as you would like it to appear on the Diploma) \_\_\_\_\_ @ \_\_\_\_\_  
BANNER ID

STREET ADDRESS \_\_\_\_\_ TOWN \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE# \_\_\_\_\_

Please be advised that your name and academic major will be printed in the commencement brochure and your academic major will be announced at the graduation ceremony if you choose to attend. Please notify the Records Office if you \_Do Not wish your information to be printed or announced.

Other college transfer credits to be used? Yes  No  Are they on file at MxCC? Yes  No

Are you applying for more than one degree? Yes  No  If yes, which curriculum? \_\_\_\_\_

Graduation Requirements:

Have been met  Will be met at the end of: Fall semester  Spring Semester  Summer Semester

ADVISOR'S SIGNATURE & DATE \_\_\_\_\_

STUDENT'S SIGNATURE & DATE \_\_\_\_\_