



Middlesex Community College
Engineering Science
 Associate in Science Degree
GRADUATION CHECKLIST – CATALOG YEAR 2016-17

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
DESIGNATED General Education Requirements for Transfer Programs (27 credits)				
Aesthetic Dimensions	ART* 101: Art History I OR ART* 102: Art history II	3		
Historical Knowledge	HIS* 101: Western Civilization I OR 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		

Program Requirements (37-38 credits)				
Program Requirement	CSC* 105: Programming Logic	3		
Program Requirement	CHE* 122: General Chemistry II OR 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		
TOTAL CREDITS		64-65		

MIDDLESEX COMMUNITY COLLEGE

GRADUATION CHECKLIST

2016-2017

Deadline to Apply:
Fall: November 11th
Spring/Summer: April 17th

Graduation Year 20_____
Year of Catalog being used_____

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