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Student ID # _____

Nash Community College

Associate in Engineering - A10500 Degree Checklist

2025-2026 Academic Year

Developmental Reading & English

DRE 096 - DRE 098	ENG 025
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Developmental Mathematics

DMA 010 -DMA 080	MAT 035
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Prerequisite Mathematics - Credit for both courses is required for MAT 271 enrollment.

MAT 171 - Precalculus Algebra	MAT 172 - Precalculus Trigonometry
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General Education Requirements (45-46 Credit Hours):**I. Composition: 6 Credit Hours**

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	ENG 111	Writing & Inquiry	3	DRE 098 or ENG 025		
	ENG 112	Writing/Research in the Disciplines	3	ENG 111		

II. Humanities: 3 Credit Hours - Choose 1 Course

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	ENG 231 ENG 232 ENG 241 ENG 242	American Literature I American Literature II British Literature I British Literature II	3 3 3 3	ENG 112, 113, or 114		ENG 231 FA only. ENG 232 SP only. ENG 241 FA only. ENG 242 SP only.
	PHI 215 PHI 240	Philosophical Issues Introduction to Ethics	3 3	ENG 111		

III. Fine Arts and Communication: 3 Credit Hours - Choose 1 Course

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	COM 231	Public Speaking	3	DRE 097 or ENG 025		
	ART 111 ART 114 ART 115	Art Appreciation Art History Survey I Art History Survey II	3 3 3			ART 114 FA only. ART 115 SP only.
	MUS 110 MUS 112	Music Appreciation Introduction to Jazz	3 3			

IV. Social/Behavioral Sciences: 3 Credit Hours - Choose 1 Course

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	HIS 111	World Civilizations I	3			
	HIS 112	World Civilizations II	3			
	HIS 131	American History I	3			
	HIS 132	American History II	3			
	POL 120	American Government	3			
	PSY 150	General Psychology	3			
	SOC 210	Introduction to Sociology	3	ENG 025		

V. Economics: 3 Credit Hours

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	ECO 251	Principles of Microeconomics	3			

VI. Mathematics: 12 Credit Hours

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	MAT 271	Calculus I	4	MAT 172		
	MAT 272	Calculus II	4	MAT 271		
	MAT 273	Calculus III	4	MAT 272		

VII. Natural Sciences: 12 Credit Hours

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	CHM 151	General Chemistry I	4			
	PHY 251	General Physics I	4	MAT 271	MAT 272	
	PHY 252	General Physics II	4	PHY 251 & MAT 272		

VIII. Other General Education Requirements: 3-4 Credit Hours

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	BIO 111	General Biology I	4			
	CHM 152	General Chemistry II	4	CHM 151		
	COM 110	Introduction to Communications	3			
	COM 231	Public Speaking	3	ENG 025 or DRE 097		
	ECO 252	Principles of Macroeconomics	3			
	GEL 111	Geology	4			
	HUM 110	Technology and Society	3			
	PHI 240	Introduction to Ethics	3	ENG 111		

Other Requirements (15 Credit Hours):

IX. Other Required Courses: 3 Credit Hours

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	ACA 122	College Transfer Success	1			
	EGR 150	Introduction to Engineering	2			

X. Pre-Major Elective Courses: Choose 11-12 Credit Hours

✓	Course:	Course Name:	Credit(s):	Prerequisite:	Corequisite:	Notes:
	BIO 111	General Biology I	4			
	CHM 152	General Chemistry II	4	CHM 151		
	CHM 251	Organic Chemistry I	4	CHM 152		
	CHM 252	Organic Chemistry II	4	CHM 251		
	COM 110	Introduction to Communications	3			
	COM 231	Public Speaking	3	DRE 097 or ENG 025		
	CSC 134	C++ Programming	3			
	CSC 151	JAVA Programming	3	EGR 150		
	DFT 170	Engineering Graphics	3			
	ECO 252	Principles of Macroeconomics	3			
	EGR 220	Engineering Statics	3	PHY 251	MAT 272	
	GEL 111	Geology	4			
	HUM 110	Technology and Society	3			
	MAT 280	Linear Algebra	3	MAT 271		
	MAT 285	Differential Equations	3	MAT 272		
	PED 110	Fitness and Wellness for Life	2			

Total Hours Required For Graduation: 60-61

“Other General Education and Pre-Major Elective Courses” will be selected with the help of an Associate in Engineering advisor based on your intended transfer university and engineering discipline.

Contact:

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