



Northern Marianas College

Individualized Degree Plan (IDP)

Associate of Arts in Liberal Arts with an Emphasis in Pre-Engineering

Name: _____ Program Enrollment Date/Term: _____


Student ID Number (PC#): _____ English Placement: _____

Contact: _____ Math Placement: _____

Course Title	Course ID	Credit	Term Offered	Term & Year	Grade	Alternative
Core Course Requirements		<i>A minimum grade of "C" is required for all NMC Core courses.</i>				
College Success	BE 111	3				
English Composition I	EN 101	3				
College Algebra	MA 161	4				
Fundamentals of Speech Communication	CO 210	3				
Nutrition and Health	HE 230	3				
Current Issues in the CNMI	SO 297	3				
Total		19				
General Education Requirements		<i>A minimum grade of "C" is needed in order for a course to transfer to another institution.</i>				
English Composition II	EN 202	3				
Critical Thinking	BE 120	3				
Social Science	SO 101	3				
Trigonometry	MA 162	4	FA			
Principles of Democratic Institution	PS 110	3				
History	HI 101/121	3				
Physical Science w/lab	NS 101	4				
Principles of Macroeconomics	EC 211	3				
Total		26				
Program Requirement:		<i>A minimum grade of "C" is needed in order for a course to transfer to another institution.</i>				
General Chemistry	CH 124	4				
Physics	PH 201	4	SP			
Basic Calculus	MA 203	5	SP			
Introduction to Pre-Engineering	EG 100	3	FA			
Essentials of Computer-Aided Design	EG 100L	1	FA			
Total		17				
Minimum Credits Required to Graduate		62				

Advisor _____

Date _____


 Lorraine C. Maui Lorraine Maui (Mar 14, 2025 10:42 GMT+10) 03/14/2025
 Date: _____
 Interim Dean, Academic Programs & Services

Approved Course Substitution (Recommended for Transfer):

Mathematics	MA 151	Critical Thinking	LI 150 or PI 201
History	HI 255, HI 102, HI 122	Science	NS 101, NS 140, BI 103
Social Science	GE201, AN101, NR260	Economics	EC 212
Psychology	PY 101, PY 102, PY 201	Law	LW 110
Computer	CS 227	Other Recommended Courses	Science Research: NS 120, ED 102 Language: i.e. CM 101, JA 101, KR 101 Fine Arts: DR 202, AR 103, AR 101, AR 214

DEVELOPMENTAL COURSE PROGRESS

Only "P" indicates a passing grade. "NP" indicates no passing Grade.

NDU Math Course ID	Term & Year	Grade	NDU English Course ID	Term & Year	Grade
MA 087 (3 NDU)			EN 070 (6 NDU)		
MA 089 (3 NDU)			EN 071 (6 NDU)		
MA 091 (4 NDU)			EN 072 (6 NDU)		
			EN 073(6 NDU)		
			EN 074 (6 NDU)		
			EN 082 (4 NDU)		
			EN 085 (4 NDU)		
			EN 092 (4 NDU)		
			EN 095 (4 NDU)		

SUGGESTED COURSE SEQUENCE for EN 101 English Placement & MA 161 Placement			
<i>SEMESTER 1</i>	<i>SEMESTER 2</i>	<i>SEMESTER 3</i>	<i>SEMESTER 4</i>
<ul style="list-style-type: none"> ● EN 101 English Comp. I(3crs) ● BE 111 College Success(3crs) ● Math 161 Int. Algebra (4crs) ● SO 101 Sociology (3crs) ● HE 230 Nut. & Health (3crs) <p><i>Total 16 credits</i></p>	<ul style="list-style-type: none"> ● EN 202 English Comp. II (3crs) ● MA 162 Trigonometry (4crs) ● BE 120 Critical Thinking (3crs) ● CO 210 Speech (3crs) ● EG 100 Intro. to Engrg. (3crs) ● EG 100L CAD (1cr) <p><i>Total 17 credits</i></p>	<ul style="list-style-type: none"> ● MA 203 Calculus (5crs) ● PS 110 Prin.Dem.Inst.(3crs) ● History (3crs) ● NS 101 Phys. Science(4crs) <p><i>Total 15 credits</i></p>	<ul style="list-style-type: none"> ● CH 124 Gen. Chem.(4crs) ● PH 100 Conc. Phys (4crs) ● EC 211 Economics (3crs) ● SO 297 Curt. Issues(3crs) <p><i>Total 14 credits</i></p>

Important Notice:

Students who declare one or more emphasis will receive one diploma upon graduation. The name of the degree program will appear on the diploma and the emphases earned will be listed on the graduate's transcript. Students may not add an additional emphasis once the degree is conferred. After the degree is conferred, students cannot return to earn another emphasis in that degree. However, students are welcome to return and take classes required for that emphasis to enhance their resume for employment purposes.

Common Career Pathway for Pre-Engineering Degree Holders:

Project Manager, Project Coordinator, Project Inspector, Civil Engineer, Surveyor/Mapping Technician






Liberal Arts IDP Emphasis Pre_Engineering effective Fall 2025.docx

Final Audit Report

2025-03-14

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