



Program of Study
Career Field: Industrial, Manufacturing and Engineering Systems
Career Cluster: Science, Technology, Engineering and Mathematics
Career Pathway: Science and Math



Northeast Community College

DEGREE:
Mathematics

<http://www.northeast.edu/Degrees-and-Programs/Mathematics>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	Pathway Elective Courses	Extended Learning School/Community Activities		
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Biology	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Engineering Technology	Principles of Technology Principles of Engineering Intro to Engineering Design	<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, Math Club, MATHCOUNTS, Science Club, Science Fairs <i>Community Activities:</i> Participate in programs provided by the University of Nebraska: Engineers Week, Academy of Excellence, MESA Program. Part-time employment within career cluster		
	10	English/Language Arts II	Geometry	Chemistry	World History					
	11	English/Language Arts III	Algebra II	Physics	American History					
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	AP Science	American Government or Economics					
NORTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/ HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES			
	13	English Composition I	Algebra and Trigonometry	Introduction to Internet	English Composition II	Take 2 approved by advisor	Analytic Geometry and Calculus I	Analytic Geometry and Calculus II	Analytic Geometry and Calculus III	Ordinary Differential Equations
		Fund of Communication	Analytic Geometry and Calculus I	General Biology			Introduction to Statistics	Computer Science		
	14			General Physics I	Principles of Macroeconomics	Art History				
				Introduction to Psychology						