



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:
Physics

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

	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	Analytic Geometry and Calculus I	General Chemistry I	English Composition II			General Physics I			
		Fund of Communication	Analytic Geometry and Calculus II	General Chemistry II	World History I						
	14		Ordinary Differential Equations		Principles of Macroeconomics	Art History		General Physics II	Computer Science	Analytic Geometry and Calculus III	Introduction to Statistics
		Analytic Geometry and Calculus III		Introduction to Psychology	Introduction to Sociology						