



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



Central Community College

DEGREE:
 Mathematics (A.S.)

<http://www.cccneb.edu/igsbase/igstemplate.cfm?SRC=SP&SRCN=programchart2&GnavID=20&SnavID=&TnavID=&cccProgramID=146&LS=&PS=&KS=>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY		
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Biology	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Information Technology App. I Industrial Technology CAD (Computer Aided Drafting) Engineering Technology	Schools may define their own program of study with a career focus and apply for approval	<i>School Activities:</i> SkillsUSA, OPPD/NPPD PowerDrive, Math Club, Discover Engineering Day, Science Club, Science Fairs <i>Community Activities:</i> Participate in programs provided by the University of Nebraska: •Engineers Week •Academy of Excellence •MESA Program		
	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					
CENTRAL COMMUNITY COLLEGE		COMMUNICATIONS	MATH/ SCIENCE	HUMANITIES	SOCIAL/ BEHAVIORAL SCIENCES	DEGREE REQUIREMENTS	MAJOR COURSES			
	13 and 14	Select 6 hours from the following:	Select 12-16 hours from the following: General Biology General Chemistry I Analytic Geometry & Calculus I Analytic Geometry & Calculus II Analytic Geometry & Calculus III Differential Equations	Select 12 hours from the following: Intro to the Visual Arts Intro to Music Intro to Ethics Intro to Philosophy Intro to Theater Any HIST course	(See Humanities)	30 Hours of Academic Transfer Courses				
		English Comp								
		Writing & Research								
	Public Speaking									