



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



Central Community College

DEGREE:
 Physical Science/Chemistry (A.S.)

<http://www.cccneb.edu/igsbase/igstemplate.cfm?SRC=SP&SRCN=programchart2&GnavID=20&SnavID=&TnavID=&cccProgramID=160&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:	Select 12 hours from the following:	(See Humanities)	30 Hours of Academic Transfer Courses				
		English Comp Writing & Research Public Speaking	General Chemistry I & II Physical Science Organic Chemistry I & II College Algebra	Intro to the Visual Arts Intro to Music Intro to Philosophy Comparative Religions Intro to Ethics Intro to Theater Intro to Psychology Intro to Sociology						