

**Program of Study**

**Career Field: Industrial, Manufacturing, and Engineering Systems**

**Career Cluster: Science, Technology, Engineering, and Mathematics**

**Career Pathway: Science and Math**



**Mid-Plains Community College**

DEGREE:

Mathematics

[http://programs.mpcc.edu/Discipline\\_Areas.html](http://programs.mpcc.edu/Discipline_Areas.html)

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES			
<b>HIGH SCHOOL</b>	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 Industrial Technology	Schools may define their own program of study with a career focus and apply for approval.	<p><i>School Activities:</i> SkillsUSA, OPPD/NPPD PowerDrive, Math Club, Mathematic Student Competitions, Science Club, Discover Engineering Day</p> <p><i>Community Activities:</i> Participate in the following programs and activities provided by the University of Nebraska: Engineers Week, Academy of Excellence, and MESA Program</p>			
	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						
<b>MID-PLAINS COMMUNITY COLLEGE</b>		<b>COMMUNICATIONS</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL SCI/ HUMANITIES</b>	<b>DEGREE REQUIREMENTS</b>	<b>MAJOR COURSES</b>				
	13	Expository Writing I	Analytical Geometry and Calculus I	General Chemistry I	American Government & Politics	Art Appreciation					
		Expository Writing II	Analytical Geometry and Calculus II		Introduction to Psychology	Music Appreciation					
	14	Fund of Speech Communication	Analytical Geometry and Calculus III	General Physics I	Introduction to Sociology	Genre Survey: Short Story and Novel		Elements of Statistics			
		Differential Equations		Western Civilization I to 1715	Contemporary Economic Issues						