Program of Study
Career Field: Communication and Information Systems
Career Cluster: Information Technology
Career Pathway: Programming and Software Development

Mid-Plains Community College

DEGREE:
Information Technology- Computer Programming Emphasis
http://programs.mpcc.edu/Information_Technology.html

	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	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Digital Media Information Technology Fundamentals Network Systems	Information Technology App. I Information Technology App. II Programming I *Plus two from the following:* Programming II Programming III Database Design and Development Web Design and Development	*School Activities:* Develop web pages, FBLA, Prepare school multimedia/video projects, SkillsUSA, Student technology aide *Community Activities:* Create a community web site, Volunteer in the community, Help individuals use a computer, Set up computers and install software, Job shadow professionals
	10	English/Language Arts II	Geometry	Biology	World History			
	11	English/Language Arts III	Algebra II	Chemistry	American History			
	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics or other science cource	American Government or Economcis			

		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/ HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES				
MID-PLAINS COMMUNITY COLLEGE	13	Business & Prof Speaking	Intermediate Algebra				Intro to Computer Science	Visual Basic Programming	Networking Essentials	Operating Systems I	C + + Programming
							Microcomputer Applications	Operating Systems II			
	14	Business Communications			Contemporary Economic Issues	Take 6 hrs of Electives	Advanced C + + Programming	Database Concepts and Design	Systems Analysis & Design I	Capstone Project	Internship
					Principles of Economics - Macro	Secondary Language					

6/14/2010