



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



Central Community College

DEGREE:
 Information Technology- Programming Specialization

<http://www.cccneb.edu/igsbase/igstemplate.cfm?SRC=SP&SRCN=programchart3&GnavID=20&SnavID=&TnavID=&LS=&PS=&KS=&cccProgramID=72&DDCTypeID=1>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES	PATHWAY ELECTIVE COURSES	EXTENDED LEARNING SCHOOL/COMMUNITY			
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Digital Media Network Systems Information Technology Fundamentals	Information Technology Applications I Information Technology Applications II Programming I <i>Plus one from the following:</i> Programming II Programming III Database Design & Development Web Design & Development	<i>School Activities:</i> Develop web pages, FBLA, Prepare school multimedia/video projects, SkillsUSA <i>Community Activities:</i> Create a community web site, Volunteer in the community, 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 Discrete Math Pre-Calc	Physics	American Government or Economics						
CENTRAL COMMUNITY COLLEGE		COMMUNICATIONS	MATH/SCIENCE	PERSONAL DEVELOPMENT	SOCIAL/ BEHAVIORAL SCIENCES	DEGREE REQUIREMENTS	MAJOR COURSES				
	13 and 14	Select 3 hours from the following link: CCC Communication Courses	Select 3 hours from the following link: CCC Math/Science Courses	Select 3 hours from the following link: CCC Personal Development Courses	Select 3 hours from the following link: CCC Social & Behavioral Sciences Courses	3 hour course from any General Ed category	Introduction to Information Technology	Microcomputer Applications	Operating Systems/ Windows	Customer Support	Database Concepts & Design
						15 hrs Advisor approved INFO electives	Visual Basic Programming	Interactive Programming with Alice	Systems Analysis & Design	Advanced Database	Advanced Visual Basic
							JAVA Programming	Small Business Accounting	Introduction to Business		