



**Program of Study**  
**Career Field: Communication and Information Systems**  
**Career Cluster: Information Technology**  
**Career Pathway: Information Support and Services**



**Western Nebraska Community College**

DEGREE:  
 Information Technology (AOS.1199)  
<http://www.wncc.net/programs/majors/INFO.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	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Entrepreneurship Desktop Publishing Digital Media Network Systems Web Design and Development	Information Technology App. I Information Technology App. II  <i>Plus 2 from the following:</i> Information Technology Fundamentals Database Design and Development Programming I	<i>School Activities:</i> Develop web pages, FBLA, Prepare school multimedia/video projects, SkillsUSA  <i>Community Activities:</i> Job shadow professionals, Create a community web site or promotional video, Volunteer in the community, Help individuals use a computer, Set up computers and install software			
	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						
<b>WNCC</b>		<b>COMMUNICATIONS</b>	<b>MATH</b>	<b>SCIENCE</b>	<b>SOCIAL SCI/HUMANITIES</b>	<b>DEGREE REQUIREMENTS</b>	<b>MAJOR COURSES</b>				
	13	Business Communications	Microcomputer Applications		Any ANTH, ECON, GEOG, HIST, POLS, PSYC, or SOCI Class	Business Ethics	Freshman Seminar	Operating Systems	Database (Access)	Networking Essentials	Principles of Accounting 1
		Human Communication	Introduction to Algebra				Systems Analysis and Design	Information Technology Capstone			
14				Any Science or General Education Elective	Career Development	Courses depend upon the Professional Skill Award Options. Multiple courses are available in each option. Must select three options from the following: Programming Option, Computer and Network Foundations Option, Desktop Support Technician Option, Network Administration (Microsoft) Option, Network Administration (Cisco) Option, Web Designs Option. Contact WNCC for more information.					