

CTLA Five Years At A Glance

Information Technology – Associate Degree in Technology

Certifications in Network Foundations, Network Specialist I & II, Operating Systems Foundations.

IT coursework prepares students for employment as supports for network infrastructure environments. Students will learn how to use technologies to provide reliable transmission and delivery of data, voice, image, and video communications in business, industry, and education.

High School Courses	Year 1	Year 2	Year 3	Year 4	Year 5
English	English I	English II	English III	English IV	
Math	Math I or <i>Math 2</i>	Math 2 or <i>Math 3</i>	Math 3 or <i>4th Math credit</i> (AFM or College math)	4 th Math (<i>if needed</i>) (AFM or College math)	
Sciences	Earth Science	Biology		Chemistry	
Social Studies	World History	Civics & Economics	American History I American History II		
Health/PE	H/PE				
Electives					Peer Tutoring
JCC College Courses	<u>Fall Semester:</u> None <u>Spring Semester:</u> CIS 110* Intro to Computers	<u>Fall Semester:</u> NOS 110 Operating Systems Concepts CTI 120 Network & Security Found <u>Spring Semester:</u> CTI 140 Visualization Concepts CTS 120 Hardware & Software Support	<u>Fall Semester:</u> CTS 115 Info Sys Business Concepts CTI 110 Web Prog & Db Found MAT 143* or 171* Quantitative Literacy OR Precalculus Algebra <u>Spring Semester:</u> ENG 111* Writing & Inquiry NET 125 Intro to Networks NOS 120 Linux/UNIX Single User SEC 110 Security Concepts	<u>Fall Semester:</u> ENG 112* Research NET 126 Routing Basics NOS 220 Linux/UNIX Administration I <u>Spring Semester:</u> PSY 150* General Psychology NOS 130 Windows Single User	<u>Fall Semester:</u> HUM 115* Critical Thinking NET 225 Routing & Switching I NOS 230 Windows Administration I *SPA 111 or ASL 111 <u>Spring Semester:</u> NOS 231 Windows Administration II NET 226 Routing & Switching II NET 289 Networking Project *SPA 112 or ASL 112
Total Credits	HS = 8 CC = 3	HS = 9 CC = 11	HS = 11 CC = 11	HS = 6 CC = 18	HS = 7 CC = 18

High School and College course sequences are subject to change based on teacher availability and scheduling. Please request a meeting with the School Counselor if you have questions about your specific pathway.