Information Technology Technician Certificate

This certificate provides students with the information necessary to obtain an entry-level career in the field of networking. Upon completion of this certificate, students will understand helpdesk concepts and responsibilities, hardware and software troubleshooting, and technical communication skill sets. The fundamentals of supporting end users and a Local Area Network (LAN) will be emphasized.

Total Units: 25-25.5

First Year

Semester 1

6-6.5 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
CISC 310 Ⓩ Introduction to Computer Information Science	3	Advisory: familiiar with basic functions of word process, spreadsheet, web browswer software applications	Check Class Schedule for offering
CISN 304 Networking Technologies **or**	3	Advisory: CISN 310	F(P), S(O)
CISN 341 Ⓩ CISCO Networking Academy (CCNA)tm: Networking Theory and Routing Technologies	3.5	Co-req: CISN 304	Check Class Schedule for offering

Ⓩ At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

Semester 2

6 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
CISN 300 Network Systems Administration	3	Advisory: CISC 310	S(O,P), Su(O)
CISN 301 Network Client Systems Administration	3	Co-req: CISC 323 & 356	S(P)

Year 2

Semester 3

10 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
CISC 360[1] Ⓩ Information & Communication Technology Essentials (A+)	4	Advisory: CISC 302 and 310	F(P), S(P)
CISS 310 Network Security Fundamentals	3	Advisory: CISN 300 & 304	Check Class Schedule for offering
3 units from List A	3	See List A	See List A

Ⓩ At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

[1] or CompTIA A+ certification

Semester 4

3 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
CISN 490 Networking Helpdesk Practicum	3	CISC 360, CISN 300 and CISN 304	Check Class Schedule for offering

^You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

*(O) = online available (P) = partially online

List A-a minimum of 3 units from the following:

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*
CISC 498 Ⓩ Work Experience in Computer Information Science - Core	0.5-4		F(O), S(O), Su(O)
CISN 303[1] Ⓩ Network Administration - Linux Server	3	CISN 300 & CISN 304	Check Class Schedule for offering
CISS 315 Ethical Hacking	3	Pre-req: CISS 310; Advisory: CISS 300	F(O), S(O), Su(O)

Ⓩ At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

[1] or CompTIA Linux+ certification

https://www.onetonline.org/link/summary/15-1152.00

About this map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan that is customized to meet your needs. This map is not a guarantee of course

availability or financial aid applicability.

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the Zero Textbook Costs page of the college website.