

First Year

Semester 1

9 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*
CISC 310 Introduction to Computer Information Science	3		
CISN 304 Networking Technologies	3		
CISP 300 Algorithm Design/Problem Solving	3		

Semester 2

7 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*
CISS 310 Network Security Fundamentals	3	CISN 304	
CISP 360 Introduction to Structured Programming	4		

*See computer science department if course is not offered for course substitutions.

Notes

Notes: This certificate allows students to acquire basic core Information Technology competencies that will prepare them for a career in Computer Networking, Cybersecurity, and related fields.

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.