Certificate in Information Technology (2015-2017)

The Information Technology Certificate (ITC) is a 15-19 credit program designed for students of any major who aspire to incorporate computer information technology in their specific field. A student will acquire a strong background in problem-solving techniques by completing two computer programming courses designed specifically for non-computer science majors.

* All courses require a grade of C or better.

Computer Literacy & Computer Programming (9-11 credit hours)

Course Title	Course Code	Typically Offered	Prerequisites
___ Intro. to Comp. & Their Use (3)	CSCI-C106[1]	Fall, Spring, Summer	None
___ Programming I (3-4)[2]	CSCI-A201 or CSCI-C201 or INFO-I210	Fall, Spring, Summer	None
___ Programming II (3-4)[2]	CSCI-A202 or CSCI-C202 or INFO-I211	Fall, Spring, Summer	Programming I

Computer Information Technology Electives (2 courses, 6-8 credit hours)[3,4]
Note: Students must choose at least 6 credit hours of additional Computer Science coursework selected from the following.

Course Title	Course Code	Typically Offered	Prerequisites
___ Computer Security (3)	CSCI-A121	Fall, Spring, Summer	P: None
___ Word Processing (3)	CSCI-A211	Fall, Spring, Summer	P: CSCI-C106
___ Spreadsheets (3)	CSCI-A212	Fall, Spring, Summer	P: CSCI-C106
___ Database Skills (3)	CSCI-A213 or CSCI-N211	Fall, Spring As Available	P: CSCI-C106 P: None
___ Networking Competency (3)	CSCI-A247	Summer Only	P: CSCI-C106
___ C/C++ Prog. for Sci. & Eng. (3)	CSCI-C105	Fall Only	P: None
___ Client-Side Web Programming (3)	CSCI-N341	Summer Only	P: Programming I
___ Server-Side Web Programming (3)	CSCI-N342	Summer Only	P: Programming I
___ Data Structures (4)	CSCI-C343[3]	Fall, Spring	P: CSCI-C202 & C251
___ Introduction to Informatics (4)	INFO-I101[4]	Fall, Spring, Some Summer	P: None

[1]Students with Microsoft Office and basic computer systems backgrounds may elect to test out of this course.
[2] Students who have an interest in a Computer Science or Informatics degree are highly encouraged to take C201/C202 or I210/I211.
[3] Students who have an interest in a Computer Science degree are highly encouraged to take C343.
[4] Students who have an interest in an Informatics degree are highly encouraged to take I101.