

## Computer Information Systems (C)

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**Certificate · Program Code: 162 · Credit Hours: 32-33 · Contact Hours: 38**

Dean: **James Cousino**      Faculty Contact: **Michael Malleis**

This program provides students with entry-level skills that can be applied to any position requiring computer knowledge. The program has been designed with an emphasis on developing the student's ability to use and apply computer languages and systems in business and industrial applications.

### Program Requirements: 32-33 Credit Hours

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- [CIS 100 - Introduction To Computers \(3 credit hours\)](#)
- [CIS 104 - Introduction To Programming Logic \(3 credit hours\)](#)
- [CIS 106 - Introduction to .NET Programming \(3 credit hours\)](#)
- [CIS 111 - Web Development I: HTML and CSS \(3 credit hours\)](#)
- [CIS 115 - C++ Programming I \(3 credit hours\)](#)
- [CIS 120 - Introduction To PC Operating Systems \(3 credit hours\)](#)
- [CIS 215 - Database Design And Management \(3 credit hours\)](#)
- [COM 170 - Interpersonal Communication \(3 credit hours\)](#)
- [IT 101 - Network+ \(3 credit hours\)](#)
- [IT 102 - Networking Essentials \(2 credit hours\)](#)
  
- [B 104 - Business Math \(3 credit hours\)](#) **or**
- [MATH 120 - Intermediate Algebra \(4 credit hours\)](#) **(or higher)**

### Suggested Sequence for Full-Time Students:

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#### Semester I (Fall)

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- [CIS 100 - Introduction To Computers \(3 credit hours\)](#)
- [CIS 104 - Introduction To Programming Logic \(3 credit hours\)](#)
- [IT 101 - Network+ \(3 credit hours\)](#)
- [IT 102 - Networking Essentials \(2 credit hours\)](#)

#### Semester II (Winter)

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- [CIS 111 - Web Development I: HTML and CSS \(3 credit hours\)](#)
- [CIS 115 - C++ Programming I \(3 credit hours\)](#)
- [CIS 215 - Database Design And Management \(3 credit hours\)](#)
  
- [B 104 - Business Math \(3 credit hours\)](#) **or**
- [MATH 120 - Intermediate Algebra \(4 credit hours\)](#) **(or higher)**

#### Semester III (Fall)

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- [CIS 106 - Introduction to .NET Programming \(3 credit hours\)](#)
  - [CIS 120 - Introduction To PC Operating Systems \(3 credit hours\)](#)
  - [COM 170 - Interpersonal Communication \(3 credit hours\)](#)
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