



## Minor in

## Computing and Information Technology

Department of Computer Science and Engineering  
College of Engineering and Computer Science

### Objective

The objective of the CIT minor is to satisfy the needs of the intelligent and responsible application of computing and information technologies to majors in fields which would not have Computer Science or Computing Engineering as their fundamental and exclusive basic orientation, but would want to benefit from the products of applications of the latter two disciplines and their proper use. The minor provides a conceptual foundation as well a practical application of various Computing and Information Technology skills.

### Admission requirements

Students must have a 2.5 GPA or higher, or receive special permission for admission by petition.

### Course Requirements

A minimum of 28 QH, in the following six areas is required to complete the minor. Specific course options are shown on the attached checksheet.

Area 1: A computer literacy requirement	4 hrs
Area 2: An introductory problem-solving sequence using computer programming	8 hrs
Area 3: An object-oriented applications programming component	4 hrs
Area 4: An introductory networking component	4 hrs
Area 5: An introductory client-server database component	4 hrs
Area 6: Elective	4 hrs

### Application Procedures

Students should complete the University form "Application for Entering a Dual Major/Double Degree Program or Adding a Minor" and return it to the Department of Computer Science and Engineering.

For more information on this minor call the Department of Computer Science and Engineering at (937)775-5131, or visit the Department in Room 303, Russ Engineering Center.

Department of Computer Science and Engineering  
 Computing and Information Technology  
 Minor

Student: \_\_\_\_\_

UID: \_\_\_\_\_

Major: \_\_\_\_\_

Total Hours Required: 28

Requirements:

Hours

Grade

1. Computer Literacy (4 hrs):

CS 205, Introduction to Computers & Office  
Productivity Software

4

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2. Introductory Programming (8 hrs)

CS 141, Computer Programming I

4

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CS 142, Computer Programming II

4

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OR

CS 208, Computer Programming for Business I

4

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CS 209, Computer Programming for Business II

4

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OR

CS 240, Computer Science I

4

\_\_\_\_\_

CS 241, Computer Science II

4

\_\_\_\_\_

3. Object Oriented Programming (4 hrs)

CS 214, Visual Basic Programming

4

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OR

CS 242, Computer Programming III

4

\_\_\_\_\_

4. Networking (4 hrs)

CEG 210, PC Networking I

4

\_\_\_\_\_

5. Client/Server Database (4 hrs)

CS 302, Introduction to Oracle/SQL Databases

4

\_\_\_\_\_

6. Elective (4 hrs)

CS 206 (4 hrs), Computer Software Productivity Tools II

4

\_\_\_\_\_

OR

CEG 211 (4 hrs), PC Networking II

4

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Program Approved by:

Advisor: \_\_\_\_\_

Date: \_\_\_\_\_