

## **Minor in Computing and Information Technology**

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

(Minor number 448)

### **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 five areas is required to complete the minor. Specific course options are shown on the attached checksheet.

Area 1: A computer literacy requirement – 8 quarter hours

Area 2: An introductory problem-solving sequence using computer programming – 8 quarter hours

Area 3: An object-oriented applications programming component – 4 quarter hours

Area 4: An introductory networking component – 4 quarter hours

Area 5: An introductory client-server database component – 4 quarter hours

### **Application Procedures**

Students should complete the University form “application for Entering a Dual Major/Double Degree Program or Adding a Minor” and send 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: \_\_\_\_\_ Major: \_\_\_\_\_

Total Hours Required: 27

Requirements:	Hours	Grade
1. Computer Literacy (8 hours) choose 2 of the following:		
CS 205, Computer Literacy and Office Automation I	4	_____
CS 206, Computer Software and Productivity Tools	4	_____
CS 207, Advanced Office Productivity II	4	_____
2. Introductory Programming (8 hours)		
CS 141, Computer Programming I	4	_____
CS 241, Computer Programming II	4	_____
OR		
CS 208, Computer Programming for Business with C - I	4	_____
CS 209, Computer Programming for Business with C - II	4	_____
OR		
CS 240, Computer Science I	4	_____
CS 241, Computer Science II	4	_____
3. Object Oriented Programming (4 hours)		
CS 214, Object Based Programming	4	_____
OR		
CS 242, Computer Science III	4	_____
4. Networking (4 hours)		
CEG 210, Introduction to PC Networking	4	_____
5. Client/Server Database (4 hours)		
CS 302, Introduction to Client Server Database	4	_____

Program Approved by:

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

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