

The University of Findlay - **Computer Science Major** – Unofficial Graduation Worksheet  
**Computer Systems Emphasis - Effective Fall, 2005**

Student: \_\_\_\_\_ ID: \_\_\_\_\_ Advisor: \_\_\_\_\_  
 Anticipated Graduation Session: \_\_\_\_\_

| <b>Computer Science Major – Core Courses (32 hrs.)</b> |                 |        |                             |       |       |
|--|-----------------|--------|-----------------------------|-------|-------|
| <b>Computer Science:</b>                               | <b>CSCI 190</b> | 3 hrs. | Computer Science I          | _____ | _____ |
|  | <b>CSCI 191</b> | 4 hrs. | Computer Science II         | _____ | _____ |
|  | <b>CSCI 193</b> | 1 hr.  | Introduction to Unix        | _____ | _____ |
|  | <b>CSCI 240</b> | 4 hrs. | Computer Software Design I  | _____ | _____ |
|  | <b>CSCI 241</b> | 3 hrs. | Computer Software Design II | _____ | _____ |
|  | <b>CSCI 325</b> | 3 hrs. | Operating Systems           | _____ | _____ |
|  | <b>CSCI 345</b> | 4 hrs. | Data Communications         | _____ | _____ |
|  | <b>CSCI 355</b> | 3 hrs. | Computer Organization       | _____ | _____ |
|  | <b>CSCI 360</b> | 3 hrs. | Data Structures             | _____ | _____ |
|  | <b>CSCI 480</b> | 4 hrs. | Software Engineering        | _____ | _____ |

| <b>Computer Systems Emphasis (24 hrs.)</b> |  |        |                                    |             |       |
|--|--|--------|------------------------------------|-------------|-------|
| <b>Computer Science:</b>                   | <b>CSCI 270</b>  | 3 hrs. | Web Page Development I             | _____       | _____ |
|  | <b>CSCI 300</b>  | 3 hrs. | Discrete Structures                | _____       | _____ |
|  | <b>CSCI 350</b>  | 3 hrs. | Microcomputer Assembly Lang. Prog. | _____       | _____ |
|  | <b>CSCI 445</b>  | 3 hrs. | Computer Networking                | _____       | _____ |
|  | <b>CSCI 460</b>  | 3 hrs. | Computer Systems Management        | _____       | _____ |
|  | <b>CSCI 490</b>  | 3 hrs. | Database Management Systems I      | _____       | _____ |
|  | Two from the following: CSCI 305, 330, 373, 374,<br>375, 470, 475, 497, 498 (only one can be 497 or 498) |        |                                    | <b>CSCI</b> | _____ |
|  |  |        | <b>CSCI</b>                        | _____       | _____ |

| <b>Computer Science Area Competencies (6 hrs.)</b> |                 |        |                                  |       |       |
|--|-----------------|--------|----------------------------------|-------|-------|
| <b>Philosophy:</b>                                 | <b>PHIL 224</b> | 3 hrs. | Ethics and Technology            | _____ | _____ |
| <b>Writing:</b>                                    | <b>ENGL 272</b> | 3 hrs. | Intro to Technical Communication | _____ | _____ |

| <b>Major Competencies (6-8 hrs.)</b> |              |                 |             |                             |       |       |
|--------------------------------------|--------------|-----------------|-------------|-----------------------------|-------|-------|
| <b>Math:</b>                         | <b>&amp;</b> | <b>MATH 132</b> | 3 hrs.      | Fundamentals of Calculus I  | _____ | _____ |
|                                      |              | <b>MATH 133</b> | 3 hrs.      | Fundamentals of Calculus II | _____ | _____ |
|                                      | <b>OR</b>    |                 |             |                             |       |       |
|                                      | <b>&amp;</b> | <b>MATH 141</b> | 4 hrs.      | Calculus I                  | _____ | _____ |
| <b>MATH 142</b>                      |              | 4 hrs.          | Calculus II | (highly recommended)        | _____ | _____ |