**CSCE 150EFL (Fortran Lab)**

**Spring 2010**

Instructor

Ross Nelson

[rnelson@cse.unl.edu](mailto:rnelson@cse.unl.edu)

<http://cse.unl.edu/~rnelson>

Office Hours

Avery 13 (Student Resource Center)

Monday 10:00-11:00

Wednesday 10:00-11:00

Course Objective

The Fortran lab will give students additional experience writing Fortran programs, focusing on small objectives at a time.

Course Outline

The following outline is based on what has been done in the past. It may change, depending on speed and content covered in lecture.

|  |  |  |
| --- | --- | --- |
| **Week** | **Date** | **Topic** |
| 1 | January 12 | Introduction, “Hello, World” |
| 2 | January 19 | Assignment statements, arithmetic, intrinsic functions, branching |
| 3 | January 26 | Looping |
| 4 | February 2 | Formatting |
| 5 | February 9 | File I/O |
| 6 | February 16 | Arrays |
| 7 | February 23 | Subroutines, modules |
| 8 | March 2 | Strings |
| 9 | March 9 | Derived Data Types, pointers |
| 10 | March 23 | Abstract Data Types |
| 11 | March 30 | Abstract Data Types (cont) |
| 12 | April 6 | Debugging |
| 13 | April 13 | ? |
| 14 | April 20 | C |
| 15 | April 27 | ? |

Grading Policy

The following grading scale will be used:

|  |  |
| --- | --- |
| Percentage | Letter Grade |
| 97 and up | A+ |
| 94.0 – 96.99 | A |
| 90.0 – 93.99 | A- |
| 87.0 – 89.99 | B+ |
| 84.0 – 86.99 | B |
| 80.0 – 83.99 | B- |
| 77.0 – 79.99 | C+ |
| 74.0 – 76.99 | C |
| 70.0 – 73.99 | C- |
| 67.0 – 69.99 | D+ |
| 64.0 – 66.99 | D |
| 60.0 – 63.99 | D- |
| Under 60 | F |

All lab assignments must be completed by 11:59 PM the Friday after they are assigned unless otherwise specified. Late submissions may be penalized.

Assignments will be submitted through the departmental *Handin* system

Handin: <http://cse.unl.edu/~handin/>

Attendance

Attendance will not affect your grade. Students are expected to learn the material presented and complete lab assignments on time.

Disability Services

UNL policy, in accordance with the Americans with Disabilities Act, will work with students to meet their needs. In order to receive accommodation, students must be registered with Services for Students with Disabilities (SSD). SSD is located in the Canfield Administration building, room 132 and is available by phone and TTY at 402-472-3787.

Academic Integrity

All students taking courses within the Department of Computer Science & Engineering are expected to abide by UNL’s Student Code of Conduct and the department’s academic integrity policy.

OUS Academic Integrity: <http://www.unl.edu/ous/academic_tips/integrity.shtml>

CSE Academic Integrity: <http://cse.unl.edu/ugrad/academic_integrity.php>