Teacher Appointment Criteria

Computer Science CS160 – Introduction to Computer Science I

Statement of Intent

This document is intended to be a planning and advising resource for the approved instructor and the IPFW Computer Science Department Representative who mentors and supervises the instructor.

This course is designed to teach the fundamental concepts and techniques of Computer Science. Students learn to program using the object-oriented language Java. They learn how to translate a problem into a program description, how to write and test a program to implement their description, to develop a professional programming style at an elementary level. Explicit topics include primitive and reference data types, control structures, objects, class structure and interaction, and arrays of one dimension. By the end of the semester, students will begin to apply object-oriented approach to create real-world projects using Java.

Requirements

1. Any instructor who teaches this course must first be certified by the Department of Computer Science by meeting the qualifications as established by the department; specifically, an instructor must possess
   • At least a Masters-level degree in computer science or related degree, or a Baccalaureate-level degree in computer science with a Master’s-level degree in another area and 18 graduate level credit hours completed in Computer Science.
   • At least three (3) years experience teaching computer classes at the high school level or higher
   • A demonstrated commitment to continuing education in technology (continuing academic work, attendance at seminars, meetings, workshops, and the like, which have a focus on computer science and/or the teaching of computer science).

2. The instructor is expected to develop a syllabus that reflects the objectives and goals of the above description of the class. A syllabus will be submitted to the IPFW Department of Computer Science prior to the class, stating objectives and the types and number of assignments due.

The following signatories agree to abide by the terms of this agreement:

________________________________________  __________________________
Instructor Signature                       Date

________________________________________  __________________________
Principal Signature                        Date