Teacher Appointment Criteria
Computer Science CS 114 – Introduction to Visual BASIC

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 provides an introduction to programming using the Visual Basic language and its integrated development environment. Topics to be covered include the syntax and structure of the VB language; controls, dialog boxes, and other interface tools; menu design; multiple forms; error-trapping; and arrays. Other topics that may be covered include object linking and embedding (OLE), VB for applications, database development using record sets and databound controls, data handling, grids, validation and election, drag and drop, graphics, and new revisions for interoperability with other languages.

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 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.