Teacher Appointment Criteria
Computer Science CS114 – 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; and 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 Master’s degree in computer science or related field, or at least a Master’s degree in another area and 18 graduate-level credit hours in computer science or related field, or at least a Master’s degree in another area and meeting the Department’s Tested Experience Guidelines.
     - Instructors not meeting the minimum education requirements may be approved to teach dual credit courses if they develop and execute a plan to meet these guidelines by September 2022.
   - At least three (3) years’ experience teaching STEM-related classes at the high school level or higher.
     - Instructors not meeting the minimum teaching experience may be approved to teach dual credit courses if they complete a teaching prep course or seminar offered by the Computer Science department.
   - 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:

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<td>Principal Signature</td>
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