I. Course Title: Professional Practice

II. Course Prefix/Number: CSCI 275

III. Credit Hours: 1.0

IV. Prerequisite(s): ((CSCI 245 minimum grade C-) OR (CSCI 215 and CSCI 216 with a minimum grade C-)) AND (Instructor approval of professional work experience plan)

V. Catalog Description:

Involves work as a computer technician at a business or non-profit as well as studying for and taking an approved professional certification. Professional work experience must be documented and approved prior to enrollment in the course.

VI. Curricular Relationships:

This course is required of students obtaining an Associate of Science degree in Internet Computing and Security.

VII. Student Learning Outcomes:

- Students will demonstrate comprehensive knowledge in the areas of internet programming, networking and computer security through taking a professional certification exam covering these areas and receiving an appropriate score for a two-year course of study.

- Students will have practical knowledge of internet programming, networking, and/or computer security through professional employment at a business or non-profit agency.

VIII. Content Outline:

This course involves independent study on the part of the student as well as a commitment to completing an applied project.

IX. Course Procedures/Policies/Grading Scale:

- Students must take a professional certification exam such as TIAA’s Security+ certification. The student’s score on the certification exam will determine half the student’s grade in the class.
• Students must complete an internship at a business or non-profit agency in the areas of internet programming, networking, or computer security. The student will deliver a half-hour presentation showcasing the deliverables produced from the internship. Half of the student’s grade in the class will be based on the presentation, the completed deliverables, and feedback from the student’s employer.

X. Required/Recommended Readings:

Students may benefit from a certification study guide that reviews material covered in previous courses. Sample study guides include:


XI. Issues Unique to Course: None

XII. Additional Departmental Issues: None