CS 121 or CIS 121

**Proposed course title**

Intro to Information Systems and Programming

**Proposed course description**

Covers evaluation, selection and application of computer technology to solve practical problems in web page design, database design, networking and programming. Addresses security and ethical issues associated with technology.

**Proposed course outcomes (3-5 outcomes)**

* On completion of the course, students will be able to apply logic, business rules, and entity relationship diagrams to design databases.
* On completion of the course, students will be able to create web sites using current HTML and CSS standards.
* On completion of the course, students will be able to design a basic home wireless network and business network while utilizing current wireless security.
* On completion of the course, students will be able to solve simple quantitative and qualitative problems using computer programming.
* On completion of the course, students will be able to install and manage operating systems and applications.
* On completion of the course, students will be able to weigh security issues related to technology including viruses and spyware.
* On completion of the course, students will be able to identify ethical issues relating to the IT professional.