COMPUTER SCIENCE TECHNOLOGY (CSTE)

CSTE 1330. Introduction To Computers. 3 Hours.
This is a computer literacy course. Basic computing concepts are presented. Assignments provide a hands-on experience in using microcomputer applications. Multimedia and the Internet are introduced. May not be taken for credit toward a CS major or minor. This course may be taken as a classroom based course or as an Independent Study/Internet course.

CSTE 1331. Visual Computing. 3 Hours.
This course is an introduction to programming using the visual paradigm, aimed at students with little or no background in programming. The core notions of problem solving through programming are introduced, following an object-oriented approach to visual programming.

CSTE 2330. Multimedia Technologies. 3 Hours.
TThis course examines the use of modern multimedia tools in the production foof professional communication materials. The course specifically examines multi-platform image, sound and video editing tools, CD/DVD, wiki and podcast production tools as well as supporting web-publishing tools and scripting techniques for the purpose of enriching the professional communication environment. May not be taken for credit toward a COSC major or minor.

CSTE 3330. Web Technologies. 3 Hours.
This course explores the concepts and techniques associated with the development of modern dynamic Web sites. Topics covered include web design fundamentals, modern web development tools, style sheets, markup languages, accessibility, session management, interactive communication and security. The course also examines a number of Web 2.0 technologies that support blog, wiki and social networking applications.
Prerequisite: CSTE 2330.

CSTE 4330. Web Server Technologies. 3 Hours.
This course explores web server technologies associated with the server components, web scripts, web forms, and dynamic interactive features.
Prerequisite: CSTE 3330.