

CGS-COMPUTER GENERAL STUDIES

CGS 1000 Introduction to Information Technology (3 Credits)

This course presents an overview of information technologies, identifies and discusses the fundamental principles underlying these technologies, and examines how these technologies are applied to many areas of our society, including government and industry. Real-world examples and state-of-the-art technologies will be used to cover issues faced by today's IT professionals including security, legal and ethical issues and the consideration of the environmental impact of technology. Additional topics such as the exploration of IT careers and certifications and the past, present and future of information technology in the globalization of our world will also be covered.

CGS 1100 Business Computer Applications (3 Credits)

This course develops professional skills in the use of microcomputer business software. Students will survey and use application programs including word processing, spreadsheets, databases, presentation software and web browsers. Additional activities will include the understanding of basic computer concepts, how to use computers in today's business and academic world and how to access information on the World Wide Web.

CGS 1105 Fundamentals of Project Management (3 Credits)

This course is an overview of project management and team-oriented concepts; including task organization, allocation of time, scheduling, organizational process analysis and management, and the utilization of project management software. This program will incorporate computer applications in a business environment.

CGS 1820 Web Programming (3 Credits)

This hands-on class presents the basics of Web programming using HTML, CSS, DHTML and JavaScript. Students create Web pages with graphics, text, cascading style sheets and scripts. Finally, students will create Web pages with multimedia content including sound and video.