INFORMATION TECHNOLOGY/DIGITAL ENTERPRISE

Mission Statement

The Department of Computer Science is aligned with the University mission and is dedicated to creation, transmission, application and preservation of knowledge. The Department of Computer Science oversees the Bachelor of Science in Information Technology/Digital Enterprise (IT/DE). This program strives to provide quality undergraduate education in IT/DE to contribute to the community, region and profession through research and service.

Student Learning Outcomes

UWF IT/DE graduates should be able to do the following:

Content
- Identify and use the concepts, principles, and theories of modern programming languages
- Employ techniques central to analysis of problems in digital enterprise
- Effectively use digital enterprise frameworks (concepts, principles, theories) to explain computer facts, practices, and trends
- Select, configure and manage database products
- Select, install and manage computer networks

Critical Thinking
- Apply scientific methods to solve problems in digital enterprise
- Research and make use of emerging technologies in the field of digital enterprise
- Select and conduct appropriate statistical analyses of data from the field of digital enterprise

Communication
- Employ terminology from digital enterprise accurately
- Demonstrate effective technical and/or business writing skills
- Communicate information from digital enterprise in oral form employing appropriate terminology
- Read digital enterprise literature discriminately and with comprehension
Integrity/Values
- Describe and adhere to professional ethical principles in digital enterprise

Project Management
- Design and execute a project that incorporates a reasonable time line to address problems in digital enterprise
- Collaborate effectively with others on team projects

Assessment of Student Learning Outcomes
Students from the IT/DE program will be able to demonstrate specific skills in modern programming languages and demonstrate the use of different digital enterprise frameworks. Upper level courses will give them the opportunity to identify and reflect the best project management skill sets through the completion of assignments that meet departmental standards and integrate what they have learned. Opportunities to showcase their work will be available as their study progresses, and these include the opportunity to participate in undergraduate research projects with faculty, or to present the results of their work at UWF or external events.

Jobs Prospects for Graduates of IT/DE
IT/DE graduates work in a variety of settings following their undergraduate work. They can enter the job force and work in academia, industry and government.

Some examples of career paths for IT/DE graduates include:
Internet Commerce technology analyst
IT manager
Systems Designer
Web architect

Find Out More about IT/DE:
http://uwf.edu/cse/departments/computer-science/