INFORMATION TECHNOLOGY/INFORMATION TECHNOLOGY

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/Information Technology(IT/IT), intended to provide a core foundation in the skills most commonly required in an IT career. This program strives to provide quality undergraduate education in IT to contribute to the community, region and profession through research and service.

Student Learning Outcomes

UWF IT/IT 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 the analysis of problems in the IT field
- Effectively use IT 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 IT
- Research and make use of emerging technologies in the IT field
- Select and conduct appropriate statistical analyses of data from the IT field

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

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

**Assessment of Student Learning Outcomes**

Students from the IT/IT program will be able to demonstrate specific skills in modern programming languages and demonstrate the use of different IT 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. 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/IT**

IT/IT graduates will work in a variety of settings following their undergraduate work. They can enter the job force and work in academia, industry, government or healthcare settings.

Some examples of career paths for IT/IT graduates include:
- Database Analyst
- Network Engineer
- IT manager
- Systems Designer
- Web architect

**Find Out More about IT/IT:**
[http://uwf.edu/cse/departments/computer-science/](http://uwf.edu/cse/departments/computer-science/)