

Internship - Computer Programming/Programmer, General

Class

ITSE 2286

A work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer.

Required Textbooks

None

Evaluation Standards

- Submit completed affiliation agreement within two weeks of beginning internship
- Maintain weekly contact with instructor, electronic or in person
- Complete Weatherford College Degree Plan
- Complete Graduation petition
- Submit completed work journal validating completion of objectives and hours

Attendance:

Attendance in this course is required. The student must complete the hours required above.

This course is graded on a pass/fail basis. Passing requires completion of the required number of hours in the workplace.

Disabilities

ADA Statement:

Any student with a documented disability (e.g. learning, psychiatric, vision, hearing, etc.) may contact the Office on the Weatherford College Weatherford Campus to request reasonable accommodations. *Phone:* 817-598-6350 *Office Location:* Office Number 118 in the Student Services Building, upper floor. *Physical Address:* Weatherford College 225 College Park Drive Weatherford, TX.

Academic Integrity

Academic Integrity is fundamental to the educational mission of Weatherford College, and the College expects its students to maintain high standards of personal and scholarly conduct. Academic dishonesty of any kind will not be tolerated. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials including unauthorized use of Generative AI. Departments may adopt discipline specific guidelines on Generative AI usage approved by the instructional dean. Any student who is demonstrated to have engaged in any of these activities will be subject to immediate disciplinary action in accordance with institutional procedures.

Program Learning Outcomes

Web Development Certificate:

- Students will use industry-standard software packages to create multimedia web presentations that work on any computer
- Students will integrate databases into projects
- Students will create dynamic web environments that change at the direction of the end user

Database Programming Certificate:

- Students work with desktop database programs
- Students work with client-server applications

- Students solve business computer problems through programming techniques and procedures using appropriate languages and software

SCANS

The Secretary's Commission on Achieving Necessary Skills (SCANS) identified competencies in the area of Resources, Interpersonal, Information, Systems, and Technology; and foundation skills in the areas of Basic Skills and Personal Qualities.

WORKPLACE COMPETENCIES – Effective workers can productively use:

- Resources – They know how to allocate (C1) time, (C2) money, (C3) materials, and (C4) staff
- Information – They can (C5) acquire and evaluate data, (C6) organize, and maintain files, (C7) interpret and communicate, and (C8) use computers to process information.
- Interpersonal Skills – They can work on (C9) teams, (C10) teach others, (C11) serve customers, (C12) lead, (C13) negotiate, and (C14) work well with people from culturally diverse backgrounds.
- Systems – They (C15) understand social, organizational, and technological systems; (C16) they can monitor and correct performance; and (C17) they can design or improve systems.
- Technology – They can (C18) select equipment and tools, (C19) apply technology to specific tasks, and (C20) maintain and troubleshoot equipment.

FOUNDATION SKILLS – Competent workers in the high-performance workplace need:

- Basic Skills – (F1) reading, (F2) writing, (F3) arithmetic and (F4) mathematics, (F5) listening and (F6) speaking.
- Thinking Skills – (F7) to think creatively, (F8) to make decisions, (F9) to solve problems, (F10) to visualize, (F11) the ability to learn, and (F12) to reason.
- Personal Qualities – (F13) individual responsibility, (F14) self-esteem, (F15) sociability, (F16) self-management, and (F17) integrity

Lab Fee

None