

Computer Web Development Associate of Applied Science

Texas Southmost College
Science, Technology, Engineering & Mathematics Division

The Associate of Applied Sciences in Computer Web Development prepares professionals in the area of Internet page design and systems development for the World Wide Web (WWW). Areas of application include Internet commerce, web server support and maintenance, web design and web programming. Employment opportunities include computer web developer, web designer and Internet commerce specialist.

| FIRST YEAR - FALL SEMESTER | CREDIT HOURS |
|---|---------------------|
| COSC 1301 ⁺ Introduction to Computing | 3 |
| IMED 1416 ⁺ Web Design I | 4 |
| ITNW 2459 ⁺ Web Server Support and Maintenance..... | 4 |
| ITSE 1411 ⁺ Beginning Web Programming | 4 |
| FIRST YEAR - SPRING SEMESTER | |
| ITNW 2405 ⁺ Network Administration..... | 4 |
| ITSE 2409 ⁺ Database Programming | 4 |
| IMED 2415 ⁺ Web Design II..... | 4 |
| INEW 2434 ⁺ Advanced Web Programming | 4 |
| SECOND YEAR - FALL SEMESTER | |
| COSC 1336 ⁺ Programming Fundamentals I..... | 3 |
| MATH 1314 ⁺ College Algebra | 3 |
| ENGL 1301 ⁺ Composition I | 3 |
| SPCH 1315 Public Speaking | 3 |
| XXXX X3XX ¹ Language, Philosophy and Culture/Creative Arts Elective | 3 |
| SECOND YEAR - SPRING SEMESTER | |
| COSC 1337 ⁺ Programming Fundamentals II..... | 3 |
| POFI 2431 ⁺ Desktop Publishing | 4 |
| IMED 2409 ⁺ Internet Commerce | 4 |
| XXXX X3XX ² Social and Behavioral Sciences Elective | 3 |
| TOTAL CREDIT HOURS FOR GRADUATION - 60 | |

⁺ Grade of "C" or better is required for graduation.

¹ Language, Philosophy & Culture/Creative Arts Electives: Any General Education Core course that meets these categories

² Social and Behavioral Sciences Electives: Any General Education Core course that meets this category.

Upon completion of the required courses for the Associate of Applied Science in Computer Web Development and during the final semester of course work, students will be required to take a final comprehensive Exit Exam.

TSI Requirement (Texas Success Initiative - any other state-approved test) - Student must pass all three sections of state-approved test to graduate with this degree.