

Dynamic Website Development

CIS-241 30C AO

Summer Term 2019-2020 School Year Section 30C AO 3.00 Credits 05/18/2020 to 07/24/2020 Modified 05/11/2020

Meeting Times and Location

ONLINE

Contact Information

Instructor: Huda Judeh

Email: huda.judeh@southeasttech.edu

Course Description

This course addresses the high level of integration of graphics, programming, and dynamic data/information supplied by database management systems (DBMS). The coursework includes discussion and integration of graphics, still images, client and server side scripting languages and data supplied by a DBMS. A PHP/MySQL based electronic portfolio will be developed by each individual student during the course and posted to the Internet to provide potential employers with the student's resume, CIS Programming syllabi and samples of the student's computer programming work in HTML, CSS, JavaScript, PHP, MySQL, C# and Java.

Outcomes

Course Outcomes

- Assemble static elements including text, graphics, and pictures into professional appearing web sites
- Develop, test & debug client side JavaScript programs & AJAX/AJAJ client-server programs
- Create, test & debug server side PHP programs
- Use MySQL Database Management System to create database tables for use with Internet applications
- Design attractive, dynamic web sites which integrate Internet applications and databases
- Publish unique websites including static, dynamic and database elements to a remote web server

Key Course Assessments

Exams- Four exams will be given after major topics. Exams will consist of open book performance tests including coding, documenting and debugging static & dynamic websites.

Lab Assignments - Lab Exercises- Students will be assigned lab exercises related to topics covered in the course and the tests will be based on the material covered by the lab exercises, so it is important that each student completes all the exercises.

Lab Assignments - Personal Electronic Portfolio- Each student will be required to create a personal electronic portfolio website and post their portfolios as individual exercises to an Internet accessible web host. The website must meet certain minimum requirements which will be provided by the instructor.

Course Materials

PHP and MySQL

Author: Joel Murach & Ray Harris

Publisher: Mike Murach & Associates, Inc

Edition: 3rd Edition

ISBN: 978-1-943872-38-1

Availability: Both physical text and eBook on the bookstore website: <https://bookstore.southeasttech.com/>

Prerequisites

CIS130 - CIS195

✓ Evaluation Procedures and Grading

Criteria

Assessment

Type	Weight	Topic	Notes
Exams	55%		
Lab Assignments- Lab Exercises	30%		
Lab Assignments -Personal Electronic Portfolio	15%		

Breakdown

Grading

Grade	Range	Notes
A	90-100	
B	80-89.99	
C	70-79.99	
D	60-69.99	
F	0-59.99	

* Course Expectations

Makeup Expectations

Exams: Make-up exams are not available unless mutually agreed to and scheduled BEFORE the related test date.

Lab Exercises: Due dates will be set by the instructor and all lab exercises must be submitted / posted to an Internet accessible web host on or before their due date unless an arrangement prior to the due date is mutually agreed to by the student and the instructor.

Personal Electronic Portfolio: Due dates will be set by the instructor and all portfolio exercises must be submitted on or before their due date unless an arrangement prior to the due date is mutually agreed to by the student and the instructor.

Course Outline

When	Topic	Notes
Week1-Week4	Unit 1- Intro to Web Development with PHP	
Week5-Week7	Unit 2- Dynamic Website Development using PHP	
Week8-Week9	Unit3- Database Driven Website Development using PHP-MySQL	
Week10	Unit4- MVC Framework, Functions and Uploads	

Institutional Policies

Attendance

Administrative Withdraw for Non-Attendance

Students are expected to attend all sessions of courses for which they are enrolled. Absences do not excuse the student from meeting course requirements. Each instructor will evaluate the student's progress to determine how to handle outstanding assignments and assessments. Students who have a record of zero attendance for fourteen (14) calendar days will be administratively withdrawn from the course(s) the absence is occurring, resulting in a grade of "W" for the course. Students who receive financial aid may have their financial aid status affected. More information is located in the [Southeast Tech Catalog \(http://catalog.southeasttech.edu/\)](http://catalog.southeasttech.edu/):

Student Learning Outcomes

Student success is important to Southeast Tech faculty, and all faculty are involved in assessing student learning. Upon completion of an Associate in Applied Science degree, Southeast students will have competence in the following four common learning outcomes:

Technology: Students will be able to explain industry-relevant concepts (knowledge) and demonstrate industry-relevant technical skills (performance).

Communication: Students will be able to define the purpose of the communication; organize and structure the communication; provide supporting material; demonstrate precision of language; and professionally deliver and format the communication.

Problem Solving & Critical Thinking: Students will be able to define the problem; analyze the problem; generate solutions; evaluate solutions; and select the best solution.

Professionalism: Students will be able to demonstrate positive work ethic; collaborate as part of a team; adapt to change; adhere to professional standards; and model integrity and ethics.

Student Conduct, Cheating and Plagiarism

Students attending Southeast Technical College are expected to comply with all pertinent state laws and take personal responsibility for their conduct.

Southeast policies authorize the Vice President of Academic Affairs to suspend or terminate any student from the college for misconduct as outlined in the rules of this policy. The following student misconduct shall constitute grounds for student discipline, suspension, or termination when such activity occurs on school grounds, in the online course environment or during an educational function under the auspices of the school board: acts of dishonesty, including cheating and plagiarism or other forms of dishonesty relating to academic achievement.

Test Proctoring

The Southeast Testing Center offers test proctoring located in the Wood Center Building, Room 103. Parking is located just north of the building. Online instructors will communicate details regarding required test proctoring and how to sign up to take these assessments. Contact the Testing Center at 605.367.6014 or email testing@southeasttech.edu for more information.

Safety

Violation of safety to self and others and/or violations of safe operating practices of equipment may result in the reduction or loss of a daily grade; removal from class and/or other disciplinary action.

Disability Services

Students with documented disabilities may be eligible for certain classroom accommodations. Disabilities may include hearing, visual, physical, psychological and learning impairments. Accommodations may include additional testing time, private testing rooms, readers, note takers, interpreters, and taped/digital texts. Students must provide the Disability Services Coordinator with recent written documentation of a disability before qualifying for services. Contact the Disability Services Coordinator at 605.367.4450 for more information.

ADA Statement

The instructor in this course will act with integrity and strive to engage in equitable verbal and nonverbal behavior with respect to differences from age, gender, race, handicapping conditions, and religion. Students with special needs as addressed by the Americans with Disabilities Act that need course materials in alternative formats should notify instructor immediately. Reasonable efforts will be made to accommodate those special needs.

Notice of Nondiscriminatory Policy

Southeast Tech does not discriminate on the basis of race, color, creed, religion, age, gender (including pregnancy), sexual orientation, disability, national origin or ancestry, military/veteran status, genetic information, or any other category protected by law in its educational programs, admissions policies, employment policies, financial aid, or other institute-administered programs. Inquiries regarding this policy may be directed to:

Executive Director of Student Affairs and Institutional Effectiveness
2205 N Career Ave, Sioux Falls, SD 57107
(phone: 605.367.7487)
email: Tracy.Noldner@southeasttech.edu

or to the

Kansas City Office
Office of Civil Rights
U.S. Department of Education
One Petticoat Lane
1010 Walnut Street, 3rd Floor, Suite 320
Kansas City, MO 64106

Telephone: 816-268-0550
FAX: 816-268-0599 TDD: 800-877-8339
email: OCR.KansasCity@ed.gov

Title IX/Sexual Misconduct/Sexual Assault/Sexual Offense

Southeast Tech is committed to providing a learning and working environment free of unlawful harassment based on an individual's race, color, religion, creed, ancestry, national origin, gender, sexual orientation, disability, age, protected military/veteran status, genetic information or any other basis protected by law.

Part of the institute's goal and responsibilities is to provide training for employees and students regarding how to respond to and report sexual misconduct/harassment concerns, how to intervene, and how to maintain a working and learning environment that is positive and respectful.

All reports of sexual misconduct, harassment or discrimination at Southeast Tech are investigated with the goal of eliminating the concern, preventing its recurrence, and addressing its effects. See Student/Complaint Process and Harassment for more information.

Southeast Tech has designated the Executive Director of Student Affairs and Institutional Effectiveness, Tracy Noldner, located in the Technology Center Room 100, as the Title IX coordinator. Concerns may be reported directly to this individual in person, by calling 605-367-7487, or by emailing tracy.noldner@southeasttech.edu. Individuals with immediate concerns should call campus security at 605-941-9003.

The following are additional resources regarding Title IX, sexual misconduct, harassment and discrimination:

- [Sexual Assault Awareness, Prevention & Reporting \(http://catalog.southeasttech.edu/content.php?catoid=23&navoid=15183\)](http://catalog.southeasttech.edu/content.php?catoid=23&navoid=15183)
- [Title IX and Sex Discrimination \(U.S. Department of Education\) \(http://www2.ed.gov/about/offices/list/ocr/docs/tix_dis.html\)](http://www2.ed.gov/about/offices/list/ocr/docs/tix_dis.html)
- [Know Your IX \(http://knowyourix.org/\)](http://knowyourix.org/)
- [Sioux Falls Helpline Center \(http://helplinecenter.org/\)](http://helplinecenter.org/)

Student Right-to-Know/Campus Security Act

Southeast Tech is required under Public Law 101-542 to encourage students to report all crimes (murder, rape, forcible or non-forcible sex offenses, robbery, aggravated assault, burglary, motor vehicle and other thefts or crimes) which occur on the Southeast Tech Campus to the local law enforcement offices and to the Southeast Tech Student Success Center or campus security. The Southeast Tech Campus is policed by the Sioux Falls Police Department and Minnehaha County Sheriff's Department. Southeast Tech's security officers are contracted through the Minnehaha County Sheriff's Department or independent security.

Access to the Southeast Tech campus facilities is authorized through the President's Office. Building keys are issued to staff as needed. All staff are authorized to call the appropriate authorities in case of an emergency. All buildings shall be locked and unlocked by Southeast Tech employees. Southeast Tech employees must be present when buildings are open. Unless other arrangements have been made, Southeast Tech buildings will open at approximately 7:00 am during weekdays and will close Monday through Thursday at approximately 10:00 pm. On Friday, the buildings will close at approximately 5:00 pm. All buildings remain locked after hours and throughout the weekend unless prior arrangements have been made.

Southeast Tech provides students and staff with educational programs/information established to prevent the occurrence of all crimes (including sex offenses) on campus and procedures to be followed, if such crimes occur. These programs/information are provided during campus events, within courses, or through media such as brochures, websites, the Catalog, etc. In addition, Southeast Tech provides a full-time day security officer and part-time evening security coverage.

In the event a student believes that a crime (including all types of sexual misconduct) has occurred, the student should contact local law enforcement authorities and notify a Southeast Tech administrator or campus security. It is important that all evidence be preserved for law enforcement investigation. In addition to criminal prosecution, institutional disciplinary action may be taken in all situations involving a crime conviction on the Southeast Tech campus. Sanctions may include oral or written reprimand, short-term suspension, long-term suspension, or termination. Accuser and accused will have the same opportunities during disciplinary proceedings and both will be informed of the outcome of these proceedings. Students involved in campus crimes will be counseled by Southeast Tech staff and referrals made as needed.

Family Educational Rights & Privacy Act

FERPA stands for the Family Educational Rights and Privacy Act of 1974. It is a federal law governing the privacy and handling of educational records and giving specific rights to students. You can find more information about the law at <http://www.ed.gov/policy/gen/guid/fpco/ferpa/students.html> (<http://www.ed.gov/policy/gen/guid/fpco/ferpa/students.html>)

Student Communications

Southeast Tech's student email accounts will be used as Southeast Tech's official means of communications with students. Southeast Tech students should also use the STInet Student and Campus Life tabs for information regarding important upcoming events and required dates for fee payment, etc. The Student and Campus Life tabs will also inform students about job opportunities, scholarship information, and other important announcements.

Services for Non-traditional Students

Southeast Tech offers special targeted services for a wide variety of nontraditional students. Success Advisors are available to assist eligible individuals in selecting a program of study, applying for financial assistance, locating childcare, and networking with community resources. Students considered nontraditional fit into one of the following categories:

Individuals in training programs that are nontraditional for their gender (25% or less of the individuals working in that field are of the same gender);

1. Single parents;
2. Single pregnant women;
3. Displaced homemakers;
4. Dislocated workers;
5. Students not coming directly out of high school;
6. Individuals unsure of their career direction.