
Course Prefix/Number: CPT 238
Course Title: Internet Scripting
Lec Hours/Week: 3.0
Lab Hours/Week: 0.0
Credit Hours/Semester: 3.0

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course is a study of Internet programming including the syntax of scripting languages and Internet programming concepts and examines topics related to client-side scripting language programming as well as introducing topics related to server-side scripting.

COURSE COMPETENCIES

Upon successful completion of this course, the student should be competent to complete the following tasks:

Module 1 – Introduction to Scripting

- Set up a Development Server
- Use PHP syntax, variables, and operators in simple PHP scripts
- Write scripts using the using the echo and print commands
- Write scripts that obtain user input and produce output
- Write scripts containing decisions and loops
- Write scripts using built-in and user defined functions
- Create user-defined classes and implement Inheritance
- Manipulate data in an array

Module 2 – File, database, and form processing

- Write scripts that incorporate file handling techniques: creating, reading, copying, moving, deleting, and updating
- Use basic MySQL commands and datatypes in php scripts that access databases.
- Create and manipulate databases using the MySQL GUI
- Manipulate MySQL databases using PHP
- Build forms and write scripts to process submitted form data

Module 3 – Cookies, Sessions, Validation, and Error Handling

- Create and manipulate cookies using PHP
- Manage HTTP Authentication and Sessions using PHP
- Match specified patterns with PHP regular expressions by using grouping, metacharacters, character classes, ranges, and negation.
- Incorporate error handling into PHP pages

MINIMAL STANDARDS

Minimal standards of performance on all course competencies for receiving credit for the course and indicated by 60% overall accuracy on evaluation instruments that address the course competencies

listed above. Required standards of performance on all course competencies for enrollment in subsequent higher-level computer technology courses are indicated by 70% overall accuracy on evaluation instruments that address the course competencies listed above.

COURSE REQUIREMENTS

Students are responsible for attending all schedule class meetings until they have completed all course requirements. Students are responsible for all material covered and for all assignments made in all classes. Any student caught cheating or involved in other academic dishonesty will be given a grade of zero and will be subject to further disciplinary action.

ATTENDANCE POLICY

The attendance policy as stated in the York Technical College Handbook will be enforced. Make-up tests will not be given for theory tests. If a student must miss a theory test, he/she will get a zero for that test. However, students have the option of taking the comprehensive final. The student's grade on the comprehensive final will replace his/her lowest theory test grade. It is the student's responsibility to schedule a time for a make-up hands-on test with his/her instructor.

EVALUATION STRATEGIES/GRADING

Module 1 (30% of total)	Module 2 (35% total)	Grading Scale	
		90-100	A
Tests – 15% of final average Program(s) / Homework – 15% of final average	Tests – 15% of final average Program(s) / Homework – 20% of final average	89-89	B
		70-79	C
Module 3 (35% total)		60-69	D
		Below 60	F
Tests – 15% of final average Program(s) / Homework – 20% of final average			

ENTRY LEVEL SKILLS

A student entering this course should have a strong programming background as well as understanding of HTML, Javascript, and Relational Databases.

PREREQUISITES: CPT 236 and IST 226 with minimum grades of C.

CO-REQUISITES: None

Disabilities Statement: Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Office (SRO) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.