

Web Technologies Concentration (CWTC)

Certificate in Computer Studies and Information Processing (CERT_COMI)

The Web Technologies concentration is designed for individuals who wish to pursue a career in a Web-related field and acquire the training and technical skill set that is necessary to prepare them for a career in a Web-related occupation. It is also ideal for those wishing to gain a broader knowledge of computer software and/or hardware. The certificate program emphasizes technical coursework only and does not require students to take electives that are required in the associate degree options.

Note: Students must obtain a grade of at least C in all computer course requirements and must maintain a 2.0 GPA. To be awarded this certificate, students must be registered as matriculating in the Computer Studies program and successfully complete all certificate courses with a grade of C or better. Credits earned in this certificate program may be applied toward the associate degree program. Many courses require prerequisites, corequisites and/or testing. [See course descriptions for details.](#)

RECOMMENDED COURSE SEQUENCE

- Course sequence and prerequisites for major courses are under review. See Computer Studies department faculty for guidance.

Certificate Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
COMI 1100	Introduction to Computers		3
COMI 1150	Programming Concepts		3
COMI 1420	Introduction to Spreadsheets		1
COMI 1430	Introduction to Database Software		1
COMI 1450	WINDOWS Operating System		3
COMI 1750	HTML (5)		3
COMI 1755	Fundamentals XML eXtensible Markup Language		3
COMI 1770	Fundamentals of Website Development	Computer Studies Department recommends taking COMI 1150 and 1750 prior to COMI 1770 .	3
Programming Language Elective		Computer Studies Department recommends COMI 1150 as a prerequisite. Take three credits from programming Elective attribute PROG. See this page . (COMI 2010 is recommended.)	3
COMP 1230	Systems Analysis and Design	Computer Studies Department recommends taking COMP 1230 in final semester.	4
Electives		Take 12 credits from COMI , COMP , CNVTOR take one course from ACCT , BUSN , LAWS and the remaining credits from COMI , COMP , CNVT . See Course Descriptions .	12
Total Certificate Requirements Credits			39
Total Program Credits			39