



Web Management/Web Master

Computer Information Systems Typical Course Sequence | AAS Degree



	CORE / PROGRAM SPECIFIC			GENERAL EDUCATION	
1st Term	CIS100 Computer Careers Exploration A brief survey of various computer careers and an exploration of the MHCC CIS certificate/AAS degree.	CIS120 and 120L Computer Concepts I / Lab Computer technology and how technology is used in business, industry, and at home/ students learn how to use the common, Windows-based computer software productivity tools	CIS195 Web Development I Covers the fundamentals of creating well-designed, professional web sites and web pages.	CIS197HTM Web Authoring: HTML5 and CSS3 Explores the HTML foundation of webpage creation.	CIS197WAG Web Authoring: Graphics and Animation An introduction to the concepts, tools, and techniques useful for incorporating graphic elements and animation into Web pages.
2nd Term	CIS122 Computer Concepts III An introduction to programming.	CIS125SS Spreadsheets Emphasis will be on spreadsheet creation, editing, formatting, copying, deleting and formula specification, spreadsheet functions, font selection, shading, borders, editing and data entry techniques, formulas.	CIS125WP Word Processing Emphasis will be on word processing function such as saving, retrieving, formatting, printing, layout and editing, formatting and font selection on a line, paragraph, page, and/or document level.	CIS197WAA Web Authoring: Applications The basics of creating web pages using popular web design software in a PC environment.	MTH065 Beginning Algebra or higher
3rd Term	CIS125DB Desktop Databases Emphasis will be on creating and populating databases; creating an application system built around a database, multiple tables and queries; database administration.	CIS140 Intro to Operating Systems Introduces students to the history, terminology, functions, and uses of various operating systems.	CIS151 Network Fundamentals A comprehensive program designed to teach student networking and internet networking technology skills.	CIS197XML Web Authoring: XML Provides an overview of XML (eXtensible Mark-up Language) and its use for web-based applications common to Internet web-sites.	
4th Term	CIS145A Computer Maintenance & Forensics I Examines common computer hardware/software problems and corrective processes and elementary computer forensics.	CIS244 Introduction to System Analysis Introduces technology professionals to strategic information systems in organizations.	CIS276 SQL User interaction with databases is accomplished using a "Structured Query Language" or SQL per the industry ANSI-SQL standard.	CIS Elective	BA101 Introduction to Business
5th Term	CIS145B Computer Maintenance & Forensics II	CIS197CSP Web Authoring: Client-Side Programming An introductory programming course that presents the fundamentals of creating dynamic HTML documents using JavaScript.	HUM202 Age of Technology: Ethics in the Workplace or BA285 Leadership and Human Relations	WR121 English Composition	Health & PE Course
6th Term	CIS140W Windows Operating System Overview to the Microsoft Windows operating system, with an emphasis of the role of being a desktop administrator.	CIS295CMS Web Development: Content Management Systems Covers the beginning CMS frameworks to develop web sites using Web 2.0 concepts and applications.	CIS297 Capstone Development Practicum Explores current technology issues, 'real world' information technology situations and intermediate to advanced areas of study related to information systems.	WE280CAD Cooperative Education Internship	CIS Elective

Computer Information Systems Typical Course Sequence | Certificate Program

1st Term	CIS120 and 120L Computer Concepts I / Lab	CIS195 Web Development I	CIS197HTM Web Authoring: HTML	CIS197WAG Web Authoring: Graphics and Animation	
2nd Term	CIS122 Computer Concepts III	CIS197CSP Web Authoring: Client-Side Programming	CIS197WAA Web Authoring: Applications	HUM202 Age of Technology: Ethics in the Workplace or BA285 Leadership and Human Relations	MTH65 Beginning Algebra or higher
3rd Term	CIS140 Intro to Operating Systems	CIS197XML Web Authoring: XML	CIS295CMS Web Development: Content Management Systems	WR121 English Composition	

MHCC Faculty Adviser
 Dr. Wayne Machuca: 503-491-7761 Room 2783
Wayne.Machuca@mhcc.edu

be | relevant

This is a sample schedule and courses are subject to change.

People requiring accommodations due to disability should contact the Disability Services Office at 503-491-6923 or 503-491-7670 (TDD). Please call at least 2 weeks prior to event