

Certificate of Achievement in Web Support & Administration

*Requirement: 9 units of core courses and 9 units of elective courses->total 18 units

Computer Web Support and Administration Required and Elective Courses

Course Number	Core or Elective	Course Title	Units	Year 1 Semester1
CIS 120	Core	Introduction to Databases	3	Y 1 S 1
CIS 148	Core	Introduction to Web Development HTML5 & CSS	3	Y 1 S 1
CIS 150	Core	Advanced Web Development using JavaScript and Ajax	3	Y1 S2
Restricted Elective Course List: 9 units				
CIS 105	Elective	Intro to Data Analytic Techniques and Tools	3	Y 1 S 1
CIS 124	Elective	Data Analytics (Advanced Excel and Access)	3	Y 1 S 1
CIS 190	Elective	E-Commerce Essentials	3	Y 1 S 1
CIS 192	Elective	Introduction to Cloud Computing	3	Y 1 S 1
CIS 193	Elective	Database Essentials in Amazon Web Services	3	Y 1 S 2
CIS 194	Elective	Computer Engines in Amazon Web Services	3	Y 1 S 2
CIS 195	Elective	Security in the Cloud	3	Y 1 S 2
CS 112	Elective	Programming in Javascript	3	Y 1 S 2
CS 140	Elective	Programming for Mobile Application	3	Y 1 S 1
Total Degree Units	Core and Elective		18	

It is recommended that students meet with a counselor to develop a Student Educational Plan (SEP) or contact CS division chair via ChiangAS@wla.edu for course advice.