



Pathway: Business Information Technology

Plan of Study: Web Design Technician

Career Goal (O*Net Code): Web Developers (15-1099.04), Web Administrators (15-1099.05), Computer Programmers (15-1021.00), Multi-Media Artists and Animators (27-1014.00), Computer and Information Systems Managers (11-3021.00), Computer Operators (43-9011.00).

Suggested High School Courses

High School * Default includes CDHE Higher Education Admission Requirements	9 th	Core Academic Courses*:	English I, Algebra I or Integrated Math I, Physical Science, World History, P.E., Health, Speech/Research, Art	Suggested Electives: Insert Recommended Electives Here
		Career Path Courses:	General Business	
	10 th	Core Academic Courses*:	English II, Geometry or Integrated Math II, Biology, Geography	Suggested Electives: Spanish I, Art I
		Career Path Courses:	Integrated Software Applications	
	11 th	Core Academic Courses*:	English III, Algebra II or Integrated Math III, Chemistry, U.S. History	Suggested Electives: Spanish II, Desktop Publishing, Art II, Accounting I
		Career Path Courses:	Web Design	
	12 th	Core Academic Courses*:	English IV, Physics or Applied Science, U.S. Government	Suggested Electives: Pre-Calculus, Art III, Accounting I, Accounting II
		Career Path Courses:	Web Design Aide	

Secondary to Postsecondary Linkages & Certifications

Recognition for Advanced Learning	Postsecondary Credit Options: Concurrent Credit: ACC 101 Fundamentals of Accounting (3), ACC 121 Accounting Principles I (4), CIS 118 Into to PC Applications (3), CIS 167 Desktop Publishing (3), CWB 130 Complete Web Editing (3)
	Industry Recognized Certificate(s) or License(s):

Postsecondary Education Opportunities	Colorado Postsecondary Programs Available		Colorado Institutions	Entrance Exams/ Requirements
	Certificate	Web Development Certificate	Otero Junior College and other community colleges. For more information go to: www.collegeincolorado.org	High School diploma/GED Accuplacer
	Associate Degree	Computer Information Systems Computer Science, Computer Support Professional, Computer Technologies, Information Technology	Community Colleges/Colleges: Pikes Peak CC, Pueblo CC, Otero Junior College, Lamar CC, Trinidad State Jr. College, refer to www.collegeincolorado.org for more options	High School diploma/GED Accuplacer
	Bachelor Degree	Computer Science	Adams State College, Colorado State University, Fort Lewis College, Mesa State College More Options: www.collegeincolorado.org	See each school's Admissions website.
	Graduate Degree	Computer Science, MS & PhD	University of Colorado-Boulder, University of Colorado-Denver, University of Colorado-Colorado Springs More Options: www.collegeincolorado.org	See each school's Admissions website.

Cluster Overview: The **Management and Administration Career Cluster** prepares students for careers that encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.

Extended Learning Experiences		
Curricular Experiences: Future Business Leaders of America Phi Beta Lambda School Newspaper	Extracurricular Experiences: School Class Officer Yearbook Computer Tutor	
Work-Based Learning Experiences: Career Preparation – Paid and Unpaid, Job Shadowing, Internships	Program Accreditation and/or Professional Association(s): Examples: Association for Women in Computing Business Forms Management Association Help Desk Institute Information Technology Association of America International DECA National Future Business Leaders of America-Phi Beta Lambda	
Service Learning Experiences: Boy Scouts of America, Community Service Volunteer, Girl Scouts of the USA, 4-H, Faith-based youth groups and/or mission trips		
Career Options:		Salary Range:
Certificate	Web Design Technician	\$\$
Associate Degree		\$\$
Bachelor Degree		\$\$ - \$\$\$
Graduate Degree		\$\$\$ - \$\$\$\$

\$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

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