

CTE Course Description and Standards Crosswalk

Course Information

Course Name	Web Page Authoring
Course Number	83440
Number of High School Credits	.5
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Network Technician, Support Technician, Web Design/Graphic Artist
Date of district Course Revision	February 2014

Career & Technical Student Organization (CTSO)

CTSO embedded in this sequence	BPA
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Occupational Standards

Source of Occupational Standards	National Business Educators Association (NBEA)
Names/Numbers of Occupational Standards	Information Technology (IT); Entrepreneurship (EN); Career Development (CD)

Registration Information

Course Description (brief paragraph – as shown in your student handbook or course list)	Web Page Authoring covers the background of the World Wide Web (WWW), basic HTML coding, and the essentials of design and layout for publishing documents online. Sample occupations in this pathway are web designer, webmaster, 3D animator, multimedia producer, or graphic artist.
Instructional Topic Headings (please separate each heading by a semi-colon)	Internet and WWW background, Network basics, Basic HTML tags, Fundamentals of online graphics, Advanced HTML tags, Fundamentals of site design concepts, Fundamentals of Site Layout and organization, Web site architecture and publishing, Research Careers in Web Design/Webmaster, Encourage Career and Technical Student Organization (CTSO) Involvement, Safety, Entrepreneurship, Ethics

Summative Assessments and Standards

Technical Skills Assessment (TSA)	No
Course addresses:	
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards

Source of Employability Standards	State of Alaska
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Tech Prep

Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	May 2013
Postsecondary Institution Name	UAA
Postsecondary Course Name	Website Design: HTML; Website Design: Dreamweaver
Postsecondary Course Number	CIOS A153A & CIOS A153B
# of Postsecondary Credits	4

Source of Occupational Skills Standards

DISTRICT NAME: Mat-Su Borough School District

Source/Organization /Agency	Acronym	Website or Location of Information	Section, Chapters, etc. referenced in Performance Standards	Date of Edition or Version
National Business Education Assn.	NBEA	http://www.nbea.org	Career Development, Computation, Entrepreneurship, Information Technology, Marketing,	2013

Additional CTE Course Information

Author	
Course developed by	Revised by Kristopher Wagoner
Course adapted from	Web Page Authoring
Date of previous course revision	May 2008
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
Investigates careers in Web Design / Webmaster	IT-XVII EN-I CD-II	BM3,5,6	L.9-12.6 SL.9-12.6 WHST.9-12.6	S-MD.6 S-IC.6	B2,3,4	A1,2,3,4,5,6,7 B1,2,3,4,5	Technical Skills Planning Technology	AKcis Portfolio
Practices time management and organizational skills	IT-VII IT-IX	BM3 IT3	WHST.9-12.4 RST.9-12.3 SL.9-12.5		B2,3,4	A1,2,5,7	Technical Skills Planning Technology	Business Professionals of America— Web Design
Understands the history and development of the Internet and WWW	IT-VII IT-IX	IT6	SL.9-12.1,3,6 RST.9-12.4,9		B2,4	A2,5	Technical Skills Technology	Business Professionals of America— Web Design
Understands how networks work and information is transmitted electronically	IT-VII IT-IX	IT1,2,3,5,6 IT-NET1,2,3,4,5	SL.9-12.1,3,6 RST.9-12.4,9	N-Q.1	B2,4	A2,5	Technical Skills Technology	Business Professionals of America— Web Design

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Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
Demonstrates knowledge of HTML by creating web pages	IT-VII IT-IX	IT WD 1,2,3,4,5,6, 7,8,9,10	SL.9- 12.4,5,6 L.9-12.1- 3,6 RST.9- 12.3, 4,10 WHST.9- 12.4,6	N-Q.1,Q.3 S-ID.1	B2,4	A2,5	Technical Skills Technology	Business Professional s of America— Web Design
Creates, edits and utilizes graphics and digital photographs in web pages	IT-VII IT-IX	IT- WD2,4,5,6, 9	SL.9- 12.4,5,6 RST.9- 12.3,4,10	N-Q.1,Q.3 S-ID.1	B2,4	A2,5	Technical Skills Technology	Business Professional s of America— Web Design
Researches content to be used in a project web site	IT-VII IT-IX	IT- WD1,2,3,4, 5,6,10	SL.9-12.1- 3,5,6 RST.9- 12.4,9	S-ID.1 N-Q.1,Q.3	B2,4	A2,5	Technical Skills Technology	Business Professional s of America— Web Design
Demonstrates knowledge of layout and design to create a storyboard and layout grids	IT-I	IT- WD1,2,3,4, 5,6,7,8,9,10	SL.9-12.4- 6 RST.9- 12.4,9 WHST.9- 12.4,6	N-Q.1,Q.3 S-ID.1	B2,4	A2,5	Technical Skills Technology	Business Professional s of America— Web Design
Creates an interactive web site using research information	IT-I	IT- WD1,2,3,4, 5,6,7,8,9,10	SL.9-12.4- 6 RST.9- 12.4,9 WHST.9- 12.4,6		B2,4	A2,5		Business Professional s of America— Web Design
Follow professional ethics including software licensing, copyright and intellectual property laws in producing and monitoring web pages and sites.	IT-I,II	BM2,5,6 IT 4	WHST.9- 12.8 L.9-12.6		B2,3,4	A1,2,5,7	Technical Skills Technology Work Habits	Statement of Authenticity
Encourage CTSO involvement	IT-XVII	BM3,5,6	L.9-12.6		B2,3,4	A2,5	Technical	BPA

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Alaska Department of Education and Early Development

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Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
	EN-I CD-IV CD-V		SL.9-12.6 SL.9-12.1.a-d		C4 D6 E7,8		Skills Technology Planning Labor Work Habits	Competitions
Recognize entrepreneurship opportunities and the role of employer vs. employee.	IT-XVII EN-I CD-V	BM3,5,6	L.9-12.6 SL.9-12.6	S-MD.6 S-IC.6	B2,4	A2,5	Technical Skills Labor	BPA-Small Business Management Team Work Keys
Demonstrate safe use of tools and equipment, cyber safety and ergonomic safety in the workplace.	IT-I	BM5,6 IT4	L.9-12.6 WHST.9-12.8		B2,4	A1,6	Technical Skills Health/Safety	AK EED Safety Manual Business & Information Systems
Practice and promote ethics and ethical behavior in the workplace	IT-I	BM2,5,6 IT4	WHST.9-12.8	S-MD.6 S-IC.6	B2,3,4	A,1,2,5	Technical Skills Work Habits Management	CTSO Participation Work Keys

Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)

Recommended Text: HTML Basics, Thomson Course Technology, Cengage

Webmastering Basics Using Macromedia Dreamweaver MX, Thomson Course Technology, Cengage

Resources: Business Professionals of America, www.bpa.org
AKCIS – Alaska Career Information System, <http://www.akcis.org/>