



Davis Applied Technology College

A UCAT Campus
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Curriculum Evaluation - Web and Graphic Design

DATC Certificate of Program Completion (Catalog Year: 2012, Required Hours: 1290)

Core (510 hours required)

<i>Web and Graphic Design (510 hours required)</i>		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
WGDC 1001	Computer Basics	90	3	Yes	BTEC 1005
WGDC 1010	Media Design Introduction	90	6	No	
WGDC 1021	Graphic Design Applications I: Adobe Photoshop CS5	90	12	No	
WGDC 1030	Design Principles	120	8	No	
MATH 1000	Math I	60	6	No	
WKSK 1400B	Workplace Relations - Blended	60	6	No	

Elective (780 hours required)

<i>Web and Graphic Design (Web Designer) (0 hours required)</i>		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
WGDC 2190	Internet Technology	90	4	No	
WGDC 2100	Web Design Fundamentals: HTML	90	7	No	
WGDC 2101	Web Design Principles	90	12	Yes	WGDC 2100, WGDC 1001
WGDC 2111	Web Design Authoring I: Adobe Dreamweaver CS5	120	10	No	
WGDC 2150	Web Site Usability Analysis	90	4	No	
WGDC 2160	Web Design Project Planning and Management	90	5	No	
WGDC 2165	eCommerce Developer I	90	5	No	
WGDC 2166	eCommerce Developer II	90	5	No	
WGDC 2171	Search Engine Optimization	90	5	No	
WGDC 2172	Mobile Design and Development	90	5	No	
WGDC 2173	Design with WordPress	90	1	No	
WGDC 2141	Web Design Animation: Adobe Flash CS5	90	10	No	
WGDC 2120	Web Design Authoring II: Microsoft Expression Web Professional	90	10	No	
WGDC 2180	Web Designer Final Project	90	4	No	
<i>Web and Graphic Design (Web Developer) (0 hours required)</i>		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
WGDC 2100	Web Design Fundamentals: HTML	90	7	No	
WGDC 2111	Web Design Authoring I: Adobe Dreamweaver CS5	120	10	No	
WGDC 2120	Web Design Authoring II: Microsoft Expression Web Professional	90	10	No	
WGDC 2141	Web Design Animation: Adobe Flash CS5	90	10	No	
WGDC 2150	Web Site Usability Analysis	90	4	No	
WGDC 2160	Web Design Project Planning and Management	90	5	No	
WGDC 2165	eCommerce Developer I	90	5	No	
WGDC 2166	eCommerce Developer II	90	5	No	
WGDC 2190	Internet Technology	90	4	No	
WGDC 2205	Interactive Media Scripting I	90	3	No	
WGDC 2210	Web Developer Final Project	90	3	No	
WGDC 2220	Web Programming Introduction	120	12	No	
WGDC 2230	Web Application Programming I: Javascript	120	13	No	
WGDC 2240	Web Application Programming II: PHP	120	11	No	
WGDC 2245	Web Application Programming III: ColdFusion	120	6	No	

WGDC 2250	Dynamic HTML	90	6	No	
WGDC 2255	Web Application Programming IV: XML	120	11	No	
WGDC 2260	Web Database I: Microsoft Access	90	4	No	
WGDC 2265	Web Application Programming V: CGI/Perl	120	13	No	
WGDC 2270	Web Database II: SQL/MySQL	90	6	No	
Web and Graphic Design (Digital Graphic and Publishing Designer) (0 hours required)		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
WGDC 2420	Graphic Communications Fundamentals	90	7	No	
WGDC 2401	Computer Illustration I: Adobe Illustrator CS5	90	14	No	
WGDC 2321	Desktop Publishing Applications I: Adobe InDesign CS5	90	13	No	
WGDC 2360	Typography	60	4	No	
WGDC 2350	Printing and Prepress Technology	120	8	No	
WGDC 2100	Web Design Fundamentals: HTML	90	7	No	
WGDC 2111	Web Design Authoring I: Adobe Dreamweaver CS5	120	10	No	
WGDC 2461	Advanced Adobe Photoshop CS5	90	5	No	
WGDC 2430	Digital Photography and Adobe Photoshop Elements 8	90	5	No	
WGDC 2450	Technical Illustration	90	5	No	
WGDC 2300	Desktop Publishing Fundamentals	90	8	No	
WGDC 2330	Desktop Publishing Applications II: QuarkXpress 7	90	5	No	
WGDC 2390	Digital Graphics and Publishing Final Project	90	3	No	
Web and Graphic Design (Multimedia Developer) (0 hours required)		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
WGDC 2500	Media and Communications	90	4	No	
WGDC 2510	Video Project Visualization and Planning	90	7	No	
WGDC 2521	Video Production I: Adobe Premier Professional CS5	90	6	No	
WGDC 2531	Video Production II: Adobe After Effects CS5	90	8	No	
WGDC 2540	Video Production III: Adobe Director 11.5	90	4	No	
WGDC 2550	Lighting for Video	90	7	No	
WGDC 2560	Digital Audio I: Sound Capture and Editing	90	8	No	
WGDC 2565	Digital Audio II: Pro Tools 8.0	90	4	No	
WGDC 2580	Television Production	90	6	No	
WGDC 2570	Multimedia Developer Final Project	90	3	No	
Web and Graphic Design (3D Modeling and Animation) (0 hours required)		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
WGDC 2601	3D Modeling and Animation I: Animation Principles	120	5	No	
WGDC 2611	3D Modeling and Animation II: 3D Studio Max 2011	120	8	No	
WGDC 2620	3D Modeling and Animation III: Map and Texture	90	3	No	
WGDC 2630	3D Modeling and Animation IV: Rendering, Cameras and Lights	90	3	No	
WGDC 2640	3D Modeling and Animation V: Advanced Modeling and Character Design	90	4	No	
WGDC 2650	3D Modeling and Animation VI: Digital Video Animation	90	5	No	
WGDC 2660	3D Character Design Basics: Maya	90	4	No	
WGDC 2670	3D Media Animation	90	4	No	
WGDC 2521	Video Production I: Adobe Premier Professional CS5	90	6	No	
WGDC 2531	Video Production II: Adobe After Effects CS5	90	8	No	
WGDC 2111	Web Design Authoring I: Adobe Dreamweaver CS5	120	10	No	
WGDC 2141	Web Design Animation: Adobe Flash CS5	90	10	No	
WGDC 2690	3D Modeling and Animation Final Project	90	3	No	
Web and Graphic Design (Game Design and Development) (0 hours required)		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
WGDC 2601	3D Modeling and Animation I: Animation Principles	120	5	No	
WGDC 2611	3D Modeling and Animation II: 3D Studio Max 2011	120	8	No	
WGDC 2620	3D Modeling and Animation III: Map and Texture	90	3	No	
WGDC 2630	3D Modeling and Animation IV: Rendering, Cameras and Lights	90	3	No	
WGDC 2640	3D Modeling and Animation V: Advanced Modeling and Character Design	90	4	No	

WGDC 2650	3D Modeling and Animation VI: Digital Video Animation	90	5	No	
WGDC 2660	3D Character Design Basics: Maya	90	4	No	
WGDC 2670	3D Media Animation	90	4	No	
WGDC 2700	Game Design Fundamentals	120	4	No	
WGDC 2710	Game Graphic Design	90	6	No	
WGDC 2720	Game Development Introduction I: Character Development and	90	4	No	
WGDC 2730	Game Development Introduction II: Game Character Design and	90	4	No	
WGDC 2740	Game Design and Development without Programming	120	7	No	
WGDC 2750	Game Level Design Introduction	90	4	No	
WGDC 2755	Game Programming Introduction	120	5	No	
WGDC 2521	Video Production I: Adobe Premier Professional CS5	90	6	No	
WGDC 2531	Video Production II: Adobe After Effects CS5	90	8	No	
WGDC 2111	Web Design Authoring I: Adobe Dreamweaver CS5	120	10	No	
WGDC 2141	Web Design Animation: Adobe Flash CS5	90	10	No	
WGDC 2770	Game Design and Development Final Project	90	3	No	
<i>Web and Graphic Design (Additional Electives) (0 hours required)</i>		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
DRFT 1015	Basic Computer Aided Drafting	90	11	No	
DRFT 1075	3D Parametric Solid Modeling	90	6	Yes	DRFT 1005, DRFT 1015
WGDC 1002	Mac Computer Basics	90	3	No	
WGDC 1050	Media Ethics and Law	30	5	No	
WGDC 1090	Technical Communication	90	5	No	
WGDC 2170	Electronic Portfolio	120	5	No	
WGDC 2680	Basic Drawing	90	14	No	
WKSK 1500B	Job Seeking Skills - Blended	30	5	No	
Skill Development-Not Req (0 hours required)					
<i>Web and Graphic Design (0 hours required)</i>		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
FUND 0050	Keyboarding Skills	90	7	No	
FUND 0065	Computer Skills	30	8	No	
FUND 0070	Spelling Skills	30	2	No	
FUND 0075	Language Skills	90	4	No	
FUND 0080	Reading Skills	90	4	No	
FUND 0085	Math Skills	60	4	No	
FUND 0090	Study Skills	30	5	No	
FUND 0091	Davis School District Technical Tutoring	250	1	No	
MATH 1000_	Math I (Program Based)	60	6	No	
WKSK 1400_	Workplace Relations (Program Based)	60	6	No	
WKSK 1500_	Job Seeking Skills (Program Based)	30	5	No	