



Davis Applied Technology College

A UCAT Campus
 550 E 300 S, Kaysville 84037
 Phone: 593-2500



Architectural and Engineering Design

Catalog Year: 2012

Adult Student Tuition and Fees					
Core Courses (750 hours required)					
Course No.	Course Title	Hours	Tuition & Fees ¹	Lab Fee ²	Total
BTEC 1110	Computer Literacy	90	\$207.00	\$0.00	\$207.00
DRFT 1005	Technical Drafting	90	\$207.00	\$3.50	\$210.50
DRFT 1016	Basic Computer Aided Drafting: AutoCAD 2012	90	\$207.00	\$3.50	\$210.50
DRFT 1025	Architectural Drafting	90	\$207.00	\$3.50	\$210.50
DRFT 1035	Pictorial Drafting	30	\$69.00	\$3.50	\$210.50
DRFT 1070	Applied Technical Math	90	\$207.00	\$3.50	\$210.50
DRFT 1076	3D Parametric Solid Modeling: Basic SolidWorks 2011	90	\$207.00	\$3.50	\$210.50
DRFT 1081	Architectural 3D Modeling and Rendering: Revit 3D 2012	90	\$207.00	\$3.50	\$210.50
WKSK 1400B	Workplace Relations - Blended	60	\$138.00	\$0.00	\$138.00
WKSK 1500B	Job Seeking Skills - Blended	30	\$69.00	\$0.00	\$69.00
Elective Courses (450 hours required)					
<i>Architectural Designer</i>					
DRFT 2305	Residential Architectural Drafting	90	\$207.00	\$0.00	\$207.00
DRFT 2315	Commercial Drafting and Detailing	90	\$207.00	\$0.00	\$207.00
DRFT 2340	Architectural CAD	90	\$207.00	\$0.00	\$207.00
<i>Civil Designer</i>					
DRFT 2711	Civil Drafting: Civil 3D 2012	90	\$207.00	\$0.00	\$207.00
DRFT 2750	Surveying	90	\$207.00	\$0.00	\$207.00
<i>Mechanical Designer</i>					
DRFT 2100	3D Parametric Solid Modeling: Inventor 2012	90	\$207.00	\$0.00	\$207.00
DRFT 2105	3D Parametric Solid Modeling: Catia V	90	\$207.00	\$0.00	\$207.00
DRFT 2115	3D Parametric Solid Modeling: Advanced SolidWorks 2011	90	\$207.00	\$0.00	\$207.00
DRFT 2110	Mechanical Drafting	60	\$138.00	\$0.00	\$138.00
DRFT 2120	Machine Design	60	\$138.00	\$0.00	\$138.00
DRFT 2130	Production Drafting (GD&T)	90	\$207.00	\$0.00	\$207.00
<i>Process Pipe Designer</i>					
DRFT 2610	Process Pipe Drafting	90	\$207.00	\$0.00	\$207.00
DRFT 2620	Pipe Fabrication and Design	90	\$207.00	\$0.00	\$207.00
<i>Structural Steel Designer</i>					
DRFT 2510	Structural Steel Detailing	90	\$207.00	\$0.00	\$207.00
DRFT 2520	Structural Design Applications	90	\$207.00	\$0.00	\$207.00
<i>Basic Engineering Designer</i>					
DRFT 2200	Engineering Design	90	\$207.00	\$0.00	\$207.00
DRFT 2215	Descriptive Geometry	60	\$138.00	\$0.00	\$138.00
DRFT 2225	Manufacturing Processes	60	\$138.00	\$0.00	\$138.00
<i>Additional Electives</i>					
DRFT 2801	Special Projects	15	\$34.50	\$0.00	\$34.50
DRFT 2802	Special Projects	30	\$69.00	\$0.00	\$69.00
DRFT 2803	Special Projects	60	\$138.00	\$0.00	\$138.00

DRFT 2804	Special Projects	90	\$207.00	\$0.00	\$207.00
DRFT 2950	Architectural and Engineering Design Externship	120	\$276.00	\$0.00	\$276.00
MACH 1080	CAD/CAM Beginning	60	\$138.00	\$0.00	\$138.00
MACH 2005	Manual CNC Programming	60	\$138.00	\$0.00	\$138.00
MACH 2015	Introduction to Manual CNC Programming	30	\$69.00	\$0.00	\$69.00
MACH 2420	CNC Program Applications	60	\$138.00	\$0.00	\$138.00
MACH 2520	CAD/CAM Intermediate	60	\$138.00	\$0.00	\$138.00
MACH 2540	CAD/CAM Advanced	60	\$138.00	\$0.00	\$138.00
WGDC 2610	3D Modeling and Animation II: 3D Studio Max	120	\$276.00	\$0.00	\$276.00

Program costs are subject to change without notice.

¹ \$1.55 per hour tuition + institutional fees

² Lab fee is used to cover the cost of course materials