



Davis Applied Technology College

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



Curriculum Evaluation - Welding Technology

DATC Certificate of Program Completion (Catalog Year: 2012, Required Hours: 1230)

Core (1110 hours required)

<i>Welding Technology (1110 hours required)</i>		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
BTEC 1121_	Operating System Fundamentals Vista	30	1	No	
WELD 1010	Welding Safety	30	4	No	
WELD 1000	Welding Math	90	4	No	
WELD 1120	Communications and Work Assignments	30	3	Yes	WELD 1010
WELD 1140	Welding Metallurgy Basics	30	3	Yes	WELD 1010
WELD 1200	Oxy-fuel Gas Welding	60	4	Yes	WELD 1010
WELD 1250	ARC Cutting Processes-Carbon Air Arc/Plasma Arc Cutting	30	3	Yes	WELD 1010
WELD 1255	Shielded Metal Arc Welding I	60	4	Yes	WELD 1010
WELD 1310	Shielded Metal Arc Welding II	120	4	Yes	WELD 1010, WELD 1255, DRFT 1810
WELD 1315	Gas Metal Arc Welding I	60	4	Yes	WELD 1010
WELD 1410	Gas Metal Arc Welding II	90	5	Yes	WELD 1010, WELD 1315, DRFT 1810
WELD 1415	Flux-cored Arc Welding I (Gas Shielded)	60	4	Yes	WELD 1010, DRFT 1810_
WELD 1510	Flux-cored Arc Welding II (Self Shielded)	90	4	Yes	WELD 1010, WELD 1415
WELD 1601	Gas Tungsten Arc Welding I (Mild Steel)	60	4	Yes	WELD 1010
WELD 1610	Gas Tungsten Arc Welding II (Aluminum)	60	4	Yes	WELD 1010, DRFT 1810, WELD 1601
WELD 1620	Gas Tungsten Arc Welding III (Stainless Steel)	60	4	Yes	WELD 1610, WELD 1010
WELD 1700	Welding Inspection and Testing	30	2	Yes	WELD 1010
DRFT 1045_	Blueprint Reading	30	5	No	
DRFT 1810_	Blueprint Reading for Welders	30	1	Yes	DRFT 1045
WKSK 1400_	Workplace Relations (Program Based)	60	6	No	

Elective (120 hours required)

<i>Welding Technology (120 hours required)</i>		Hours	Modules	Prerequisite	Prerequisite Course Number(s)
DRFT 1005_	Technical Drafting	90	7	No	
MACH 1045	Machining Introduction	60	16	No	
MACH 1010	Lathe Operations I	90	13	No	
MACH 1020	Vertical Mill Operations I	90	8	No	
WELD 2210	Resistance Spot Welding	30	3	Yes	WELD 1010
WELD 2305	Pipe Welding	90	1	Yes	WELD 1010
WELD 2400	Ornamental Iron	60	4	Yes	WELD 1010
WELD 2450	Gas Metal Arc Welding Aluminum	30	3	Yes	WELD 1010
WELD 2800	Submerged Arc Welding	30	3	Yes	WELD 1010
WELD 2915	Welding Special Projects - Shielded Metal Arc Welding	60	1	Yes	WELD 1010
WELD 2925	Welding Special Projects - Gas Metal Arc Welding	60	1	Yes	WELD 1010
WELD 2935	Welding Special Projects - Gas Tungsten Arc Welding	60	1	Yes	WELD 1010
WKSK 1500_	Job Seeking Skills (Program Based)	30	5	No	

Skill Development-Not Req (0 hours required)

<i>Welding Technology (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	