Utah System of Higher Education
The Gateway, Salt Lake City, UT 84101
801-646-4784

Composites

Technical Certificate (Catalog Year: 2028)

Foundational Courses (9 Credits / 270 Clock-Hours)

		Credits	Clock-Hours
TECM 1000	Composite Basics	2	60
TECM 1010	Basic Composite Fabrication	2	60
TECM 1100	Advanced Composite Materials	3	90
TECM 1110	CNC Composite Processes	2	60

Supplemental Courses Varies by Institution

Davis (16 Credits / 480 Clock-Hours)

		Credits	Clock-Hours
TECM 1020	Blueprint Reading	1	30
TECM 1120	Composite Repair and Part Finish Introduction	1	30
TECM 1140	Advanced Composite Repair and Part Finish	2	60
TECM 1201	Autoclave and Alternate Processes	2	60
TECM 1300	Lean Manufacturing	1	30
TECM 1400	Introduction to Composite Engineering	2	60
TECM 1410	Carbon Fiber Part Skinning	1	30
TECM 1440	Pattern and Mold Construction	2	60
TECM 1800	Composite Capstone I	1	30
TECM 1810	Composite Capstone II	2	60
TEBP 1100	Digital Literacy	2	60
TEDR 1225	Production Drafting Basics	2	60
WKSK 1400	Workplace Success	2	60
WKSK 1500	Job Seeking Skills	1	30

Ogden-Weber (13 Credits / 270 Clock-Hours)

		Credits	Clock-Hours
TECM 1025	Manufacturing Fundamentals	2	60
TECM 1115	Advanced Cutting and Layup Techniques	3	90
TECM 1250	CNC Applications for Composites	3	90
TECM 1600	Composite Tool Making and Vacuum Infusion	2	60
TECM 1820	Composite Projects I	1	30
TECM 1830	Composite Projects II	2	60

Snow (11 Credits / 330 Clock-Hours)

		Credits	Clock-Hours
TECM 1020	Blueprint Reading	1	30
TECM 1040	Workplace Success	1	30
TECM 1200	Autoclave Processing	1	30
TECM 1210	Filament Winding	2	60

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TECM 1220	Quality Assurance	2	60
TECM 1230	Metrology	1	30