



UTAH SYSTEM OF
HIGHER EDUCATION

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

Custom Design and Fabrication

Certificate of Completion (Catalog Year: 2025)

Foundational Courses (21 Credits / 630 Clock-Hours)

		Credits	Clock-Hours
TECF 1010	Fabrication Math	1	30
TECF 1020	Blueprints	2	60
TECF 1030	Concept Sketching	1	30
TECF 1040	Intro to SolidWorks	3	90
TECF 1050	Crane Rigging, Safety, and Operation	2	60
TECF 1060	Project 1 – Structural Shapes Project	4	120
TECF 1070	Project 2 – Pipe Project	4	120
TECF 1080	Project 3 – Student Choice Project	4	120