



UTAH SYSTEM OF
HIGHER EDUCATION

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

Fabrication and Fitting

Technical Certificate (Catalog Year: 2026)

Foundational Courses (21 Credits / 630 Clock-Hours)

		Credits	Clock-Hours
TECF 1010	Fabrication Math	1	30
TECF 1012	Introduction to Cutting and Welding	3	90
TECF 1015	Tool and Machine Operations	1	30
TECF 1020	Blueprints	2	60
TECF 1041	Intro to SolidWorks	1	30
TECF 1050	Crane Rigging, Safety, and Operation	2	60
TECF 1061	Structural Fabrication	4	120
TECF 1071	Pipe Fitting	4	120
TECF 1081	Final Project	3	90