

COMPUTER AIDED DESIGN CLASSES THAT TRANSFER TO THE TECH COLLEGE

High School Course	OWATC Computer-Aided Design Technology Courses (required hours)	Weber State University
MECHANICAL/MANUFACTURING COURSES		
Tech I or PLTW-IED	CADT 1010 Intro to Engineering and Tech. Design (120)	DET 1010 (3) Intro to Engineering & Technical Design
Tech II or PLTW EDD	CADT2110 3D Parametric Solid Modeling (120) CADT 2160 Production Drafting GD&T (90)	DET 1160 (3) Geometric Dimensioning & Tolerancing
	CADT 2140 Machine Design (90)	DET 2460 (3) Product Design Fundamental Using 3D CAD
ARCHITECTURAL COURSES		
Arch I	CADT1040 Intro to Residential Architecture (120)	DET 1040 (3) Intro to Residential Architecture
Arch II or PLTW - CEA	CADT 2340 Residential Architectural Design (120) CADT 2350 Architectural Standards (120)	DET 1350 (3) Residential Design
	CADT 2520 Commercial Standards (120) CADT 2530 Intro to BIM (60)	DET 2000 (3) Intro to Commercial Architecture & BIM
None	CADT 2540 Structural Steel Detailing (90) CADT 2510 Structural Design Appl. I (Revit) (90) OR CADT 2550 Structural Design Appl. II (Tekla) (90)	DET 2660 (3) Structural Design & Detailing

Get certified in Architecture • Structure • Civil • Interior Design Drafting
Manufacturing–Model Development • Rapid Manufacturing Design