



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: SolidWorks with 3D Printing and Scanning
Course Number: DET132

Required Materials

- **Textbook(s):** SolidWorks 2023 Tutorial (*A Step-by-Step Project Based Approach utilizing 3D Solid Modeling*)
 - Author: David C. Planchard, CSWP
 - Published: 01/30/2023
 - ISBN-13: 978-1-63057-556-4
- Required Readings:** None
- Additional Materials:** None

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Chapter1: Overview of Solidworks and User Interface , Chapter 02 Parts and Assembly
2	Chapter 2 Parts and Assembly
3	Chapter 2 Parts and Assembly
4	Chapter 3 - Front Support Assembly
5	Chapter 4 - Fundamentals of Dr awing
6	Chapter 5 - Advanced Features
7	Chapter 5 - Advanced Features
8	Chapter 5 - Advanced Features
9	Chapter 7 - CSWA Introduction and Drafting Competencies
10	Chapter 8 - CSWA Basic and Intermediate Part Creation and Modification
11	Chapter 9 - CSWA Advanced Part Creation and Modification
12	Chapter 10 - CSWA - Assembly Creation and Modification
13	Chapter 11 - Additive Manufacturing - 3D Printing Fundamentals
14	Derived Parts and Assemblies
15	Ad Hoch Advanced Models
16	Final Exam