NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE

COURSE SYLLABUS

Course Title: 3D Parametric Design SolidWorks   **Course #:** CAD* 220

Course Description:
This course introduces students to the engineering design processes utilizing the SolidWorks 3D computer-aided design modeling application software. Students will construct parts, solid models, assemblies, as well as generate orthographic drawings and add dimensions to produce engineering document packages.

Pre-requisite/Co-requisite: See handbook.

Goals: To prepare the student to succeed in the Engineering and Manufacturing fields.

Outcomes: Upon course completion students shall be able to do the following:
- Understand the basic SolidWorks commands.
- Complete solid models, and associated detail and assembly drawings in SolidWorks.
- Understand and use drawing conventions, symbols and terms in an appropriate manner when completing a drawing.
- Be able to attempt a basic SolidWorks certification test.