

Minnesota Articulated College Credit (ACC) Agreement www.CTEcreditMn.com

Agreement Name: Computer Assisted Drafting

Agreement Last Reviewed: September 2017

Next Review Date: September 2019

Curriculum Content Objectives:

OUTLINE OF MAJOR CONTENT AREAS

1. Identify the graphics screen components.
2. Use applications and documents settings.
3. Create closed loop sketches.
4. Identify and utilize geometry constraints.
5. Create features.
6. Modify features.
7. Create work planes, axis, and points.
8. Create multi-view drawings.
9. Use and create assembly and presentation files.

LEARNING OUTCOMES (General)

1. The learner will identify various menu commands and their locations while constructing primitive solid models.
2. The learner will edit solid models.
3. The learner will create and print detail drawings.
4. The learner will edit and annotate drawing views.

Assessments:

Students must achieve no less than 80% or B for a final grade in the high school course to receive ACC.

ACC Concept:

Skills for selected courses required for graduation in programs at the colleges participating in this regional agreement are taught in our schools using the assessments developed collaboratively by secondary and post-secondary staff. High School credit is earned and college credits are earned if the student meets the college achievement.