

Course Objectives/Course Outline
Spokane Community College

Course Title: Blueprint III

Prefix and Course Number: MACH 160

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Read and interpret a variety of working drawings
- Generate special view drawings
- Interpret surface finish terminology and symbols
- Interpret section views

Course Outline:

- I. Surface Texture
 - A. Terminology
 - B. Symbols
 - C. Lay Symbols
 - D. Measuring Surface Texture
- II. Violations of True Projections
 - A. Rotated or Aligned Projections
 - B. Untrue Projections
 - C. Untrue Projection of Sections
- III. Special Views
 - A. Partial Views
 - B. Distorted Views
 - C. Bottom Views
 - D. Phantom Lines and Views
- IV. Positional Dimensioning
 - A. Point-to-Point
 - B. Datum