MAC 151 Machining Calculations

COURSE DESCRIPTION:

D. Geometry
   1. Plane geometry
      a. Perimeters of circles, triangles, and polygons
      b. Areas of circle, triangles, and polygons
   2. Solid geometry – volumes
E. Practical problems
   1. Gear computations
   2. Pitch and depth of screw threads
   3. Cutting speeds and feeds
F. Algebra and Trigonometry problems
   1. Calculation of Algebra formulas
   2. Calculation of Trigonometry problems using sine, cosine, tangent

REQUIRED TEXTBOOK AND MATERIAL:

Mathematics for Machine Technology, 7th edition, author Robert D. Smith
ISBN # 9781133281450