

## Mechanical Drawing: Board & CAD Techniques

### Chapter 17 Cams and Gears

#### Objectives

1. Explain the purposes and applications of cams.
2. Describe the three main types of cam motion.
3. Develop a cam-related displacement diagram and profile.
4. Describe the information needed for a typical gear drawing.
5. Draw gear teeth using the simplified board-drafting method.
6. Create a CAD-generated gear-tooth drawing.