

# TOPICS

**Overview**

**Metrics**

**Estimation**

**Planning**

# Overview

**To successfully manage software development, the project leader must determine:**

- 1. *Scope* of work to be done**
- 2. *Risks* to be incurred**
- 3. *Resources* that will be required**
- 4. *Tasks* to be accomplished**
- 5. *Effort* (cost) that will be expended**
- 6. *Schedule* to be followed**

**Software project management begins before the technical work starts.**

**Software project management ends when the software is retired.**

# Overview, Continued

## The Planning Process

**Set Objectives and Scope**

**Identify Metrics and Measurement**

**Estimate Time, Man-power, Materials**

**Perform Risk Analysis**

**Conduct, Track, and Control the Process**