

## Chapter 9 Technology Application Projects

### Mathematica/Maple Module

#### *Drug Dosages: Are They Effective? Are They Safe?*

Formulate and solve an initial value model for the absorption of blood in the bloodstream.

### Mathematica/Maple Module

#### *First-Order Differential Equations and Slope Fields*

Plot slope fields and solution curves for various initial conditions to selected first-order differential equations.