

## Module 6 - Damping Elements

ME3050 - Dynamics Modeling and Controls

Mechanical Engineering

Tennessee Technological University

### Topic 3 - Mass Spring Damper Model

## Topic 3 - Mass Spring Damper Model

- Standard Model Form
- Engineering Applications
- Example: Automobile Suspension
- —

# Standard Model Form

# Standard Model Form

# Engineering Applications

# Engineering Applications

# Example: Automobile Suspension



# Example: Automobile Suspension - Steps 1,2 and 3



# Example: Automobile Suspension - Steps 4,5

