



MEMORIAL UNIVERSITY OF NEWFOUNDLAND  
FACULTY OF ENGINEERING AND APPLIED SCIENCE



Newfoundland & Labrador, Canada

Engineering: 5312

Mechanics of Solids II

## *Lab Test #2 - Wood Beam Deflection*

This lab is similar to Lab 1. Follow the same procedure and produce the report. Additionally, note the type of wood (or make an engineering guess) and get the details of the Young's modulus and material strength from literature. Use the values for comparison purposes. Note that the material properties of wood change based on the age, moisture content, temperature and pre-treatment. Get the data from the Technician as well as published literature (textbooks and research websites).