## Review - Exam II

## **Static Failure Theories**

**Ductile Materials** 

**Brittle Materials** 

## **Fatigue Analysis**

S - N Diagrams Sf =  $aN^b$ 

**Marin Factors** 

Stress concentration factors Notch sensitivity

Fully Reversed

Fluctuating

## **Goodman Failure Line**

Mean Stress

**Alternating Stress** 

Load Line