## Purpose
- **Deletion of a course**
- **New course with supporting documents**
- **Add existing course offered at another campus**
- **Change in course number at same level**
- **Downgrading of course level**
- **Upgrading of course level**
- **Change in course title**
- **Change in semesters offered**
- **Change in course credit type**
- **Change in course prerequisites**
- **Change in course attributes**
- **Change in instructional hours**
- **Change in description of course content**
- **Transfer of course from one dept. to another**

### Existing
- **Subject Abbreviation**: CE
- **Course Number**: 273
- **Proposed Title**: Mechanics of Materials
- **Variable Title**: Yes

### Proposed
- **Subject Abbreviation**: NUCL
- **Course Number**: 273

### Cross Listed Courses
- **Institutional Type**: Primary
- **Class FTE**: 3
- **Instructional Type**: Auto-tutorial

### Credit Type
- **Fixed Credit**: Cr. Hrs. 3
- **Minimum Cr. Hrs. (Check One)**: 3

### Course Attributes
- **Pass/Not Pass Only**
- **Repeatable for Credit**
- **Available for Credit by Examination**
- **Designator Required**

### Abbreviated Title
- **Mech of Mtrl**

### Course Description (Prerequisites Included)
Mechanics of Materials, Sem. 1, 2 and SS, Class 3, cr. 3
Prerequisite: ME 270 or consent of instructor.
Analysis of stress and strain; equations of equilibrium and compatibility; stress-strain laws; extension, torsion and bending of bars; membrane theory of pressure vessels; combined loading conditions; transformation of stresses and principal stresses; elastic stability, elected topics.

### Campus(ES) Involved
- **Calumet**
- **Fort Wayne**
- **Indianapolis**
- **North Central**
- **West Lafayette**

### Signature
- **Calumet Undergrad Curriculum Committee**
- **Calumet Department Head**
- **Calumet School Dean**
- **Fort Wayne Department Head**
- **Fort Wayne School Dean**
- **Fort Wayne Chancellor**
- **Indianapolis Department Head**
- **Indianapolis School Dean**
- **Undergraduate Curriculum Committee**
- **North Central Department Head**
- **North Central Vice Chancellor**
- **Date Approved by Graduate Council**
- **West Lafayette Department Head**
- **West Lafayette School Dean**
- **Graduate Council Secretary**
- **West Lafayette Registrar**

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