

Structural Analysis - II

- Instructor : Hae Sung Lee, Professor

- **Text book and Reference**
 1. Structural Analysis - Classical and Matrix Approach by Jack C. McCormac and R. E. Elling
 2. Elementary Structural Analysis 4th Ed. by C. H. Norris
 3. Statically Indeterminate Structures by Chu-Kia Wang

- **Class Contents**
 1. Brief Review of Force Method (1)
 2. Influence Lines of Indeterminate Structures (2-3)
 3. Slope-Deflection Method (Stiffness Method) (4-7)
 4. Moment-Distribution Method (8-9)
 5. Energy Method (10-11)
 6. Matrix Method for Structural Analysis – Direct Stiffness Method (12-16)

- **Evaluation**

2 Mid Term Exams	:	40 %
Final Exams	:	30 %
Home work and attendance	:	30 %

* All information presented here may be changed as needed by the instructor.