

# 구조역학 - I

## Structural Analysis - I

2018 년 봄학기

- 담당교수 및 조교

담당교수	이해성
연구실	35-408
연락처	880-8388, e-mail : chslee@snu.ac.kr
Home Page	<a href="http://strana.snu.ac.kr">http://strana.snu.ac.kr</a>
담당 조교	송상원 / 임현홍 35-212, 880-7349 / 35-211, 880-8740

- 교 재

1. Class notes (will be posted at the web site in due course)
2. Structural Analysis - Classical and Matrix Approach by Jack C. McCormac and R. E. Elling
3. Elementary Structural Analysis 4th Ed. by C. H. Norris
4. Statically Indeterminate Structures by Chu-Kia Wang

- 강의 내용

1. Introduction of Structural Analysis (1)
2. Types of Structures and Supports (1)
3. Free-Body Diagram (2)
4. Forces and Moments and Their Diagram (2-3)
5. Analysis of Various Statically-Determinate Structures (4-5)
6. Virtual Work Principles and Related Issues (6-8)
7. Introduction of Statically Indeterminate Structures (9)
8. Flexibility for Analyzing Statically-Indeterminate Structures (10-13)
9. Influence Lines (14-16)



- 평가

- 중간 고사 2 회 : 40 % (April 9, May 14)  
기말 고사 : 30 % (4:00 – 7:00PM, June 13)  
숙제, 출석, 기타: 30 %