



What is CIVL 4122?

Course Title: Structural Analysis II

Course Description:

Analytical and numerical solutions for statically indeterminate structures.

1



What is CIVL 4122?

Prerequisites: CIVL 3121 - Structural Analysis I
CIVL 3322 - Mechanics of Materials

Course Meetings:

MWF 11:30 am - 12:25 pm, Room ES 114

2



What is CIVL 4122?

Instructor:

Dr. Charles Camp, Office: ES 106B
Phone: 678-3169 (office)
Email: cvcamp@memphis.edu

Office hours:

An "open door policy" or by appointment

Class web site: www.ce.memphis.edu/4122

3

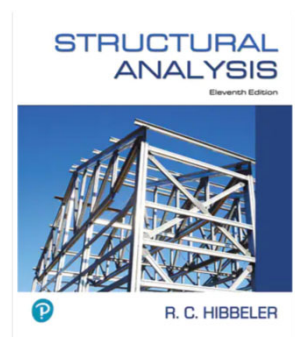


What is CIVL 4122?

Required Textbook:

Structural Analysis
Russell C. Hibbeler
Eleventh Edition
Pearson, 2024

ISBN-13: 978-0-13-802628-8
ISBN-10: 0-13-802628-9



4



What is CIVL 4122?

Grading

The final grades for the course will be based on the following percentages:

Components	Percentages
Homework	20%
Quizzes	70%
Project	10%

5



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Grading

Final letter grades will be based on the following scale which reflects the percentages as noted above.

Exam/Homework	Grade
90-100	A
87-89	B+
84-86	B
80-83	B-
77-79	C+
74-76	C
70-73	C-
Below 70	F

6



What is CIVL 4122?

Grading

- ▶ Regular attendance is necessary to maintain pace with the lectures and the class's progress.
- ▶ If you must be absent, please make sure you know the assignment for the following class meeting and turn in any work due that day.
- ▶ Assignments are posted on the class website.

7



What is CIVL 4122?

Make-up Work

- ▶ Generally, if a student misses a quiz or an exam, a score of zero will be recorded.
- ▶ However, the student may be allowed to make up an exam if a valid reason for the absence is presented to the instructor at the next class meeting.
- ▶ If the student must miss an exam because of a conflict in their schedule, they must notify the instructor in writing at least two days before the absence.

8



What is CIVL 4122?

Make-up Work

- ▶ To have your two lowest quiz scores and two lowest homework scores excluded from your class average, join the Remind page of the class (remind.com) using the code **ce4122**.

Remind



CIVL 4122 f24
@ce4122

9



What is CIVL 4122?

Topics

- Chapter 9** - Analysis of Statically Indeterminate Structures by the Force Method
- Chapter 10** - Displacement Method of Analysis: Slope-Deflection Equations
- Chapter 11** - Displacement Method of Analysis: Moment Distribution
- Chapter 14** - Truss Analysis Using the Stiffness Method
- Chapter 15** - Beam Analysis Using the Stiffness Method
- Chapter 16** - Plane Frame Analysis Using the Stiffness Method
- Chapter 17** - Structural Modeling and Computer Analysis

10



What is CIVL 4122?

Any questions?



11