

NORTHWESTERN UNIVERSITY
CIV_ENV 301-2 Syllabus
Professional Development Seminar 2

Thursday 3:30 – 4:20 pm, Winter quarter
Tech A230

Course Instructors: Madura Pathirage, madura-pathirage@northwestern.edu
George Wells, george.wells@northwestern.edu

Catalog Description – Preparation for the Fundamentals of Engineering (FE) exam.

Course Goals – At the end of this course, the students should:

1. Be able to pass the FE exam.

Grading: A grade of Satisfactory (passing) will be awarded to all students who attend the sessions for their major. Excused absences are allowed.

Reimbursement: The CEE department will reimburse up to \$200 of exam fees for any undergraduate civil engineering or environmental engineering student who satisfies all of these requirements:

1. Pass the FE Exam before graduation
2. Complete both 301-1 and 301-2
3. Submit reimbursement paperwork before graduation

Schedule:

Week	Date	Topic	Presenter
1	1/5/23	Introduction, FE Exam procedures	Wells
2	1/12/23	Mathematics	Pathirage
3	1/19/23	Probability & Statistics, Economics, Ethic	Pathirage
4	1/26/23	EE Fundamentals, Hydraulics & Hydrology	Wells
5	2/2/23	Statics & Dynamics, Mech. of Materials	Pathirage*
6	2/9/23	Water and Wastewater Engineering	Wells**
7	2/16/23	Structural Analysis & Design	Pathirage*
8	2/23/23	Environmental Science & Env. Chemistry	Wells**
9	3/2/23	Geotech, Transportation	Pathirage*

* Primarily CE topics

** Primarily EE topics