Reacting Flows (MCEN6001/ASEN6519): Syllabus

Course Purpose: To establish a fundamental understanding of reacting flows and combustion.

Professor: Peter Hamlington

1. Course Notes and Policies

1.1 Reading assignments: Reading assignments are to be completed *before* the lecture/discussion. The lecture/discussions should help to clarify and supplement what you have read.

1.2 Homework: Homework assignments are due at the start of class on the due date. *There is a five-minute grace period, 9:30 am – 9:35 am, during which the homework may be submitted.* If you must miss class for an excused absence, you may submit your homework early. Late assignments are not accepted—that includes assignments slipped under the professor's door after class has started. However, if you will not be attending class you may submit your homework early by slipping it under the professor's door. If you know in advance that you must miss a homework due date, send your instructor an e-mail or voice mail to make arrangements.

Collaboration is permitted on homework. This means you may discuss the means and methods for solving problems and even compare answers, but you are not free to copy someone's assignment. The work that you turn in must be your own—copying is not allowed for any assignments.

It is your responsibility to make your homework solutions clear and legible. The graders have the discretion to deduct points for solutions that are hard to read or unprofessional in appearance. Unless the problem requires only a conceptual or short answer, the following format is recommended. This will facilitate grading and will assist you to approach problems in a consistent, organized way that will lead to the correct solution. Problems may be written by hand or typed, but must be submitted in hard copy. Email/electronic submittals will not be accepted.

i. Clear and succinct problem statement, including variables that are given and quantities to be found. This should be paraphrased and in your own words.
ii. Schematic/sketch (unless it is obviously not needed). Show the system to be analyzed and list relevant information on the figure.
iii. List of assumptions.
iv. Physical laws/governing equations and label the equations.

C+	77-79
C	74-76
C-	70-73
D+	68-69
D	63-67
D-	60-62
F	59 or below

1.6 Policy on Privacy of Graded Work: Federal law requires that your grades be communicated to you privately. You will be assigned a unique, private ID number for this purpose. Put this number on all work that you hand in, instead of or in addition to your name. You can pick up your graded work filed under this number. Grades will be posted on CULearn as well, where the ID number will also be available. Graded assignments will be placed in the ME common filing cabinet.

1.7 Accommodation of Disabilities or Religious Commitments: If you qualify for accommodations because of a disability, please submit to your professor a letter from Disability Services in a timely manner (for exam accommodations provide your letter at least one week prior to the exam) so that your

On assignments that require you to use supplemental materials, it is also essential that you properly document the sources of information you use.

Any instances of dishonesty on homework or tests will result in a minimum sanction for your first violation of the honor code of a zero score and an entry in your departmental file. Additional sanctions will be imposed for subsequent violations. You may contest any accusation according to the campus honor code system.

2.3 Academic Climate – In-Class Expectations: It is our expectation that each of you will be respectful

Using degrading terminology in referring to others, including peers.

The University of Colorado Discrimination and Harassment policy is stated below.

3. University Notes and Policies

3.1 University of Colorado at Boulder Honor Code Policy: All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy may include: cheating, plagiarism, aid of academic dishonesty, fabrication, lying,