AME 513
Principles of Combustion
Fall 2018, OHE 100C, F 9:00-11:50 am

Instructor: Fokion N. Egolfopoulos
Office: OHE 400B Tel: 740-0480
E-mail: egolfopo@usc.edu
Office Hours: Anytime by appointment

Teaching Assistant: Ashkan Movaghar; movaghar@usc.edu
Office Hours: Anytime by appointment

References:
2. Unpublished notes updated yearly, by C.K. Law & F.N. Egolfopoulos (will be provided).

Topics:
Introduction; Chemical Thermodynamics; Chemical Kinetics; Transport Phenomena; Conservation Equations; Non-Premixed Flames; Premixed Flames; Aerodynamics of Laminar Flames; Environmental Combustion Considerations

Grading:
Midterm Exam October 26, 2018 (F) (9:15 am-10:45 am) 35%
Final Exam December 10, 2018 (M) (11:00 am-1:00 pm) 45%
Homework 20%

Note: The use of laptops or cell phones to access the internet/e-mail during class and/or exams is not allowed. Such devices are allowed only to access material pertaining to the class.