



OXNARD COLLEGE FIRE TECHNOLOGY
FT R154 Fire Behavior and Principles of Combustion
Fall Semester 2020

Assistant Dean of Public Safety, Matthew Jewett
Department Chair, Mike Ketaily
FSTA

FT R154
Class Section Number: 72291
Instructor: Kevin Kearns
Fall 2020
E-Mail: kevin_kearns@vcccd.edu
Phone: 805 341-6290

Online Office Hours: Monday 3:00 pm. please Email me for an appointment, use your VCCCD.edu Email ONLY.

This is an Online class only, there will be no face to face meetings

First day of class (August 17th) I will be online from 9:00-10:00 am & 7:00 -8:00 pm. Those sessions will also be recorded in case you cannot attend. This will be to give you an overview of what's expected and answer any questions you have.

Expected time commitment for this 18-Week, 3 unit class:

- Online Learning & Activities: 3 hours a week. Due regular due dates, Saturdays at 11:59 pm
- Additional Homework: 3-6 hours a week
- This class is **18 WEEKS** you cannot get behind



OXNARD COLLEGE FIRE TECHNOLOGY

FT R154 Fire Behavior and Principles of Combustion

Fall Semester 2020

1. STUDENT LEARNING OUTCOMES:

Students will be able to:

- A.** Describe the principles of combustion and the concepts of fire behavior and apply to fire suppression activities.
- B.** Define and use basic terms and concepts associated with the chemistry and dynamics of fire.
- C.** Demonstrate knowledge of the characteristics of water as a fire suppression agent and identify other suppression agents and strategies.
- D.** Recognize how fire behavior affects fire ground operations and strategies.

2. CATALOG DESCRIPTION:

This course introduces the student to the principles of fire behavior and combustion and how these factors relate to a multitude of fire ground operations.

Textbook: Principles of Fire Behavior

Book by James G. Quintiere 2nd Edition

SUPPLEMENTAL READING: From time to time, the instructor may provide supplemental reading material for which the students will be responsible.

3. ANNOUNCEMENTS

I will use the announcements feature in Canvas to share WEEKLY information and remind you of upcoming requirements. Please log in a minimum of 2 times a week so you don't miss any important and timely information.



OXNARD COLLEGE FIRE TECHNOLOGY

FT R154 Fire Behavior and Principles of Combustion

Fall Semester 2020

4. MODULES

We will go through the course in MODULES. We cover 2/3 modules a week. Each module contains:

- Chapter Outline/Power Points/Content
- Discussion Post Activity
- Quiz and/or Assignment

Note: Everything you need for that week will be ‘housed’ in the module. To access course modules; click modules on the left navigation bar.

5. CALENDAR AND PACE

The class **IS NOT** self-paced. While you can choose when to read, post and submit, **THERE ARE DEADLINES**. It is very important that you plan your week to give you sufficient time to complete all work. All ACTIVITIES are due by Sunday at MIDNIGHT on their corresponding due date.

6. ACTIVITIES

Assignments must be submitted by the date/time indicated. No late work will be accepted. No emailed assignments. All assignments are due by Sunday at Midnight (11:59pm). Assignments will be open prior to the due dates for students wanting to submit early.

7. Quizzes, Discussions, & Assignments

There will be 10 quizzes, 10 Discussions, & 5 Assignments. The quizzes are multiple choice. Exams will be open for approximately 72 hours. Because of the large testing window there are no make-ups. PLEASE plan your schedule accordingly



OXNARD COLLEGE FIRE TECHNOLOGY

FT R154 Fire Behavior and Principles of Combustion

Fall Semester 2020

8. DISCUSSION BOARD

Generally, there is 1 discussion per chapter/module. Discussions for each module will be opened at the beginning of each week but must be completed by their specific due dates. For full credit you must post your own original post then respond to at least 1 other students by Saturday at MIDNIGHT of the due date. No make ups for missed discussion posts. Please make every effort to respond to classmates (or me) that have asked you a question.

When responding to classmates, look for students that have not yet been replied to. Discussions are found in the modules and in the discussion section for the course. Your thorough participation (making comments, posting questions, and adding feedback) on this discussion board throughout the week counts as 5 points towards your grade. Grammar and spell check is available on the discussion board and should be used, as this will also be taken into consideration when grading the assignments. Please use black font. I will be frequently checking the discussion boards and providing input and commentary, as this is a very important part of your grade and knowledge base for the class. Please keep in mind online writing etiquette (netiquette). Use of profanity, bullying etc. will not be tolerated.

9.24/7 Café & Question Boards

Please use these as needed/desired to share information or ask questions. I will generally check the General Question board several times a day. Post your questions pertaining to the class in this forum so that others can benefit. Class Participation/Attendance: To increase student success and to prevent fraud, students must 'engage' in the class multiple times a week through the discussion board. Note: If you do not participate for 2 consecutive discussion posts you may be dropped.



OXNARD COLLEGE FIRE TECHNOLOGY

FT R154 Fire Behavior and Principles of Combustion

Fall Semester 2020

10. Participation

I will be monitoring your participation in the class. Students that have low log on hours will receive a warning Email from me **ONE** time. Again, I expect to see at least 3 to 6 hours of work per week.

I will be keeping track of those who attend a Zoom Meeting, and giving participation points. Zoom meetings are not mandatory. All Zoom Meetings will be recorded. They are important because many of the questions for the quiz or Discussions will come from these meetings.

NOTE: To be counted present at the start of the class you must complete the first module by Wednesday 8/20 or you will be considered a NO SHOW and will be dropped – no exceptions.

Contacting Me:

I generally check my email several times a day during the week and once or twice during the weekend. Please plan ahead – if you email me at 11:30 pm the night an assignment is due it is very unlikely you will get a timely response. Cell phone for texting: (805) 341-6290 (please identify yourself and the class)

Grading:

Point totals are as follows:

Quizzes	10 quizzes	10 points each =	100
Discussions	10 discussions	10 points each =	100
Assignments	05 assignments	10 points each =	50
			250 points possible

Mid Term: 50 points Final Exam: 50 Points

100
350 Total points



OXNARD COLLEGE FIRE TECHNOLOGY FT R154 Fire Behavior and Principles of Combustion Fall Semester 2020

Grades will be determined by the following scale:

<u>Percent</u>
90% = A
80% = B
70% = C
60% = D
= F

Students may be dropped, at instructor's discretion; if assignments, quizzes, or discussions are not being done in a timely manner I will drop you. *Oxnard College Catalog Academic Policies, page 18.* Please don't test me on this!

Important Information To Remember

VCCCD Production Database

Fall 2020

Full Term

CRN	SUBJ	CRSE	SEC			CREDITS
72291	FT	R154	002	FIRE BEHAVIOR/PRINCIP OF COMB		3.00
INSTRUCTOR(S) - (P)primary				TYPE	DAYS	TIME
Kearns, Kevin (P)				Dist Ed: Internet delayed	TBA	-

DATES:	Class starts:	17 AUG 2020	Class ends: December 16, 2020
	Census Deadline:	07 SEP 2020	Census Date: 09/08/2020
	Deadline to drop <u>WITHOUT "W"</u> :	07 SEP 2020	Deadline to drop <u>WITH "W"</u> : 11/20/2020

October 29th Graduation & Certificate Petition Deadline



OXNARD COLLEGE FIRE TECHNOLOGY FT R154 Fire Behavior and Principles of Combustion Fall Semester 2020

Plagiarism will not be tolerated. Any evidence of cheating will result in referring your name to the college administration for disciplinary action. Oxnard College Catalog Academic Policies, Page 23.

Students like to cut and paste answers from Google or Bing for assignments, this is considered **Plagiarism**.

Students with learning disabilities: For student assistance and/or to be evaluated, please contact OC Educational Assistance Center at 986-5830.

Statement of Reasonable Accommodation:

Oxnard College faculty members fully support the Americans with Disabilities Act (ADA), Title 5, Section 508, and the Rehab. Act of 1973. Members of the faculty will provide reasonable accommodation to any student with a disability who is registered with the Educational Assistance Center (EAC) who needs and requests accommodation. Faculty may wish to contact the EAC to verify the presence of a disability and confirm that accommodation is necessary. EAC will arrange and provide for the accommodation. Reasonable accommodation may involve allowing a student to use an interpreter, note taker, or reader; accommodation may be needed during class sessions and for administration of examinations. The intent of the ADA in requiring consideration of reasonable accommodation is not to give a particular student an unfair advantage over other students, but simply to allow a student with a disability to have an equal opportunity to be successful.

Students who leave the class are expected to follow the appropriate drop procedure. Students who drop the course but who do not formally withdraw and complete the appropriate drop procedures may expect to receive an "F" grade for the course.

**Keep a copy of this Syllabus for your records
many colleges require these upon registration**



OXNARD COLLEGE FIRE TECHNOLOGY
FT R154 Fire Behavior and Principles of Combustion
Fall Semester 2020