



**Palm Beach Community College
Course Syllabus – Classroom Courses**

General Class and Course Information

Course number: FFP 2541 Class Reference Number: 132790 Term: 2010-1

Course title: Private Fire Protection Systems II Credit/Contact hours: 3

Course Description: This course is an in-depth discussion of pre-engineered and portable systems, extinguishing agents, inspection procedures for code compliance and enforcement, and alarm systems. This course is part of the Fire Inspector II state certification and is presented as an intermediate course.

Pre-Requisite: FFP 1540 Private Fire Protection Systems I

Course Learning Outcomes: As a result of taking this course, the student will be able to

1. The student will demonstrate an understanding of pre-engineered and engineered systems by:
 - a. naming the components of a pre-engineered and engineered systems.
 - b. explaining how a pre-engineered system operates.
 - c. explaining how a engineered system operates.
 - d. describing the applications of a pre-engineered and engineered systems.

2. The student will demonstrate an understanding of extinguishing agents by:
 - a. listing the different types of extinguishing agents.
 - b. defining the different extinguishing agents.
 - c. describing the properties of the various extinguishing agents.

3. The student will demonstrate an understanding of alarm systems associated with pre-engineered and engineered systems by:
 - a. naming the components of a system alarm associated with pre-engineered and engineered systems.
 - b. describing the activation of the alarm system.
 - c. listing the associated compliance codes required for alarm systems.

4. The student will demonstrate an understanding of inspection procedures by:
 - a. describing the inspection procedure for a pre-engineered and engineered systems.
 - b. listing the inspection guidelines for pre-engineered and engineered systems.
 - c. explaining the need for inspections of all systems.

Full Course Outline: Click on the following link: http://www.pbcc.edu/Documents/Course_Outlines/f/FFP2541.pdf

Class Schedule

Session 1: 08/19/09 – Wednesday evening – 1800 to 2200 hours
Introduction and course overview
Fire Alarm Systems and Components
Expert speaker for alarm systems

Session 2: 08/22/09 – Saturday morning – 0830 to 1230 hours
Quiz on Alarm Systems
Fire Extinguishers
Extinguishing agents
Hands-On Training

Session 3: 08/22/09 – Saturday afternoon – 1330 to 1730 hours



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Field Trip – Fire Extinguisher Facility

- Session 4: 08/25/09 – Tuesday evening – 1800 to 2200 hours
Quiz on Fire Extinguishers
Hoods & Ducts
Elevators
- Session 5: 08/28/09 – Friday evening – 1800 to 2200 hours
Engineered Systems
- Session 6: 08/31/09 – Monday evening – 1800 to 2200 hours
Expert speaker for engineered systems
Quiz on engineered systems
- Session 7: 09/03/09 - Thursday evening – 1800 to 2200 hours
Inspection procedures code compliance and review
Halon and Halon Replacement
Vehicle Extinguishing Systems
Expert in the field of vehicle extinguishing systems
- Session 8: 09/9/09 – Tuesday evening – 1800 to 2200 hours
Present Class Projects and reports
- Session 9: 09/12/09 – Saturday morning – 0830 to 1230 hours
Pre-Engineered Systems
Expert speaker for engineered systems
Quiz on pre-engineered systems
- Session 10: 09/12/09 – Saturday afternoon – 1330 to 1730 hours
Field Trip – Kitchen Pre-Engineering Facility

Textbook(s) Information: Fire Protection Handbook 2008 Ed. NFPA

Web Content Information: N/A

Professor's Contact Information

Professor's Name: Mark Davis
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Home Page: <http://www.pbcc.edu/x461.xml?id=Davisma>
Office Hours:

Class Requirements

Assignments :Quizzes and exams are 25% of grade, Class participation (including field trips) 25% of grade, Final Project 50% grade.

Late Assignment Policy: No assignments will allowed to be turned in late.



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Grading Scale and Policy: All students must maintain an average grade of 70% on all quizzes to pass this course. A grade of at least 70% is required to pass the mid-term examination, the final examination, and the course. The final exam grade will become the final grade of the course, and will be expressed as follows:

Percentage	Grade
93 – 100	A
85 – 92	B
78 – 84	C
70 – 77	D
<70	F

Students in this course may be taking this course:

for college credit; in preparation for the Florida Fire Inspector examination; as continuing education for re-certification as a fire inspector.

All students in this course are required to successfully complete all course homework, projects (including a term paper), and examinations, regardless of their reason for taking the course.

Tests, Quizzes, and Final Examination Schedule: Quizzes and exams are 25% of grade, Class participation (including field trips) 25% of grade, Final Project 50% grade.

Make-up Exam Policy: No make exams after final day of class.

Class Policies and Methodology

Attendance: Professors are required to take attendance. Students are expected to attend all courses and course activities for which they are registered. Any class meeting missed, regardless of cause, reduces the opportunity of learning and may adversely affect a student’s achievement in the course. Students are required to attend at least 90% of the total class hours in order to receive credit for the course. An accurate record of attendance will be kept for each course. If a student misses one-fourth or more of a class session, the student will be counted absent. Being tardy 3 times will count as one absence. Leaving early will be treated the same as being tardy.

Electronic Device Use: Cell phone will be on silent /vibrate, laptops are allowed and encouraged.

Email Policy: Email the instructor at the above email address

Equipment and Supplies: No extra equipment or supplies needed

Professor’s Expectations: The student will participate in all class discussions, field trips and group projects.

Methods of Instruction: There will be a combination of lecture from instructor, lecture with Q&A from field experts as well as group projects and class participation.

Unique Requirements of the Class: Dress for students in the classroom setting shall be business casual (no shorts, t-shirts, or open-toe shoes). T-shirts will be permitted in the field setting at the instructor’s discretion, a shirt with a collar is required on days schedules for field trips. Hats may not be worn inside the building, and if worn outdoors must be worn properly (ball caps facing forward not sideways or backward, etc.) Students will not be allowed to continue in the class until dressed appropriately. Eating and drinking are confined to the cafeteria and break areas. No food or drink allowed in the classroom, with the exception of water. Smoking is not permitted in any College building and will be allowed only in the parking lot.



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College Policies and Web Information

Academic Dishonesty

Academic dishonesty includes the following actions, as well as other similar conduct aimed at making false representation with respect to the student's academic performance:

(1) Cheating on an exam, (2) Collaborating with others on work to be presented, if contrary to the stated rules of the course, (3) Submitting, if contrary to the rules of the course, work previously submitted in another course, (4) Knowingly and intentionally assisting another student in any of the above actions, including assistance in an arrangement whereby work, classroom performance, examination, or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed, (5) Plagiarism.

Please refer to the **Palm Beach Community College Student Handbook** (www.pbcc.edu/Documents/Marketing/studenthandbook.pdf) for further information.

Classroom Etiquette and Student Behavior Guidelines

Students will demonstrate respect for professors and fellow students. Behavior that is disruptive to a positive learning environment reported by the professor will result in a warning on the first instance; the second instance might result in expulsion from the course or campus.

Computer Competency Component

Each student will, to the satisfaction of the professor, demonstrate a fundamental understanding of basic computer operations through various professor-determined exercises and/or assignments.

Disability Support Services

Students with disabilities are advised, in compliance with federal and state laws, that accommodations and services are available through the office of Disability Support Services (DSS). It is the student's responsibility to contact Disabled Student Services Advisors and to submit appropriate documentation prior to receiving services. Please see the website at www.pbcc.edu/disabilities.xml.

Eating, Drinking and Smoking

Eating and drinking are confined to areas designated on the campus. Smoking is not permitted in any College building and only in areas designated at each campus.

Student Responsibility Policy

When a student attends the College, s/he becomes subject to its jurisdiction. Students are expected to conduct themselves in a responsible manner, in all areas of campus life. By enrolling, they pledge to obey the rules and regulations of the College and are responsible for observing all College policies and procedures as published in the student handbook, the College catalog and other College publications. The student will be responsible for preparing for class, participating in class, and completing assignments on time.

PBCC Websites of Interest

Please see this web page (www.pbcc.edu/x340.xml) for a list of web addresses for students.

Withdrawal Policy for Individual Courses

The last day to withdraw from a College course with a "W" grade in this course is 08/31/2009. It is the responsibility of the student to use the PantherWeb system or visit a campus Registrar's office to withdraw. An official withdrawal entitles the student to a grade of "W" in the class.

Department Contact Information

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