



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

General Class and Course Information

Course number: FFP 2521 Class Reference Number: 132461 Term: 2010-2

Course title: Blueprint Reading and Plans Examination Credit/Contact hours: 3

Course Description: This course is an introductory course to architectural working drawings and their reading and interpretation.

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

General Education Learning Outcomes:

- Critical Thinking - Evaluate arguments; separate fact and opinion; recognize points of view; understand implications and consequences, and acknowledge diverse values.
- Technology and Information Literacy - Use printed materials, personal communication, observation, and technological applications to find, evaluate, organize and present information in order to achieve educational and professional success.
- Ethics - Demonstrate a responsibility for personal, social, professional, educational and natural environments and make informed decisions based on those responsibilities.

Course Learning Outcomes:

- Demonstrate ability to calculate the dimensions, area and volume of complex building shape.
- Demonstrate ability to use architectural rule.
- Recognize variety of types and methods of construction as represented on architectural drawings.
- Interpret working drawings and specifications for residential, light and heavy commercial structures.

Methods of Assessment:

- Objective Tests
- Group Participation
- Comprehensive Final Exam

Full Course Outline: Click on the following link: Cut and paste in web link to course outline available at <http://www.pbcc.edu/x4247.xml>

Class Schedule

February 17, 23, 26, March 1, 4, 16, 19, 22, 25, 31, 2010

PBCFR "B" Shift Weekdays 6:00 PM – 10:00 PM Room #SCA-140

Textbook(s) Information: Print Reading for Construction - Residential and Commercial - Textbook and Worksheets by Walter C. Brown - Publisher - Goodheart-Willcox Company ISBN 1-59070-347-2

Web Content Information: N/A

Professor's Contact Information

Professor's Name: Mark Davis

Office Location: N/A

Telephone: Cell: 561 310-7305

Email address: davisma@pbcc.edu

Home Page: <http://www.pbcc.edu/x461.xml?id=Davisma>



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Office Hours: N/A

Class Requirements

Assignments :Session 1

Course overview

Unit 1 – Construction Drawings

Unit 2 – Reading Measuring Tools

Unit 3 – Construction Mathematics Review

Session 2

Unit 4 – Lines and Symbols

Unit 5 – Freehand Technical Sketching

Unit 6 – Pictorial Drawings

Unit 7 – Orthographic Drawings

Session 3

Unit 8 – Dimensioning

Unit 9 – Construction Materials

Unit 10 – Specifications

Quiz

Session 4

Unit 11 – Plot Plans

Unit 12 – Foundation Prints

Unit 13 – Commercial Framing Prints

Class Project Specifications and Grading Scale Provided – Due 2/7/05

Session 5

Mid-Term Examination

Session 6

Review of Mid-Term Examination

Unit 14 – Residential Framing Prints

Unit 15 – Plumbing Prints

Session 7

Unit 16– HVAC Prints

Unit 17 – Electrical Prints

Unit 18 – Masonry Prints

Unit 19 – Welding Prints

Session 8

Unit 20 – Estimating Construction Costs

Class Project Presentations

Session 9

Advanced Project A



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Advanced Project B
Advanced Project C
Advanced Project D

Session 10
Review for Final Examination
Final Examination

Late Assignment Policy: [Click here](#) and describe your policy.

Grading Scale and Policy: All students must maintain an average grade of 70% or higher to pass this course.

The course will be graded as follows:
Mid Term Examination – 25% of course
Class Project – 25% of course
Final Examination – 50% of course

The following will be the grading scale used to calculate your final grade:

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

Tests, Quizzes, and Final Examination Schedule: [Click here](#) and type the specifics on evaluations, including dates and places.

Make-up Exam Policy: [Click here](#) and describe your policy.

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: [Click here](#) and add your cell phone/laptop/etc. policy

Email Policy: [Click here](#) and specify how email is to be used in your class.

Equipment and Supplies: [Click here](#) and type equipment and supplies that will be required for your class.

Professor’s Expectations: [Click here](#) and type specific expectations, e.g., the student will participate in all class discussions.



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Methods of Instruction: Click here and type teaching and learning methods, e.g., lecture, group projects, that will be used.

Unique Requirements of the Class: Students in this course may be taking this course for college credit, in preparation for the Florida Fire Inspector examination, or as continuing education for re-certification as a fire inspector.

Regardless of the reason for taking the course, ALL students in this course are required to maintain the minimum score and must successfully complete all course requirements to pass this course.

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 March 19, 2010. 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

Department Contact Name: B. Val Williams



**Palm Beach Community College
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