

MARTIN COMMUNITY COLLEGE
COURSE SYLLABUS
Semester/Year: Spring/2011

COURSE NUMBER: BPR 130 (01)	INSTRUCTOR: Ryal Watkins
COURSE TITLE: Blueprint Reading for Construction	OFFICE NO: Building 1, Room 28
CREDIT HOURS: 2	OFFICE/VIRTUAL HOURS: na
CONTACT HRS/WK: 3 (1 class, 2 lab)	PHONE NO: (252) 789-0278
PREREQUISITES: None	FAX: (252) 792-0826
COREQUISITES: None	E-MAIL: rwatkins@mcc.martincc.edu

COURSE DESCRIPTION:

This course covers the interpretation of blueprint and specifications that are associated the construction trades. Emphasis is placed on interpretation of details for foundations, floors plans, elevations, and schedules. Upon completion, students should be able to read and interpret a set of construction blueprints.

PROGRAM LEARNING OUTCOMES:

1. Perform tasks with accuracy, dependability, proficiency, safely, and in a timely manner when building and repairing in a residential project
2. Build a structure in compliance with the North Carolina Residential Code
3. Discuss construction industry standards and employer/customer expectations for employees in the construction industry workplace

COURSE LEARNING OUTCOMES:

1. Demonstrate the ability to draw details, elevations, and sections to scale
2. Identify different types of drawings, plans, symbols, and abbreviations
3. Explain and demonstrate how navigate through a full set of blueprints

REQUIRED TEXTBOOKS:

Huth, M.W., (2005). Understanding construction drawings (4th ed.). Clifton Park, New York: Thomson Delmar Learning. ISBN 978-1-4018-6269-5 - ISBN 1-4018-6269-5

SUPPLEMENTAL RESOURCES:

An architectural and engineering scale, graphing paper, & plain white paper

LEARNING/TEACHING METHODS: Lecture, group projects, individual activities, outside reading assignment, and sketching

ASSESMENTS/METHODS OF EVALUATION:

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|-------------------------------|-----|
| 1. Tests | 50% |
| 2. Attendance | 10% |
| 3. Assignments | 25% |
| 4. Outside Reading Assignment | 5% |
| 5. Final Exam | 10% |

GRADING POLICY:

90 - 100%	A
80 - 89%	B
70 - 79%	C
60 - 69%	D
0 - 59%	F

COURSE OUTLINE:

Week 1	Orientation, Types of Plans, Drawings, & Lines
Week 2	Architectural Scaling
Week 3	Engineering Scaling
Week 4	Abbreviations & Symbols
Week 5-8	Lake House Plan & Draw a Section
Week 9-11	Apartment Plan & Draw an Elevation
Week 12-15	High school Addition Plan & Draw a Detail
Week 16	Final Exam

STUDENT ATTENDANCE POLICY:

Class attendance is considered a necessary part of education experience and is required in curriculum courses. For reason, each student will expected to be present and on time for every class and lab meeting. The maximum number of hours students are permitted to miss has been established at 20 percent of the total contact hours of a curriculum course. Three tardies equal one hour of absence. For this course, six hours is the maximum number of hours a student can miss and still receive a passing grade.

REQUEST FOR EXCUSED ABSENCES FOR RELIGIOUS OBSERVANCES*

***In compliance with G.S. 115D-5, MCC policy permits a student to be excused, with the opportunity to make-up any test or other missed work, a minimum of two excused absences per academic year for religious observances required by the student's faith. The policy limits the excused absences to a maximum of two days per academic year.**

Students who wish to be excused for a Religious Observance required by their faith must complete and submit a request form to the instructor(s) prior to the census date of each class. The *Request for Excused Absences for Religious Observances* form can be picked up from Student Services. This does not supersede the college-wide attendance policy as outlined in the college catalog or syllabus, with the exception of a reasonable accommodation for the make-up of missed course work.

COURSE POLICIES:

Safety is the first priority during this class, if the instructor is not confront able with a action of a student / students or a certain situation, the instructor has the authority to take action to make the situation safer.

Make-up Policy: The lowest test grade will be dropped "NO TEST WILL BE MADE UP"

Dress Code: Shirts must be worn at all times. No sandals or flip flops are allowed.
(NO EXCEPTIONS)

Cell phone and scanners will be turned OFF during class/lab hours unless permission granted
By instructor.

No tobacco products will be used during class period. Including Class and Project sections.

If you cannot reach your instructor, you may contact Dr. Phyllis Broughton at (252) 789-0246 or (252) 789-0247 by phone, pbroughton@martincc.edu by e-mail, or in person at her office in Building 2, Room 3.

To access the Martin Community College Career Catalog for policies and curriculum requirements, please go online to www.martincc.edu.

If you have a need for a disability-related accommodation, please notify the Student Services counselor at (252) 792-0293.