

BPR-111-201

Blueprint Reading (1-2-2)

Fall 2017

Instructor:

Email:

Class Time: Thursday – 1:00 PM - 3:30 PM (ROOM 2020)

Office Location:

Office Phone:

Office Hours:

COURSE DESCRIPTION

This course introduces the basic principles of blueprint reading. Topics include the types, orthographic projections, dimensioning methods, and notes. Upon completion, students should be able to interpret basic blueprints and visualize the features of a part.

REQUIRED COURSE MATERIALS

Textbook –

Basic Blueprint Reading & Sketching, 9th Edition, Delmar Cengage Learning

Instructional handouts.

Instructor to student learning and teaching methods.

Supplies –

Calculator

Technology –

“No Technology Required”

STUDENT LEARNING OUTCOMES

- A. Demonstrate knowledge of the basic lines and symbols represented on mechanical drawings.
- B. Demonstrate knowledge of the relationship of the views on detail and assembly drawings.
- C. Demonstrate a working knowledge of general and coordinate dimensions.
- D. Demonstrate an understanding of unilateral, bilateral tolerances and limit dimensions.

E. Demonstrate knowledge of symbols and definitions used with geometric dimensions and tolerances.

F. Read and understand blueprints from all around the world.

EVALUATION / GRADING

Your final grade will be determined as follows:

Tests	20 %
Assignments	15 %
Final Exam	30 %
Portfolio	5 %
Attendance/Participation	30 %

GRADING SCALE

This course uses the following grading scale:

A = 92 to 100

B = 85 to 91

C = 76 to 84

D = 70 to 75

F = Less than 70

I = Incomplete

ATTENDANCE POLICY

[The Cleveland Community College Attendance Policy](#)

CODE OF CONDUCT POLICY

[Student Responsibilities \(Student Code of Conduct\)](#)

ACADEMIC AND PHYSICAL ACCOMMODATIONS

Access and Accommodations: Your experience in this class is important to your instructor, and it is the policy and practice of Cleveland Community College to create inclusive and accessible learning environments consistent with federal and state law. If you experience barriers based on a temporary health condition or disability (which could include but is not limited to mental health, attention-related, learning, vision, hearing, physical or health impacts) and as a result cannot participate fully in this class, complete

course requirements, or benefit from the College's programs or services, contact Disability Services as soon as possible.

To receive any academic accommodation, you must be appropriately registered with Disability Services at CCC. This office works with students confidentially and does not disclose any disability-related information without the student's permission. You are welcome to contact them at 704-669-4096 or disabilityservices@clevelandcc.edu. If you have already established accommodations with Disability Services for this semester your instructor has been notified. You will want to discuss your approved accommodations with your instructor at your earliest convenience to make sure your needs in this course are met.

If you have a condition which may affect your ability to exit the premises in an emergency or which may cause an emergency during class, you are encouraged to discuss this in confidence with the instructor and/or Disability Services.

ACADEMIC INTEGRITY POLICY

[CCC Academic Integrity Policy](#)

CALENDAR / IMPORTANT DATES

[Calendar and Important Dates](#) for this term.

COURSE SCHEDULE

Add any important dates for this class. For hybrid courses, the days the class meets on campus must be listed. All field trip dates must be listed. Include other dates as you see fit. If pasting text, right-click and choose "Keep text only".

ADDENDUM

- a. No Food or Drinks
- b. No ringers, on cell phones