

# BLUEPRINT READING (BRX)

---

## BRX 110 (2 credit hours)

### Basic Blueprint Reading for Machinist

Basic applied math, lines, multi-view drawings, symbols, various schematics and diagrams, dimensioning techniques, sectional views, auxiliary views, threads and fasteners, and sketching typical to all shop drawings are presented. Safety will be emphasized as an integral part of the course. Lecture: 2 credit hours (30 contact hours).

**Attributes:** Technical

**Components:** LEC: Lecture

## BRX 112 (4 credit hours)

### Blueprint Reading for Machinist

Provides the student with a beginning and advanced series of lectures, demonstrations, and practice exercise in the study of prints. Safety will be emphasized as an integral part of this course. Lecture: 4 credits (60 contact hours).

**Attributes:** Technical

**Components:** LEC: Lecture

## BRX 120 (3 credit hours)

### Basic Blueprint Reading

Includes basic applied math, lines, multiview drawings, symbols, various schematics and diagrams, dimensioning techniques, sectional views, auxiliary views, threads and fasteners, and sketching typical to all shop drawings. Emphasizes safety as an integral part of the course. Lecture: 3 credits (45 contact hours).

**Attributes:** Course Also Offered in Modules, Technical

**Components:** LEC: Lecture

## BRX 210 (2 credit hours)

### Mechanical Blueprint Reading

Provides the student with an advanced series of lectures, demonstrations, and practice exercises in the study of prints involving math (both decimal and metric), combination of lines, multi-view drawings, assembly drawings, fasteners, machining and construction processes, datum coordinates, numerical control prints, sheet metal prints, welding, casting and forging prints. Safety will be emphasized. Lecture: 2 credits (30 contact hours).

**Pre-requisite:** BRX 110 with a grade of C or greater or Consent of Instructor.

**Attributes:** Technical

**Components:** LEC: Lecture

## BRX 220 (3 credit hours)

### Blueprint Reading for Construction

Provides a series of lectures, demonstrations, and practice exercises in the study of symbols, views, sections, details, and material lists found on architectural working drawings, building materials and specifications lists, and construction dimensioning systems and charts/schedules. Lecture: 3 credits (45 contact hours).

**Attributes:** Course Also Offered in Modules, Technical

**Components:** LEC: Lecture

## BRX 2201 (1 credit hours)

### Basic Construction Prints

Provides a series of lectures, demonstrations, and practice exercises in the study of symbols, views, sections, details, and material lists found on architectural working drawings and construction dimensioning systems and measurements. Lecture: 1 credits. (15 contact hours).

**Components:** LEC: Lecture

## BRX 2202 (2 credit hours)

### Construction Blueprints

Provides a series of lectures and practice exercises in the study of symbols, views, sections, details, and material lists found on architectural working drawings, building materials and specifications lists, and charts/schedules. Lecture: 2 credits (30 contact hours).

**Pre-requisite:** BRX 2201 or Consent of Instructor.

**Attributes:** Technical

**Components:** LEC: Lecture