



Gasconade R-2
Objective Course Curriculum Report for: Drafting -
Ninth Grade

Generated on 11/23/2015

Name

Drafting Objective 1

Unit Objective

The student will learn to sketch using proper sketching skills and techniques

Created By

System

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5/19/2013 7:16:37 PM +00:00

Modified By

System

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11/19/2013 5:20:56 PM +00:00

Sequence

1

Assessment Methods

Essential Questions

Course

Drafting

Unit

Sketching

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of sketching through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 2

Unit Objective

The student will identify typical drafting applications and careers which are used effectively in industry.

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System

Modification Date

11/19/2013 5:27:11 PM +00:00

Sequence

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Essential Questions

Course

Drafting

Unit

Language of Drawing

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of the language of drafting through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

Research-based Instructional Strategies

Supporting Resources

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Drafting Objective 3

Unit Objective

The student will use and properly care for drawing instruments used to complete technical drawings.

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11/19/2013 4:56:49 PM +00:00

Sequence

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Essential Questions

Course

Drafting

Unit

Drawing Equipment

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of drawing equipment through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 4

Unit Objective

The student will learn to read and use the various scales located on an architect's and an engineering scale.

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System

Creation Date

Modified By

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11/18/2013 10:53:05 PM +00:00

Sequence

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Essential Questions

Course

Drafting

Unit

Measurement and Scales

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of measurement and scales through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 5

Unit Objective

The student will use lettering techniques needed for clear and neat freehand notes and dimensions on a technical drawing.

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Sequence

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Essential Questions

Course

Drafting

Unit

Lettering

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of lettering through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 6

Unit Objective

The student will properly layout a drawing format

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Drafting

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Drawing Layout

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of drawing layout through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 7

Unit Objective

The student will use the proper linetypes in the construction of a drawing.

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Drafting

Unit

Alphabit of Lines

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of Alphabit of lines though the use of quizzes, test, and drawings.

Depth of Knowledge

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Drafting Objective 8

Unit Objective

The student will apply basic mathematical principles as they relate to technical drawings.

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Applied Mathematical Skills

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of applied math skills through the use of quizzes, test, and drawings.

Depth of Knowledge

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Drafting Objective 9

Unit Objective

The student will identify and construct basic geometric shapes.

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Geometric Construction

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of Geometric construction through the use of quizzes, test, and drawings.

Depth of Knowledge

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Drafting Objective 10

Unit Objective

The student will create a two dimensional (single view) drawing.

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Drafting

Unit

Single View Construction

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of single view construction through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

Research-based Instructional Strategies

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Drafting Objective 11

Unit Objective

The student will use orthographic projection for development of multiview drawings.

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Drafting

Unit

Orthographic Drawings

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of orthographic drawings through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

Research-based Instructional Strategies

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Drafting Objective 12

Unit Objective

Students will apply dimensions to technical drawings.

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Drafting

Unit

Dimensioning

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of dimensioning through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 13

Unit Objective

The student will prepare patterns incorporating the parallel line and radial line development methods.

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Unit

Pattern Developments

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of patterns developments though the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 14

Unit Objective

The student will draw threads for bolts and nuts.

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Unit

Fasteners

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of fasteners through the use of quizzes, test, and drawings.

Depth of Knowledge

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Drafting Objective 15

Unit Objective

The student will identify and draw standard sectional views.

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Drafting

Unit

Sectional Views

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of sectional views through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 16

Unit Objective

The student will develop and draw auxiliary views.

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11/18/2013 11:11:00 PM +00:00

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Drafting

Unit

Auxiliary Views

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of auxiliary views through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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Drafting Objective 17

Unit Objective

The student will construct isometric drawings

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System

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Modification Date

11/19/2013 3:04:52 PM +00:00

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Course

Drafting

Unit

Isometric Drawings

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of isometric drawings through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

Research-based Instructional Strategies

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Drafting Objective 18

Unit Objective

The student will construct oblique drawings.

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Course

Drafting

Unit

Oblique Drawings

Objective used to assess students

Formative Assessment Activities

The student will participate and demonstrate the proper skills and knowledge of oblique drawings through the use of quizzes, test, and drawings.

Depth of Knowledge

Learning Activity

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