









## COURSE: TECHNICAL DRAWING

### COURSE OVERVIEW

#### **Course Description**

This curriculum is designed to be used as a half-unit, 18-week course. Both 9-week modules contain topics which have given technical drawing its well deserved reference as a universal





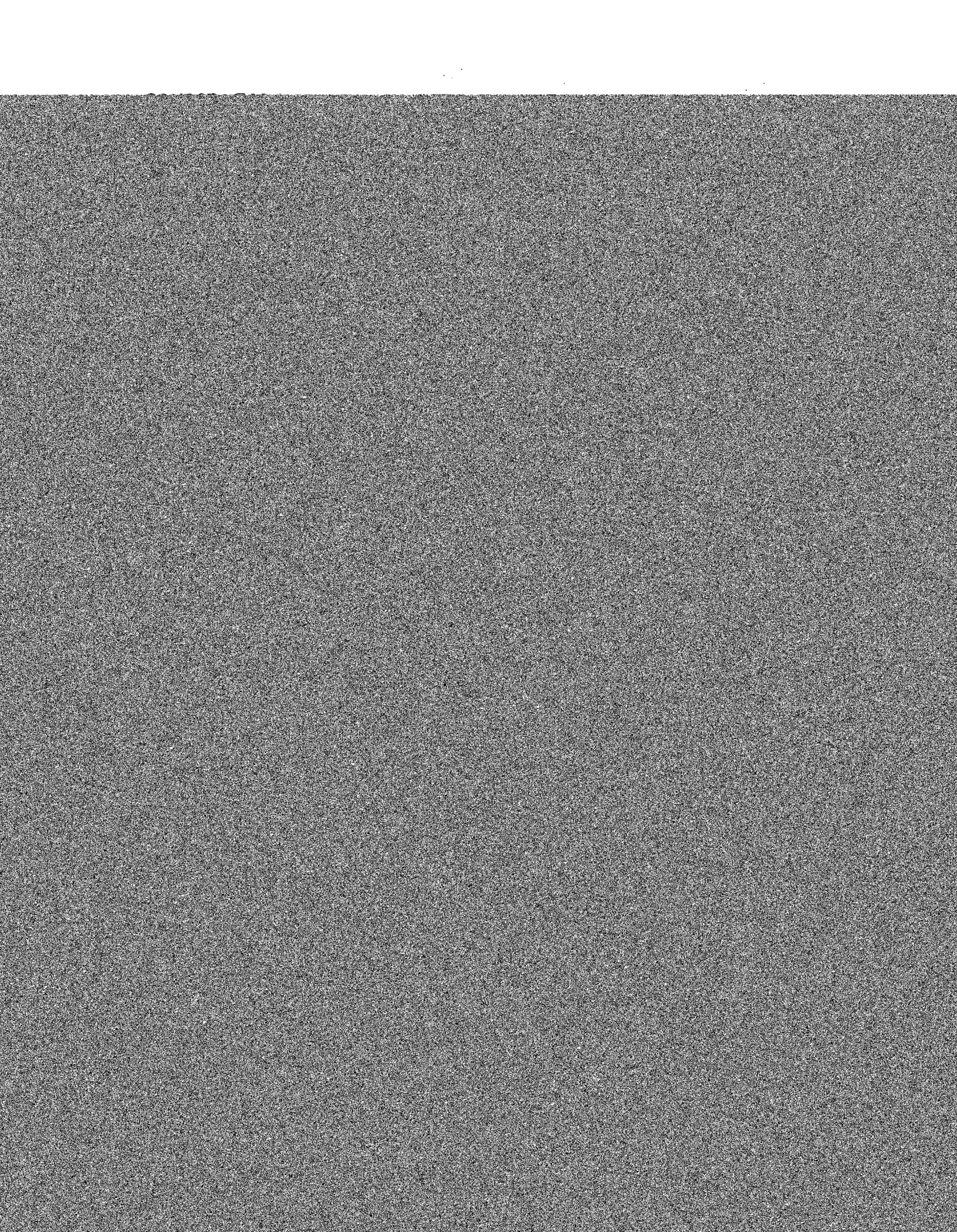














COURSE: TECHNICAL DRAWING

CONTENT OUTLINE, continued

MODULE: BASIC TECHNICAL DRAWING

2. Center lines
  - a. Purpose



COURSE: TECHNICAL DRAWING

CONTENT OUTLINE, continued

MODULE: APPLICATIONS OF BASIC TECHNICAL DRAWING











MODULE: BASIC TECHNICAL DRAWING

Estimated  
Teaching Time

TOPICS:	Introduction	0.5 week
	Tools/Equipment and Materials	0.5 week
	Lettering	1.0 week
	Sketching	1.0 week
	One- and Two-View Drawings	2.0 weeks
	Dimensioning	1.0 week









MODULE: BASIC TECHNICAL DRAWING

TOPIC: Introduction















MODULE: BASIC TECHNICAL DRAWING  
TOPIC: Dimensioning

PERFORMANCE OBJECTIVE/SUPPORTING COMPETENCIES

1. Following instruction, the student will produce dimensioning arrows, lines, letters, and numerals, to the satisfaction of the instructor.

In order to do this, the student must be able to:

- a. Use correct line weight/conventions and arrows





**MODULE: BASIC TECHNICAL DRAWING**

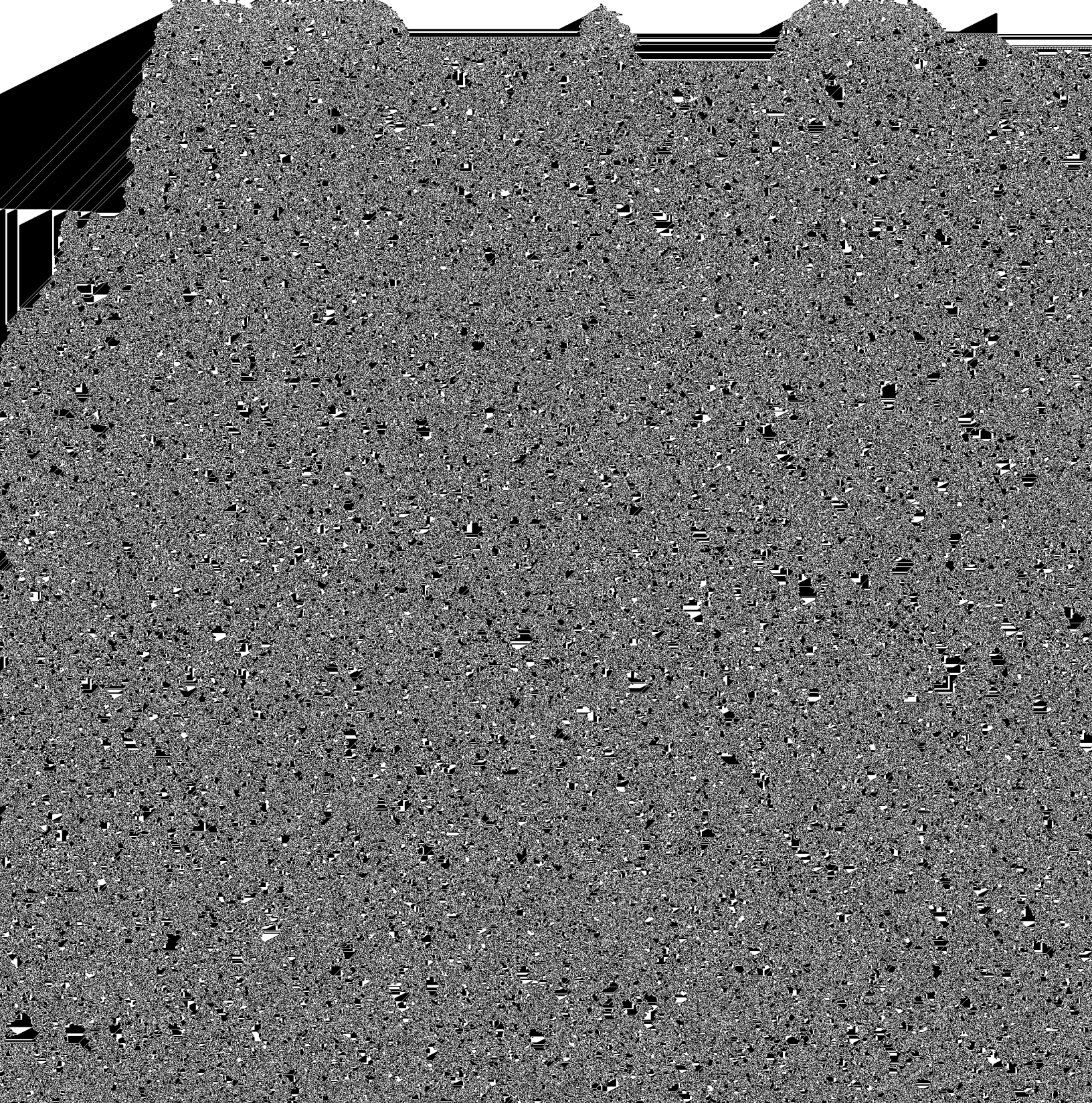
**TOPIC: Three-View Drawings**





**MODULE: APPLICATIONS OF BASIC TECHNICAL DRAWING**

	<u>Estimated Teaching Time</u>
<b>TOPICS:</b> Geometric Construction	1.0 week
Sectioning	2.0 weeks
Isometric Views	2.0 weeks
Auxiliary Views	1.5 weeks
Developments	2.0 weeks
Drawing Reproduction	0.5 week





## MODULE: APPLICATIONS OF BASIC TECHNICAL DRAWING

### OVERVIEW OF MODULE

#### **Goal**

This module is designed to build upon the concepts discussed in Basic Technical Drawing. Its purpose is to increase the student's proficiency in technical drawing by exposing him/her to more advanced industrial drawing techniques used to communicate graphically in today's

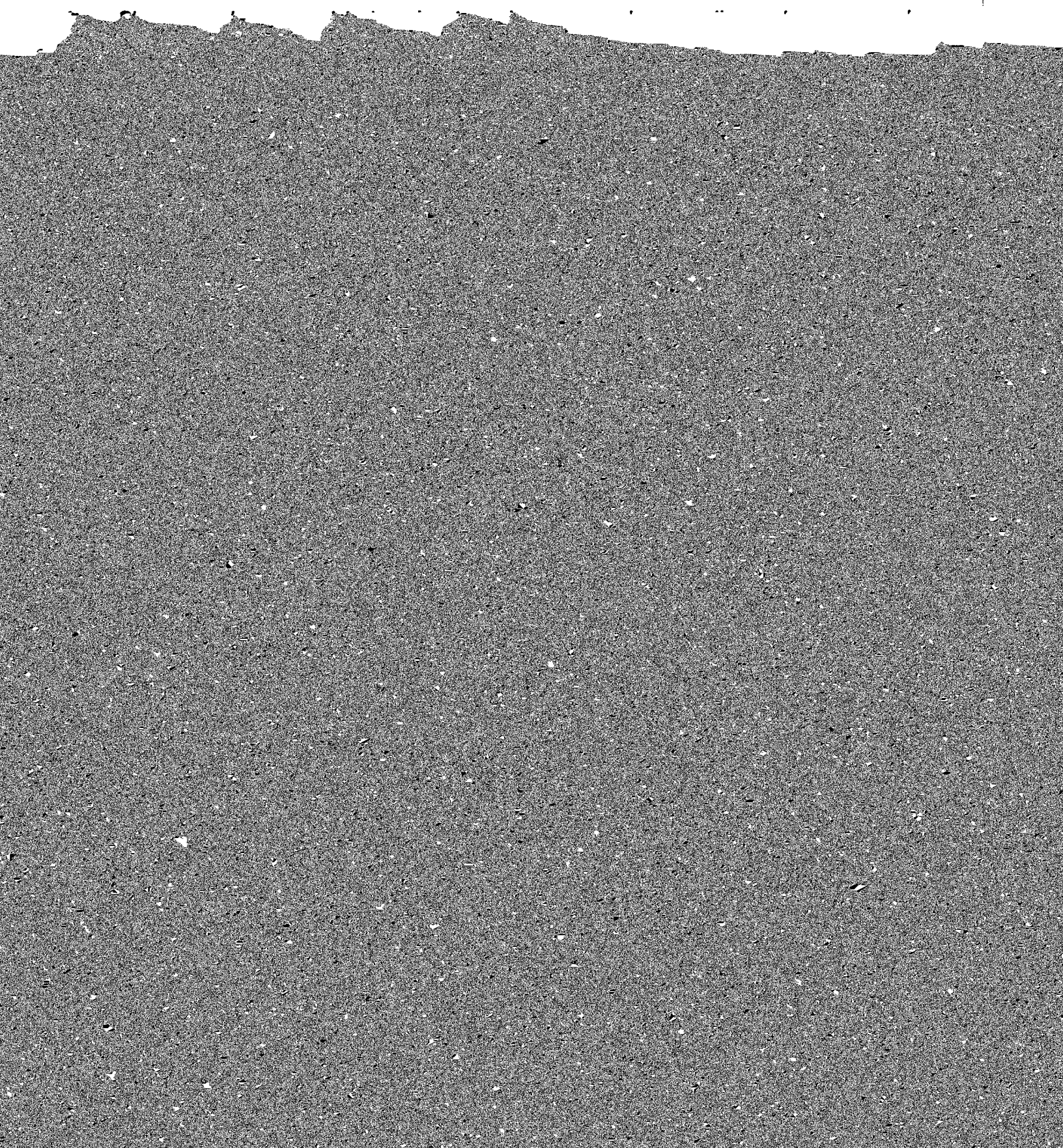






MODULE: APPLICATIONS OF BASIC TECHNICAL DRAWING  
TOPIC: Sectioning

PERFORMANCE OBJECTIVES/SUPPORTING COMPETENCIES









MODULE: APPLICATIONS OF BASIC TECHNICAL DRAWING  
TOPIC: Auxiliary Views

PERFORMANCE OBJECTIVES/SUPPORTING COMPETENCIES



MODULE- APPLICATIONS OF BASIC TECHNICAL DRAWING









**COURSE: TECHNICAL DRAWING**

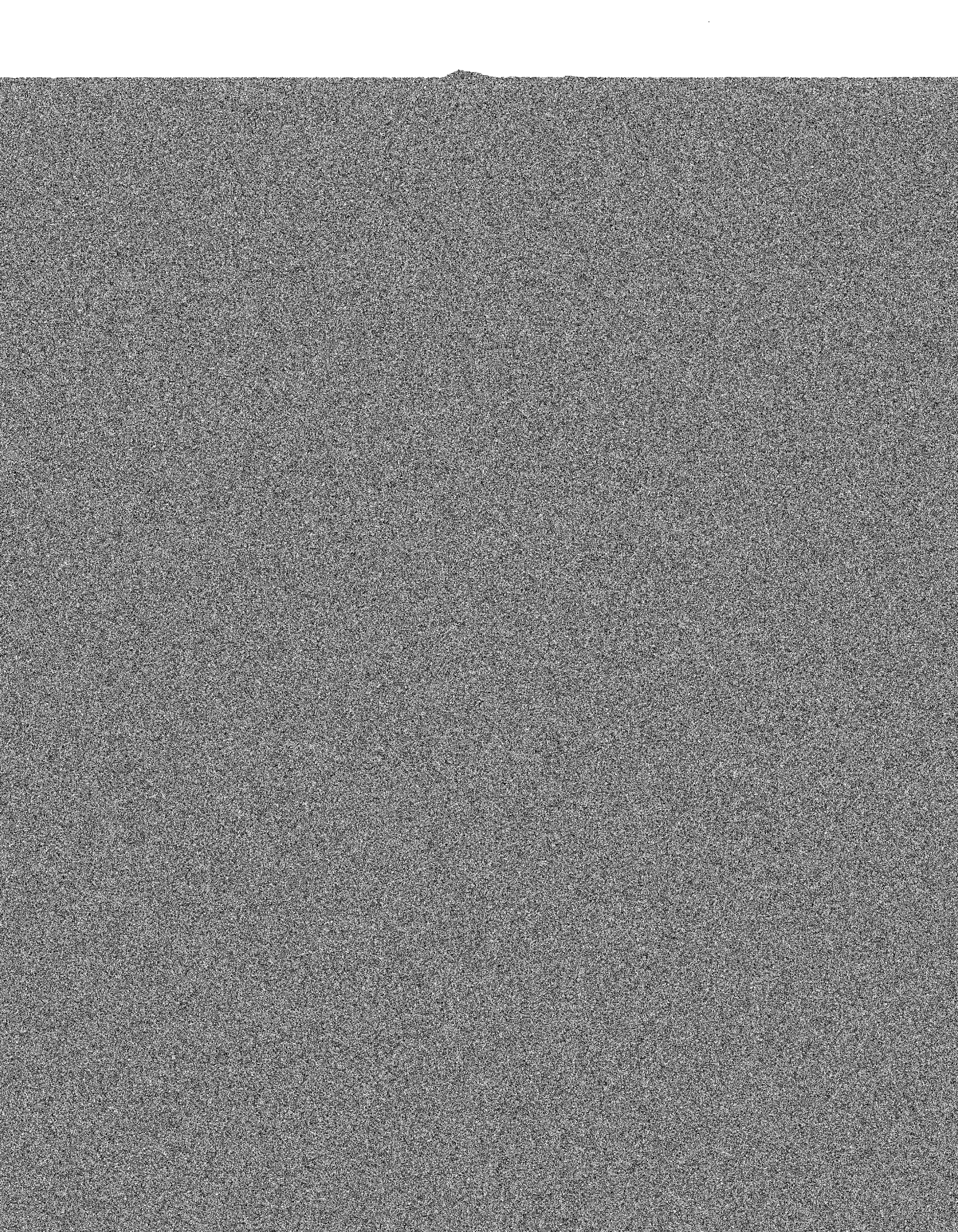
**RESOURCES**

**American Institute for Design and Drafting, 3119 Price Road, Bartlesville, OK 74003.**

**American National Standards Institute (ANSI), 1430 Broadway, New York, NY**



















PROCEDURE FOR THIS ACTIVITY















