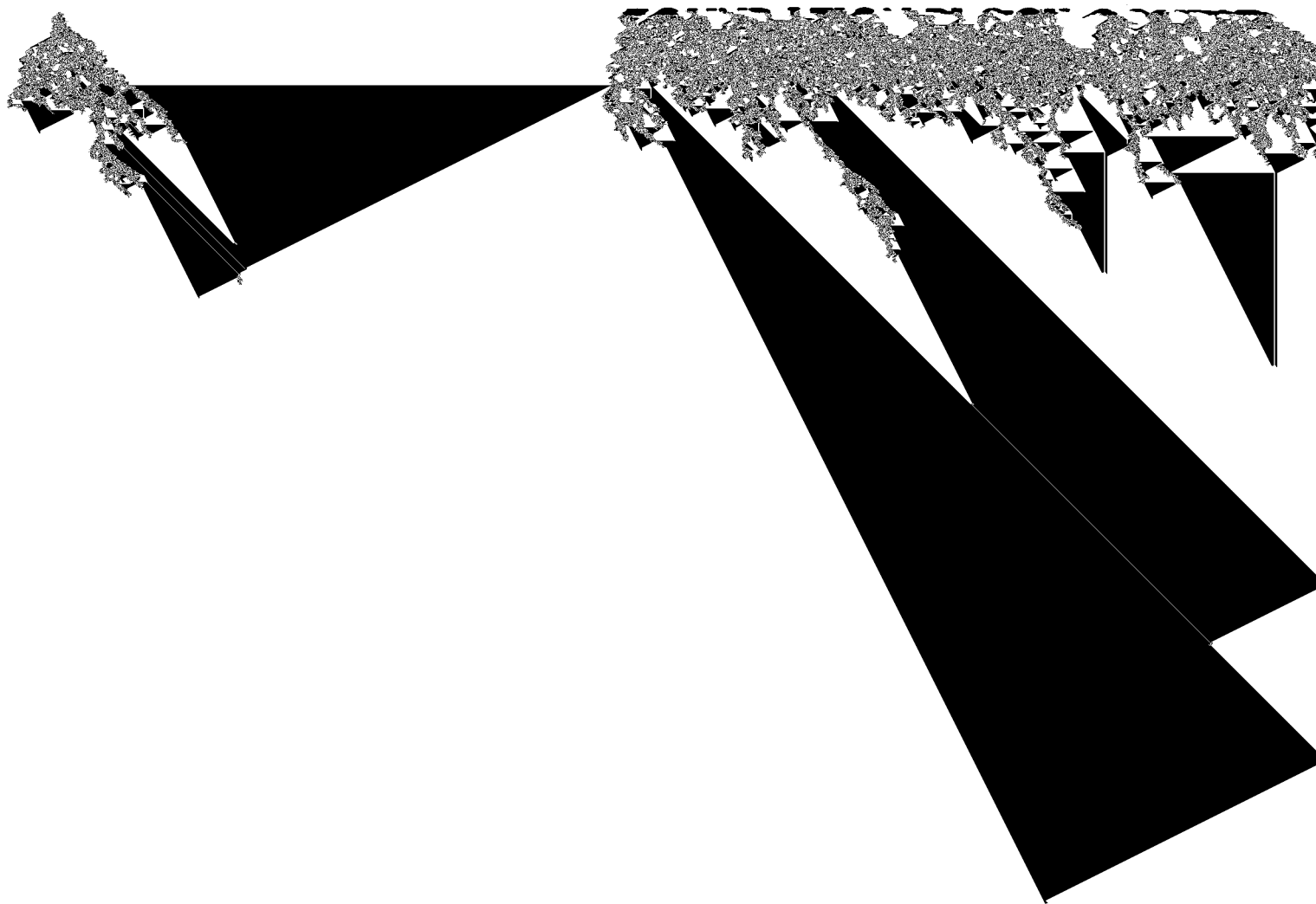


TECHNOLOGY EDUCATION TECHNICAL DRAWING

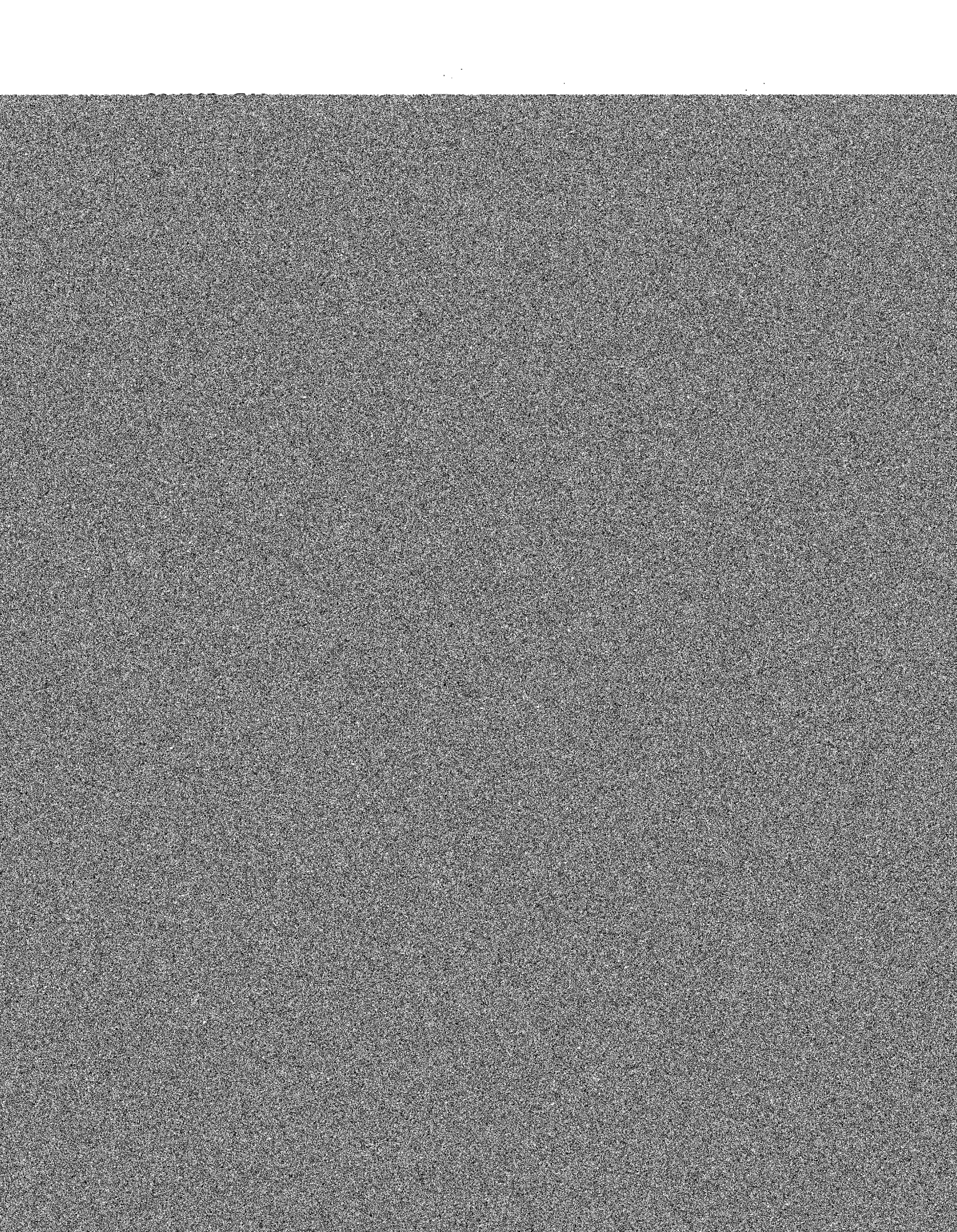
GRADES 9-12



THE UNIVERSITY OF THE STATE OF NEW YORK
Regents of The University

CARL T. HAYDEN *Chancellor* A. B. J. D.

Elmira



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: 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:

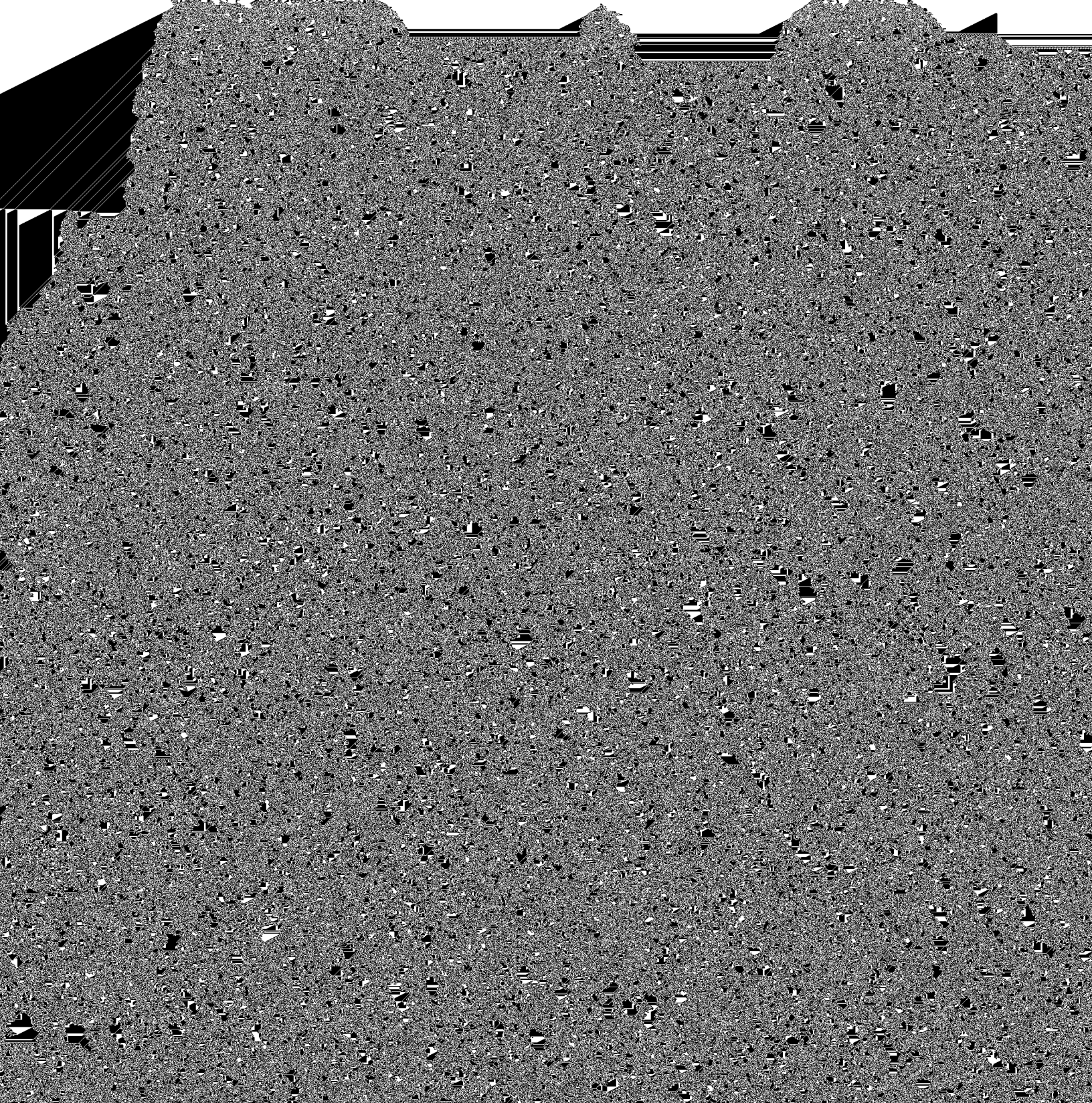
- a. Use correct line weight/conventions and arrows

MODULE: BASIC TECHNICAL DRAWING

TOPIC: Three-View Drawings

MODULE: APPLICATIONS OF BASIC TECHNICAL DRAWING

	<u>Estimated Teaching Time</u>
TOPICS: 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

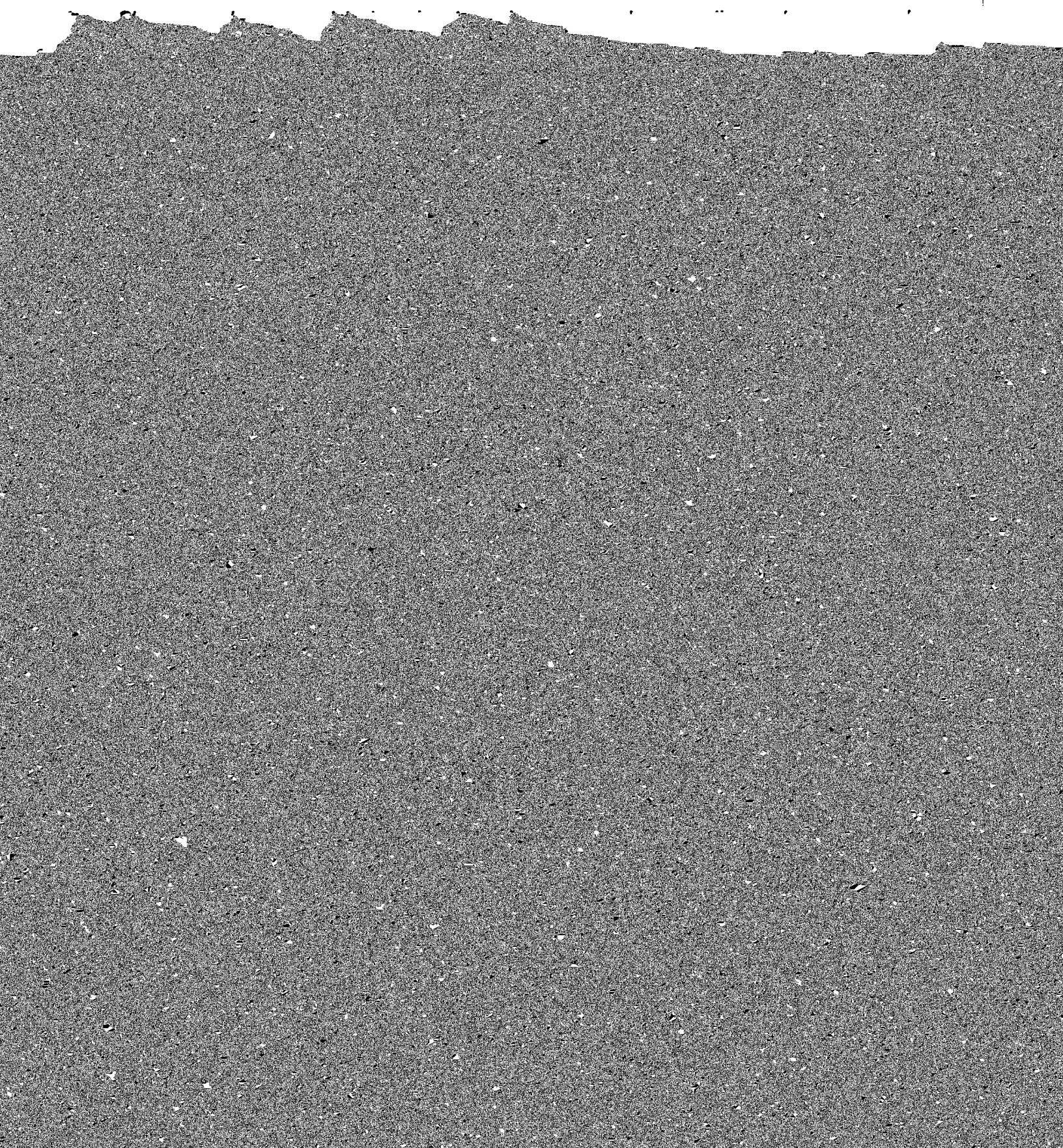
OVERVIEW OF MODULE

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

CONSTANTS FOR INFUSION INTO THE TLA

