TECHNOLOGY EDUCATION
GRADES 9-12

DRAFTING/ILLUSTRATIVE DESIGN SYSTEMS

Glencoe/McGraw-Hill,
French

Mechanical Drawing: Board and Cad Techniques, 2003

	MAJOR TOOL:	
0078251001	Student Edition	44.97
	FREE ITEMS: * 1 PER TEACHER	
0078251036	Instructor Resource Guide	*
0078251044	Instructor Productivity CD-ROM	*
0078251028	Student Workbook, Instructor Annotated Edition	*

State Committee recommended notations: Also recommended for Drafting, Illustrative Design – Technology I.
Approach: Text is designed to meet pertinent ANSI and ISO drafting standards. It offers comprehensive coverage of drafting principles, board-drafting techniques, and CAD techniques.
Recommended for: Students in grades 9-12.
Suggested instructional time: One semester.
Consultant services: Upon request by contacting Florida Regional Sales Office at (813) 630-1322.
Adopted: 2004-2010

DRAFTING/ILLUSTRATIVE DESIGN TECH II

Goodheart-Willcox,
Kicklighter

Architecture: Residential Drafting and Design © 2004, 2004/8e

	MAJOR TOOL: ▲ 1 PER TEACHER	
159070195X	Student Edition	▲45.99
1590701968	Workbook	12.00
	ANCILLARIES: * 1:25	
1590701976	Instructor's Manual	▲45.00
1590701984	Instructor's Resource Binder	*118.50
1590701992	Instructor's Resource CD	*154.50
159070200X	Instructor's PowerPoint Presentations – Individual License	150.00
1590702018	Instructor's PowerPoint Presentations – Site License	375.00

State Committee recommended notations: None
Approach: Text provides instruction for designing most types of residential structures employing both traditional manual methods as well as CADD systems. This edition includes three new chapters.
Recommended for: Students in grades 9-12.
Suggested instructional time: One year.
Consultant services: Limited in-service is available. Contact Florida representative.
Adopted: 2004-2010

ELECTRONICS TECHNOLOGY (Cluster)

ELECTRONICS TECHNOLOGY I

Goodheart-Willcox,
Gerrish, Dugger, and Roberts

Electricity & Electronics © 2004, 2004/9e

	MAJOR TOOL: ▲ 1 PER TEACHER	
1590702077	Student Edition	▲39.96
1590702085	Study Guide with Laboratory Activities	12.00
	ANCILLARIES:	
1590702093	Instructor's Manual	▲34.50
1590702107	Interactive Software – Individual License	93.00
1590702115	Interactive Software – Site License	232.50

State Committee recommended notations: None
Approach: Text presents up-to-date information on the fundamentals of electricity and electronics with a dual approach that teaches principles and theory accompanied by hands-on learning.
Recommended for: Students in grades 9-12.
Suggested instructional time: One Year.
Consultant services: Limited in-service is available. Contact Florida representative.
Adopted: 2004-2010

ELECTRONICS TECHNOLOGY III

Delmar Learning,
Meade & Diffenderf

Foundations Of Electronics: Circuits and Devices, 2003/4e

	MAJOR TOOL:	
0766840263	Student Edition	104.75
	ANCILLARIES:	
0766840301	Instructor's Guide	*18.75
0766840298	Laboratory Projects	30.50
	FREE ITEMS:	
076684031X	e.resource	*

State Committee recommended notations: Also recommended for Electronics Technology II. Higher level math required. Need lab for assignments.
Approach: Text provides step-by-step examples and practice problems appear directly after explanations of key concepts. It provides a bridge between must-know theory and hands-on circuit work.
Recommended for: Students in grades 9-12.
Suggested instructional time: One year.
Consultant services: Available by request upon adoption and purchase.
Adopted: 2004-2010

MATERIALS AND PROCESSES TECHNOLOGY (Cluster)

MATERIALS AND PROCESSES TECHNOLOGY I

Goodheart-Willcox,
Wright

Manufacturing and Automation Technology © 2004,
2004/1e

	MAJOR TOOL: ▲1 PER TEACHER	
1590702123	Student Edition	▲39.96
1590702131	Student Activity Manual	9.96
	ANCILLARIES:	
159070214X	Instructor's CD-ROM	▲27.00

State Committee recommended notations: Provides specific links to careers, academics and technology.
Approach: Text provides a comprehensive study of manufacturing processes and management technology, as it relates to the Standards for Technological Literacy.
Recommended for: Students in grades 9-12.
Suggested instructional time: One year.
Consultant services: Limited in-service is available. Contact Florida representative.
Adopted: 2004-2010

GOODHEART-WILLCOX COMPANY
Wright

Technology, 3rd edition, 2000:**

75-044-0 Textbook $28.95
75-044-1 * Instructor's Manual (1:15) (in TRB) .....N.C.
75-044-2 * Teacher's Resource Binder (1:25) .....N.C.
75-045-0 Student Activity Manual 6.96

Other materials/information: None.
Approach: The text is traditional in its approach and is designed to provide an activity-based approach to technology education. It presents coverage of the four main technological activities.
Recommended for: Average technology education students, grade 8 or above.
Suggested instructional time: One semester or a full year.
Consultant service: The Florida representative is available for inservice as time permits.
Adopted: 1999-2005.

CONSTRUCTION TECHNOLOGY, GRADES 9-12

GLENCOE/MCGRAW-HILL
Huth

Construction Technology, 3rd edition, 1996:
75-023-0 Textbook $31.51
75-023-1 ‡ Teacher's Resource Binder ..... N.C.
75-023-2 ‡ Student Workbook 15.99

Other materials/information: None.
Approach: This comprehensive text introduces students to construction materials, tools, and procedures. It emphasizes how decisions and processes are achieved in the world of construction.
Recommended for: Students with a wide range of abilities in grades 9-12.
Suggested instructional time: One year.
Consultant service: Service may be obtained by contacting the Florida regional office.
Adopted: 1999-2005.

DRAFTING AND ILLUSTRATIVE DESIGN TECHNOLOGY, GRADES 9-12

GLENCOE/MCGRAW-HILL
Wohlers

Applying AUTOCAD®: A Step-By-Step Approach for AUTOCAD® Release 14, 1st edition, 1998
75-022-0 Textbook $39.28
75-022-1 ‡ Instructor's Guide..... N.C.
75-022-2 § Windows Package ..... N.C.

Other materials/information: None.
Approach: The text guides students in the use of AutoCAD Release 14 Software.
Recommended for: Students with a wide range of abilities in Drafting and Illustrative Design II and III in programs that use AUTOCAD®.
Suggested instructional time: Two semesters.
Consultant service: Service may be obtained by contacting the Florida regional office.
Adopted: 1999-2005.

GOODHEART-WILLCOX COMPANY
Walker

Exploring Drafting, 8th edition, 2000**
75-040-0 Textbook $29.97
75-040-1 * Solution Manual (1:15) ..... N.C.
75-040-2 * Teacher's Resource Binder (1:25)..... N.C.
75-041-0 Worksheets 7.95

Other materials/information: None.
Approach: The text is designed as an introductory course and provides an activity-based approach to the study of drafting and design technology.
Recommended for: Introductory high school drafting and design students.

Suggested instructional time: One semester.
Consultant service: Not available.
Adopted: 1999-2005.

ELECTRONICS TECHNOLOGY, GRADES 9-12

GOODHEART-WILLCOX COMPANY
Matt

Electricity and Basic Electronics, 6th edition, 1998

75-036-0 Textbook $27.96
75-036-1 ‡ Instructor's Guide.....N.C.
75-037-0 Workbook..... 7.95

Other materials/information: None.
Approach: This is an introductory textbook designed to provide fundamental study of electronics technology.
Recommended for: Students in grades 9-12.
Suggested instructional time: One semester.
Consultant service: Not available.
Adopted: 1999-2005.

TECHNOLOGY STUDIES, GRADES 9-12

GLENCOE/MCGRAW-HILL
Fales et al

Technology: Today and Tomorrow, 4th edition, 1999

75-032-0 Textbook $37.60
75-032-1 ‡ Teacher's Annotated Edition..... 46.02
75-032-2 ‡ Teacher's Resource Binder .....N.C.
75-032-3 ‡ Student Workbook 7.47
75-032-4 § Testmaker, WIN/MAC .....N.C.

Other materials/information: None.
Approach: The text is a systems-based, problem-solving approach to comprehensive technology education courses.
Recommended for: Students with a wide range of abilities in grades 9-12.
Suggested instructional time: Two semesters.
Consultant service: Service may be obtained by contacting the Florida regional office.
Adopted: 1999-2005.