

**2011-2012
Career and Technical Education
Architecture & Construction Courses**

For up-to-date Bright Futures and State University System course eligibility information, go to:
www.floridastudentfinancialaid.org/SSFAD/bf/acadrequire.htm

For up-to-date NCAA Clearinghouse course eligibility information, go to:
https://web1.ncaa.org/eligibilitycenter/student/index_student.html

The first seven digits of any course number listed below are determined by the Florida Department of Education. The 8th digit of any course number listed below is issued only by BCPS to meet the scheduling needs of our district.

Program Title: Air Conditioning, Refrigeration and Heating Technology
Program Number: 8713000
Credit: 7.00
Grade Level: 9-12

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Air Conditioning, Refrigeration and Heating Technology 1

Course Number: 87130100

Credit: 1.00

Grade Level: 9-12

Major Concepts/Content

This is the first of seven courses required to complete the Air Conditioning, Refrigeration and Heating Technology program. Instruction during the course includes lab and personal safety, use and care of hand and power tools, use of special air conditioning service and diagnostic equipment, employability skills and business ownership and operation.

PRE REQUISITE: None

CO REQUISITE: Air Conditioning, Refrigeration and Heating Technology 2

SPECIAL NOTES: BF/Gold Seal only.

Available only at Atlantic Technical Center and Sheridan Technical Center.

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

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Course Title: Air Conditioning, Refrigeration and Heating Technology 2
Course Number: 87130200
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the second of seven courses required to complete the Air Conditioning, Refrigeration and Heating Technology program. Students will develop skills in electrical fundamentals such as use of test equipment, AC and DC circuits, electrical codes, reading and interpretation of schematics, power consumption and application of various wiring skills. Completion of courses 1 and 2 result in Occupational Completion Point A.

PRE REQUISITE: None

CO REQUISITE: Air Conditioning, Refrigeration and Heating Technology 1

SPECIAL NOTES: BF/Gold Seal only.

Available only at Atlantic Technical Center and Sheridan Technical Center.

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X	X	ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Air Conditioning, Refrigeration and Heating Technology 3
Course Number: 87130300
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the third of seven courses required to complete the Air Conditioning, Refrigeration and Heating Technology program. Students will develop skills in the installation and service of air conditioning, refrigeration and heating components. Such items include compressors, condensers, evaporators, motors, filters, dryers, relays, capacitors, switches, controls, valves and thermostats. Also included in this course students will apply air conditioning and heating theory. This also includes function of components, calculation of heat loads and BTU's.

PRE REQUISITE: Air Conditioning, Refrigeration and Heating Technology 1 and 2

CO REQUISITE: Air Conditioning, Refrigeration and Heating Technology 4

SPECIAL NOTES: BF/Gold Seal only.

Available only at Atlantic Technical Center and Sheridan Technical Center.

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Air Conditioning, Refrigeration and Heating Technology 4
Course Number: 87130400
Credit: 1.00
Grade Level: 10-12

Major Concepts/Content

This is the fourth of seven courses required to complete the Air Conditioning, Refrigeration and Heating Technology program. Students will develop skills in working with air conditioning, refrigeration and heating test equipment. Equipment such as this includes voltmeters, amprobes, ohmmeters, wattmeters, leak detectors, manifold and micron gauges, capacitor analyzers and thermometers.

Completion of courses 3 and 4 provides Occupational Completion Point B.

PRE REQUISITE: Air Conditioning, Refrigeration and Heating Technology 1 and 2

CO REQUISITE: Air Conditioning, Refrigeration and Heating Technology 3

SPECIAL NOTES: BF/Gold Seal only Technical Dual Enrollment

Available only at Atlantic Technical Center and Sheridan Technical Center.

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Air Conditioning, Refrigeration and Heating Technology 5
Course Number: 87130500
Credit: 1.00
Grade Level: 10-12

Major Concepts/Content

This is the fifth of seven courses required to complete the Air Conditioning, Refrigeration and Heating Technology program. Students will develop skills in installing and servicing heating and cooling related systems. Students will install and service window units, split systems, package units, and condensers. Students develop an understanding of gas and oil furnaces and various types of refrigeration equipment.

PRE REQUISITE: Air Conditioning, Refrigeration and Heating Technology 1 through 4

CO REQUISITE: Air Conditioning, Refrigeration and Heating Technology 6 and 7

SPECIAL NOTES: BF/Gold Seal only, Technical Dual Enrollment

Available only at Atlantic Technical Center and Sheridan Technical Center

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Air Conditioning, Refrigeration and Heating Technology 6
Course Number: 87130600
Credit: 1.00
Grade Level: 10-12

Major Concepts/Content

This is the sixth of seven courses required to complete the Air Conditioning, Refrigeration and Heating Technology program. Students will develop skills in the installation, maintenance and repair of heating systems. These skills will be developed on gas, oil and electric furnaces, duct heaters, auxiliary heat strips, and other miscellaneous heating equipment. In addition to these skills, students will test and analyze heating air movement systems.

PRE REQUISITE: Air Conditioning, Refrigeration and Heating Technology 1 through 4

CO REQUISITE: Air Conditioning, Refrigeration and Heating Technology 5 and 7

SPECIAL NOTES: BF/Gold Seal only, Technical Dual Enrollment

Available only at Atlantic Technical Center and Sheridan Technical Center

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Air Conditioning, Refrigeration and Heating Technology 7

Course Number: 87130700

Credit: 1.00

Grade Level: 11-12

Major Concepts/Content

This is the seventh of seven courses required to complete Air Conditioning, Refrigeration and Heating Technology program. This course was developed as part of a core and is designed to develop competencies in solid-state electronics in the heating, air conditioning and refrigeration industry.

Completion of courses 5 through 7 results in Occupational Completion Point C.

PRE REQUISITE: Air Conditioning, Refrigeration and Heating Technology 1 through 3

CO REQUISITE: Air Conditioning, Refrigeration and Heating Technology 5 and 6

SPECIAL NOTES: BF/Gold Seal only, Technical Dual Enrollment

Available only at Atlantic Technical Center and Sheridan Technical Center

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Program Title: ~~Building Construction Technology~~

Program Number: ~~8720300~~

Credit: ~~7.00~~

Grade Level: ~~9-12~~

~~Note: This program is being phased out. All new students should be enrolled in the Building Trades and Construction Design Technology Program.~~

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Construction Technology 5

Course Number: 87203500

Credit: 1.00

Grade Level: 10-12

Major Concepts/Content

This is the fifth of seven courses designed to develop the competencies essential to the building construction industry. These competencies include knowledge and skills for the use of heavy equipment, power tools, and Carpentry skills.

Completion of Building Construction Technology 4, 5, 6 and 7 are required to obtain Occupational Completion Point B.

PRE REQUISITE: Building Construction Technology 1, 2, and 3

CO REQUISITE: Building Construction Technology 4, 6, and 7

SPECIAL NOTES: BF/Gold Seal only, Technical Dual Enrollment
Must be offered in blocks at high schools.

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
—Florida Academic Scholar (FAS)		X	
—Florida Medallion Scholar (FMS)		X	
—Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level			
—1= below grade level;			
—2= at grade level;			
—3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
—State Honors (1 quality point)		X	
—BCPS Local Honors ONLY (1 quality point)		X	
—Pre IB (1 quality point)		X	
—Pre AICE (1 quality point)		X	
—AP (Advanced Placement) (2 quality points)*		X	
—IB (International Baccalaureate) (2 quality points)		X	
—AICE (Advanced International Certificate of Education) (2 quality points)		X	
—Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3 year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: ~~Building Construction Technology 6~~

Course Number: ~~87203600~~

Credit: ~~1.00~~

Grade Level: ~~10-12~~

Major Concepts/Content

~~This is the sixth of seven courses designed to develop the competencies essential to the building construction industry. These competencies include knowledge and skills in cabinetry, roofing, and plumbing.~~

~~Completion of Building Construction Technology 4, 5, 6 and 7 are required to obtain Occupational Completion Point B.~~

~~**PRE REQUISITE: Building Construction Technology 1, 2, and 3**~~

~~**CO REQUISITE: Building Construction Technology 4, 5, and 7**~~

~~**SPECIAL NOTES: BF/Gold Seal only, Technical Dual Enrollment
Must be offered in blocks at high schools.**~~

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
— Florida Academic Scholar (FAS)		X	
— Florida Medallion Scholar (FMS)		X	
— Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level			
— 1= below grade level;			
— 2= at grade level;			
— 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
— State Honors (1 quality point)		X	
— BCPS Local Honors ONLY (1 quality point)		X	
— Pre IB (1 quality point)		X	
— Pre AICE (1 quality point)		X	
— AP (Advanced Placement) (2 quality points)*		X	
— IB (International Baccalaureate) (2 quality points)		X	
— AICE (Advanced International Certificate of Education) (2 quality points)		X	
— Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3 year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Construction Technology 7

Course Number: 87203700

Credit: 1.00

Grade Level: 10-12

Major Concepts/Content

This is the seventh of seven courses designed to develop the competencies essential to the building construction industry. These competencies include knowledge and skills in electrical; heating, ventilation and air cooling systems; site preparation and maintenance; and entrepreneurship.

Completion of Building Construction Technology 4, 5, 6 and 7 are required to obtain Occupational Completion Point B.

PRE REQUISITE: Building Construction Technology 1, 2, and 3

CO REQUISITE: Building Construction Technology 4, 5, and 6

SPECIAL NOTES: BF/Gold Seal only, Technical Dual Enrollment

Must be offered in blocks at high schools.

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
—Florida Academic Scholar (FAS)		X	
—Florida Medallion Scholar (FMS)		X	
—Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level			
—1=below grade level;			
—2= at grade level;			
—3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
—State Honors (1 quality point)		X	
—BCPS Local Honors ONLY (1 quality point)		X	
—Pre IB (1 quality point)		X	
—Pre AICE (1 quality point)		X	
—AP (Advanced Placement) (2 quality points)*		X	
—IB (International Baccalaureate) (2 quality points)		X	
—AICE (Advanced International Certificate of Education) (2 quality points)		X	
—Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3 year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Program Title: Building Trades and Construction Design Technology
Program Number: 8722000
Credit: 6.00
Grade Level: 9-12

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Trades and Construction Design Technology 1
Course Number: 8722010
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the first of six courses designed to develop the competencies essential to the building construction industry. These competencies include skills and knowledge related to safety practices, all aspects of the industry, and the use of hand and power tools, employability skills, human relations and leadership skills. Completion of Building Trades and Construction Design Technology 1, 2, and 3 are required to obtain Occupational Completion Point A.

PRE REQUISITE: None

CO REQUISITES: Building Trades and Construction Design Technology 2 and 3

SPECIAL NOTES: BF/Gold Seal only

Must be offered in blocks at high schools.

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Trades and Construction Design Technology 2

Course Number: 8722020

Credit: 1.00

Grade Level: 9-12

Major Concepts/Content

This is the second of six courses designed to develop the competencies essential to the building construction industry. These competencies include communications and computer skills; residential, commercial and industrial construction components, materials and hardware; and an introduction to computer aided drafting.

Completion of Building Trades and Construction Design Technology 1, 2, and 3 are required to obtain Occupational Completion Point A.

PRE REQUISITE: None

CO REQUISITES: Building Trades and Construction Design Technology 1 and 3

SPECIAL NOTE: BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Trades and Construction Design Technology 3
Course Number: 8722030
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the third of six courses designed to develop the competencies essential to the building construction industry. These competencies include entrepreneurship, building codes and regulations. Completion of Building Trades and Construction Design Technology 1, 2, and 3 are required to obtain Occupational Completion Point A.

PRE REQUISITE: None

CO REQUISITES: Building Trades and Construction Design Technology 1 and 2

SPECIAL NOTE: BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Trades and Construction Design Technology 4
Course Number: 8722040
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the fourth of six courses designed to develop the competencies essential to the building construction industry. These competencies include rough and finished carpentry skills and masonry skills. Completion of Academy of Building Trades and Construction Design Technology 4 results in Occupational Completion Point B.

PRE REQUISITE: *Building Trades and Construction Design Technology 1, 2 and 3*

CO REQUISITES: *Building Trades and Construction Design Technology 5 and 6*

SPECIAL NOTE: *BF/Gold Seal only, Technical Dual Enrollment*

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Trades and Construction Design Technology 5

Course Number: 8722050

Credit: 1.00

Grade Level: 9-12

Major Concepts/Content

This is the fifth of six courses designed to develop the competencies essential to the building construction industry. These competencies include rough and finished electrical skills and rough and finished plumbing skills.

Completion of Building Trades and Construction Design Technology 5 results in Occupational Completion Point C.

PRE REQUISITE: Building Trades and Construction Design Technology 1, 2, and 3

CO REQUISITES: Building Trades and Construction Design Technology 4 and 6

SPECIAL NOTE: BF/Gold Seal only, Technical Dual Enrollment

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Building Trades and Construction Design Technology 6
Course Number: 8722060
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the sixth of six courses designed to develop the competencies essential to the building construction industry. The competencies include air conditioning, painting and decorating skills, and require a capstone project that incorporates all skills learned throughout the program.

Completion of Building Trades and Construction Design Technology 6 results in Occupational Completion Point D.

PRE REQUISITE: *Building Trades and Construction Design Technology 1, 2, and 3*

CO REQUISITES: *Building Trades and Construction Design Technology 4 and 5*

SPECIAL NOTE: *BF/Gold Seal only, Technical Dual Enrollment*

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Program Title: Drafting/Illustrative Design Technology
Program Number: 86008000
Credit: 3.00
Grade Level: 9-12

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting/Illustrative Design Technology I
Course Number: 86008100
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the first of three courses and is designed to provide students with skills in lettering, freehand sketching, orthographic projection, dimensioning, geometric construction, pictorial drawing using drafting instruments and materials.

PRE REQUISITE: None

CO REQUISITES: Drafting/Illustrative Design 2 and 3

SPECIAL NOTE: BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting/Illustrative Design Technology II
Course Number: 86008200
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the second of three courses designed to provide students with skills technical illustration and/or architectural drawing, engineering drawing and computer assisted drafting.

PRE REQUISITE: None

CO REQUISITES: Drafting/Illustrative Design 1 and 3

SPECIAL NOTE: BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting/Illustrative Design Technology III
Course Number: 86008300
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This is the third of three courses designed to provide for advanced individual study related to drafting, utilizing skills from Drafting/Illustrative Design Technology I and Drafting/Illustrative Design Technology II.

PRE REQUISITE: None

CO REQUISITES: Drafting/Illustrative Design 1 and 2

SPECIAL NOTE: BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Program Title: Drafting
Program Number: 8725000
Credit: 4.00
Grade Level: 9-12

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 1
Course Number: 87250100
Credit: 1.00
Grade Level: 9-10

Major Concepts/Content

Drafting 1 is the first of four courses required to complete the program that must be scheduled sequentially. [This course provides instruction in drafting skills, mathematical skills, multi-view, and sectional drawings.](#) The complete CORE program consists of Drafting 1, 2, 3 and 4, (8724010-8724040).

CO REQUISITE: Drafting 1

SPECIAL NOTE: BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 2
Course Number: 87250200
Credit: 1.00
Grade Level: 9-10

Major Concepts/Content

Drafting 2 is the second of four courses required to complete the CORE program that must be scheduled sequentially. [This course provides instruction in drafting skills for pictorial drawing, surface development, architectural drawing, civil drawing, and electrical/electronic literacy.](#) The CORE program consists of Drafting 1, 2, 3, and 4 (8724010-8724040).

CO REQUISITE: Drafting 1

SPECIAL NOTE: BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 3
Course Number: 87250300
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

Drafting Skills 3 is the third of four courses required to complete the CORE program that must be scheduled sequentially. [This course provides instruction to perform basic computer aided drafting skills.](#)

The CORE program consists of Drafting 1, 2, 3, and 4.

Completion of courses 1, 2, &3 results in Occupational Completion Point A.

(8724010-8724040)

PRE REQUISITE: Drafting 1 and 2

SPECIAL NOTE: BF/Gold Seal only Technical Dual Enrollment

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 4
Course Number: 87250400
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

Drafting Skills 4 is the fourth of four courses required to complete the CORE program that must be scheduled sequentially. [This course provides instruction on how to demonstrate communication, math, basic science and how it applies to drafting.](#) The CORE program consists of drafting 1-4.

1, 2, 3, and 4 (8724010-8724040).

Completion of this course results in Occupational Completion Point B.

CO REQUISITE: Drafting 3

SPECIAL NOTE: BF/Gold Seal only Technical Dual Enrollment

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Program Title: Architectural Drafting
Program Number: 8725400
Credit: 13.00
Grade Level: 10-12

SPECIAL NOTE: *Available only at Atlantic, McFatter and Sheridan Technical Centers
BF/Gold Seal Only*

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 1
Course Number: 87250100
Credit: 1.00
Grade Level: 9-10

Major Concepts/Content

Drafting 1 is the first of four courses required to complete the program that must be scheduled sequentially. The complete CORE program consists of Drafting 1, 2, 3 and 4, (8724010-8724040).

CO REQUISITE: Drafting 1

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 2
Course Number: 87250200
Credit: 1.00
Grade Level: 9-10

Major Concepts/Content

Drafting 2 is the second of four courses required to complete the CORE program that must be scheduled sequentially. These courses provide training in developing and planning of working drawings, manufacturing processes and materials, fasteners, gears, cams and linkages. These courses stress industry drafting standards and tolerancing. The CORE program consists of Drafting 1, 2, 3, and 4 (8724010-8724040).

CO REQUISITE: Drafting 1

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 3
Course Number: 87250300
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

Drafting Skills 3 is the third of four courses required to complete the CORE program that must be scheduled sequentially. The course description for 3 and 4 follows in Drafting 4. The CORE program consists of Drafting 1, 2, 3, and 4.

Completion of courses 1, 2, &3 results in Occupational Completion Point A.
 (8724010-8724040)

PRE REQUISITE: Drafting 1 and 2

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 4
Course Number: 87250400
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

Drafting Skills 4 is the fourth of four courses required to complete the CORE program that must be scheduled sequentially. These courses provide training in the areas of electronic, mechanical, and architectural drawing. Computer assisted drafting operation and drawing generation is introduced. The CORE program consists of drafting 1-4.

1, 2, 3, and 4 (8724010-8724040).

Completion of this course results in Occupational Completion Point B.

CO REQUISITE: Drafting 3

SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers

BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 5

Course Number: 87254500

Credit: 1.00

Grade Level: 10-11

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Architectural Drafting 6-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 6
Course Number: 87254600
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.
 Completion of Architectural Drafting 5 and 6 results in Occupational Completion Point C.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Architectural Drafting 5-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 7
Course Number: 87254700
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Architectural Drafting 5, 6 and 8-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 8
Course Number: 87254800
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Architectural Drafting 5, 6, 7 and 9-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 9
Course Number: 87254900
Credit: 1.00
Grade Level: 11-12

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.
 Completion of Architectural Drafting 7, 8, and 9 results in Occupational Completion Point D.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Architectural Drafting 5-8, and 10-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 10

Course Number: 87254910

Credit: 1.00

Grade Level: 11-12

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Architectural Drafting 5-9, 11, 12 and 13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 11
Course Number: 87254920
Credit: 1.00
Grade Level: 11-12

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.

PRE REQUISITE: *Drafting 1-4*

CO REQUISITE: *Architectural Drafting 5-10, 12 and 13*

SPECIAL NOTE: *Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment*

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 12
Course Number: 87254930
Credit: 1.00
Grade Level: 11-12

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.

PRE REQUISITE: *Drafting 1-4*

CO REQUISITE: *Architectural Drafting 5- 11 and 13*

SPECIAL NOTE: *Available only at Atlantic, McFatter and Sheridan Technical Centers
BF/Gold Seal only, Technical Dual Enrollment*

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Architectural Drafting 13
Course Number: 87254940
Credit: 1.00
Grade Level: 11-12

Major Concepts/Content

This course provides instruction in the specialty of architectural drafting.
 Completion of Architectural Drafting 10-13 results in Occupational Completion Point E.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Architectural Drafting 1-12

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Program Title: Mechanical Drafting

Program Number: 87253000

Credit: 13.00

Grade Level: 10-12

**SPECIAL NOTE: *Available only at Atlantic, McFatter and Sheridan Technical Centers
BF/Gold Seal only***

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 1
Course Number: 87250100
Credit: 1.00
Grade Level: 9-10

Major Concepts/Content

Drafting 1 is the first of four courses required to complete the program that must be scheduled sequentially. The complete CORE program consists of Drafting 1, 2, 3 and 4, (8724010-8724040).

CO REQUISITE: Drafting 1

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 2
Course Number: 87250200
Credit: 1.00
Grade Level: 9-10

Major Concepts/Content

Drafting 2 is the second of four courses required to complete the CORE program that must be scheduled sequentially. These courses provide training in developing and planning of working drawings, manufacturing processes and materials, fasteners, gears, cams and linkages. These courses stress industry drafting standards and tolerancing. The CORE program consists of Drafting 1, 2, 3, and 4 (8724010-8724040).

CO REQUISITE: Drafting 1

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 3
Course Number: 87250300
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

Drafting Skills 3 is the third of four courses required to complete the CORE program that must be scheduled sequentially. The course description for 3 and 4 follows in Drafting 4. The CORE program consists of Drafting 1, 2, 3, and 4.

Completion of courses 1, 2, &3 results in Occupational Completion Point A.(8724010-8724040)

PRE REQUISITE: Drafting 1 and 2

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Drafting 4
Course Number: 87250400
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

Drafting Skills 4 is the fourth of four courses required to complete the CORE program that must be scheduled sequentially. These courses provide training in the areas of electronic, mechanical, and architectural drawing. Computer assisted drafting operation and drawing generation is introduced. The CORE program consists of drafting 1-4.

1, 2, 3, and 4 (8724010-8724040) Completion of this course results in Occupational Completion Point B.

CO REQUISITE: Drafting 3

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 5
Course Number: 87253100
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 6-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 6
Course Number: 87253200
Credit: 1.00
Grade Level: 10-11

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining. Completion of Mechanical Drafting 5 and 6 results in Occupational Completion Point C.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5, and 7-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 7

Course Number: 87253300

Credit: 1.00

Grade Level: 10-11

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5, 6 and 8-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
BF/Gold Seal only Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 8

Course Number: 87253400

Credit: 1.00

Grade Level: 10-11

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5, 6-7, and 9-13

SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers

BF/Gold Seal only, Technical Dual Enrollment

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 9
Course Number: 87253500
Credit: 1.00
Grade Level: 11-12

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining. Completion of Mechanical Drafting 7, 8, and 9 results in Occupational Completion Point D.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5-8

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 10

Course Number: 87253600

Credit: 1.00

Grade Level: 11-12

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5-9, and 11-13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 11
Course Number: 87253700
Credit: 1.00
Grade Level: 11-12

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5-9, 10, 12 and 13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 12
Course Number: 87253800
Credit: 1.00
Grade Level: 11-12

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5-9, 10, 11 and 13

**SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Mechanical Drafting 13

Course Number: 87253900

Credit: 1.00

Grade Level: 11-12

Major Concepts/Content

This course provides instruction in drafting for mechanical systems, piping and machining. Completion of Mechanical Drafting 10-13 results in Occupational Completion Point E.

PRE REQUISITE: Drafting 1-4

CO REQUISITE: Mechanical Drafting 5-12

SPECIAL NOTE: Available only at Atlantic, McFatter and Sheridan Technical Centers

BF/Gold Seal only, Technical Dual Enrollment

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X		
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Program Title: Electricity
Program Number: 8727200
Credits: 6.00
Grade Level: 9-12

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 1
Course Number: 87272100
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This course enables students to develop the essential competencies for working in the construction electrical industry. Competencies include safety practices, direct-current electrical-circuit skills, appropriate communication and math skills, basic electricity, electrical codes and employability skills.

PRE REQUISITE: None

SPECIAL NOTE: Available only at Atlantic Technical Center
 BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 2
Course Number: 87272200
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This course enables students to develop the essential competencies for working in the construction electrical industry. Competencies include safety practices, direct-current electrical-circuit skills, appropriate communication and math skills, basic electricity, electrical codes and employability skills. Occupational Completion Point A is achieved upon completion of Electricity 2.

PRE REQUISITE: None

SPECIAL NOTE: Available only at Atlantic Technical Center
 BF/Gold Seal only

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 3
Course Number: 87272300
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This course teaches students to solve electrical math problems, demonstrate skills relating to alternating current, and installation of residential wiring.

PRE REQUISITE: *Electricity 1 and 2*

SPECIAL NOTE: *Available only at Atlantic Technical Center
 BF/Gold Seal only, Technical Dual Enrollment (Electricity 5)*

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)	X		ELECTIVE
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 4
Course Number: 87272400
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This course teaches students to solve electrical math problems, demonstrate skills relating to alternating current, and installation of residential wiring.

PRE REQUISITE: Electricity 1, 2 and 3

**SPECIAL NOTE: Available only at Atlantic Technical Center
 BF/Gold Seal only, Technical Dual Enrollment (Electricity 5)**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X	X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X	X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 5
Course Number: 87272500
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This course teaches students to solve electrical math problems, demonstrate skills relating to alternating current, and installation of residential wiring. Occupational Completion Point B is achieved upon completion of Electricity 5.

PRE REQUISITE: Electricity 1, 2,3, and 4

**SPECIAL NOTE: Available only at Atlantic Technical Center
 BF/Gold Seal only, Technical Dual Enrollment (Electricity 5)**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X	X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 6

Course Number: 87272600

Credit: 1.00

Grade Level: 9-12

Major Concepts/Content

This course provides students with instruction in commercial wiring and specialized electrical skills.

PRE REQUISITE: ELECTRICITY 1, 2, 3, 4, and 5

SPECIAL NOTE: Available only at Atlantic Technical Center

BF/Gold Seal only, Technical Dual Enrollment

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X	X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 7
Course Number: 87272700
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This course provides students with instruction in commercial wiring and specialized electrical skills.

PRE REQUISITE: ELECTRICITY 1, 2, 3, 4, 5 and 6

SPECIAL NOTE: Available only at Atlantic Technical Center

BF/Gold Seal only, Technical Dual Enrollment

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X	X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Course Title: Electricity 8
Course Number: 87272800
Credit: 1.00
Grade Level: 9-12

Major Concepts/Content

This course provides students with instruction in commercial wiring and specialized electrical skills. Occupational Completion Point C is achieved upon completion of Electricity 8.

PRE REQUISITE: ELECTRICITY 1, 2, 3, 4, 5, 6, and 7

**SPECIAL NOTE: Available only at Atlantic Technical Center
 BF/Gold Seal only, Technical Dual Enrollment**

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)	X		4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible	X	X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)	X		

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.

Practical Arts Courses

Course Title: Industrial Cooperative Education (OJT)
Course Number: 87004000
Credit: 1.00
Grade Level: 10-12

Major Concepts/Content

This course must be taken with an industrial education program. The student can receive multiple credits and a salary. An individual training plan is cooperatively developed and utilized by the teacher coordinator, the employer, and the student. The plan includes identified competencies, objectives, learning activities, evaluation strategies, and provisions for regularly scheduled visits by the teacher coordinator.

PRE REQUISITE: *Enrolled in a Workforce Development Industrial Education program.*

SPECIAL NOTE: *Only one credit per year may be earned.*

General Course Information:

	YES	NO	Other
Graduation Requirement		X	
Bright Futures (BF)			
Florida Academic Scholar (FAS)		X	
Florida Medallion Scholar (FMS)		X	
Florida Gold Seal Vocational (FGSV)		X	4 YR 24 CREDIT OPTION ONLY **
State University System (SUS)		X	
National Collegiate Athletic Association (NCAA)		X	
BCPS "Core" Course		X	
Course Level 1=below grade level, 2= at grade level, 3= above grade level			
Industry Credential Eligible		X	
Weighted Quality Points			
State Honors (1 quality point)		X	
BCPS Local Honors ONLY (1 quality point)		X	
Pre IB (1 quality point)		X	
Pre AICE (1 quality point)		X	
AP (Advanced Placement) (2 quality points) *		X	
IB (International Baccalaureate) (2 quality points)		X	
AICE (Advanced International Certificate of Education) (2 quality points)		X	
Technical Dual Enrollment (2 quality points)		X	

* Must take AP exam; otherwise only 1 quality point.

** For the 3-year, 18 credit option, requirements may differ. See your guidance counselor for more information.

All information contained in this Curriculum Guide is subject to change. For current information, please visit the respective websites for each program.