

## Sky View CTE Courses by Pathway SY 23-24

### Career Cluster: Agriculture, Food and Natural Resources

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

#### Animal and Veterinary Science

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Ag. Science & Tech Application (ASTE 2000)	0.5	Animal Science 2A and 2B	1.0	CTE Internship	0.5
Animal Science 1A and 1B	1.0				
Biology-Agricultural Science 1A and 1B	1.0				
Veterinary Assistant A and B	1.0				

CTSO: FFA

#### Food Science, Dietetics, and Nutrition

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Food and Nutrition 1	0.5	Dietetics and Nutrition 1	0.5	FOUNDATIONS OF NUTRITION-NDES 1020	0.5
Human Development-HDFS 1500	0.5			CTE Internship	0.5
Med Anat and Physiology A and B	1.0				

CTSO: FCCLA

#### Plant Science

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Ag. Science & Tech Application (ASTE 2000)	0.5	Horticulture and Greenhouse Management A and B	1.0	CTE Internship	0.5
Biology-Agricultural Science 1A and 1B	1.0				
Plant and Soil Science A and B or PSC 1800	1.0				

CTSO: FFA

### Career Cluster: Arts, Audio/Video Technology and Communications

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

#### Broadcasting and Digital Media

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Computer Programming 1	0.5	Video Production 1	0.5	CTE Internship	0.5
Computer Science Principles	0.5				
Digital Media 1 (Digital Graphic Intro)	0.5				
Digital Media 1 (BTECH Digital Media)	1.0				
Web Development 1	0.5				

CTSO: SkillsUSA

#### Fashion Apparel and Textiles

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Digital Media 1 (Digital Graphic Intro)	0.5	Sewing Construction and Textiles 2	0.5	CTE Internship	0.5
Digital Media 1 (BTECH Digital Media)	1.0	BTECH Fashion Design Merchandising	1.0		
Sewing Construction and Textiles 1	0.5				
Fashion Design Studio	0.5				

CTSO: FCCLA

### Career Cluster: Business, Finance and Marketing

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Business Administration					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Accounting 1 or BUSN 1111	0.5	Business Management	0.5	CTE Internship	0.5
Digital Media 1 (Digital Graphic Intro)	0.5	Business Management Principles (BUSN 1010)	0.5		
Digital Media 1 (BTECH Digital Media)	1.0				
Economics-ECON 1500	0.5				
Entrepreneurship	0.5				
Marketing 1	0.5				
BTECH Real Estate	1.0				
Web Development 1	0.5				

CTSO: DECA, FBLA

Business Information Management					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Accounting 1 or BUSN 1111	0.5	Business Office Specialist	0.5	CTE Internship	0.5
Digital Media 1 (Digital Graphic Intro)	0.5				
Digital Media 1 (BTECH Digital Media)	1.0				
Economics-ECON 1500	0.5				
Entrepreneurship	0.5				
Intro to Info Tech (BTECH)	1.0				
Web Development 1	0.5				

CTSO: FBLA

Finance					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Accounting 1 or BUSN 1111	0.5	Accounting 2		CTE Internship	0.5
Economics-ECON 1500	0.5				
Entrepreneurship	0.5				
Marketing 1	0.5				
BTECH Real Estate	1.0				
Web Development 1	0.5				

CTSO: FBLA

## Career Cluster: Computer Science and Information Technology

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Programming and Software Development					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Computer Programming 1	0.5	Computer Programming 2-CS 1400	0.5	CTE Internship	0.5
Computer Science Principles	0.5	Gaming Development Fundamentals	0.5		
Robotics 1	0.5				
Exploring Computer Science	0.5				
Information Technology, Intro	1.0				

CTSO: FBLA, SkillsUSA, TSA

## Career Cluster: Engineering and Technology

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Engineering					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
CAD Architectural Design 1	0.5	Robotics 2	0.5	CTE Internship	0.5
CAD Mechanical Design 1	0.5	CAD Mechanical Design 2	0.5		
CAIM Automated Manufacturing (AM STEM odd years)	1.0				
Electronics 1 (BTECH Electronics 1)	1.0				
Machining 1 (BTECH Machining 1)	1.0				
Robotics 1	0.5				
Welding Tech Entry	0.5				
Woods 1	0.5				

CTSO: TSA

### Career Cluster: Health Science

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Health Science					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Intro to Health Science	0.5	BTECH Dental Assistant	1.0	CTE Internship	0.5
Human Development (HDES 1500)	0.5	Emergency Medical Response	0.5		
Medical Anatomy and Physiology A and B	1.0	Exercise Science/Sports Medicine	1.0		
Medical Terminology (HEAL 1008)	0.5	Health Science Capstone (HTHS 1110, 1111 (2))	1.5		
		BTECH Medical Assistant	1.0		
		BTECH Nurses Assistant (CNA)	1.0		
		BTECH Pharmacy Technician	1.0		

CTSO: HOSA

### Career Cluster: Human Services

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Personal Care Services (Cosmetology)					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Accounting 1 or BUSN 1111	0.5	BCC-Cosmetology and Barbering (Barbering)	1.5	CTE Internship	0.5
Business Management or BUSN 1010	0.5	BCC-Cosmetology and Barbering (Cosmetology)	1.5		

CTSO: SkillsUSA

### Career Cluster: Law, Public Safety, Corrections and Security

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Protective Services					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Exploring Computer Science	0.5	Fire Science (BTECH Wildland Firefighter)	1.0	CTE Internship	0.5
Intro to Health Science	0.5				
Intro to Info Tech (BTECH)	1.0				
Law Enforcement	0.5				

CTSO: HOSA, SkillsUSA

### Career Cluster: Manufacturing

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Manufacturing and Production					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits

CAD Mechanical Design 1	0.5	Manufacturing Principles 2 (AM STEM even years)	1.0	CTE Internship	0.5
CAM Automated Manufacturing (AM STEM odd years)	1.0	Woods 2	0.5		
Woods 1	0.5				

CTSO: SkillsUSA, TSA

Welding and Machining					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Machining 1 (BTECH Machining 1)	1.0	Welding Tech-Intermediate	0.5	Welding Technician, Advanced Level (BTECH)	1.0
Welding Tech-Entry	0.5			CTE Internship	0.5

CTSO: FFA, SkillsUSA

## Career Cluster: Transportation, Distribution, and Logistics

To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in the Pathway

Diesel					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Automotive, Intro (BTECH Automotive Introduction)	1.0	Welding Tech-Entry Level	0.5	CTE Internship	0.5
Electronics 1 (BTECH Electronics 1)	1.0	ASE Diesel I/II/III (BTECH Diesel ASE I/II/III)	1.0		
Machining 1 (BTECH Machining Technology)	1.0				

CTSO: SkillsUSA