

## Green Canyon 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

#### Agricultural Mechanics Systems

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Agricultural Science 1A and B Agricultural mechanics and Technology 1A and 1B	1.0	Agricultural mechanics and Technology 2A and 2B		CTE Internship	0.5
Biology Agricultural Science 1A and 1B	1.0				
Business Communication 1	0.5				
Business Leadership 1					

**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-NIDES 1020	0.5
Human Development-HDFS 1500	0.5			CTE Internship	0.5
Medical Anatomy and Physiology A and B	1.0				

**CTSO: FCCLA**

#### Plant Science

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Agricultural Science 1A and B Biology Agricultural Science 1A and B	1.0	Floriculture and Greenhouse mgmt A and B	1.0	CTE Internship	0.5
Business Communication 1	0.5				
Leadership management Principles					

**CTSO: FFA**

### Career Cluster: Architecture and Construction

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

#### Interior Design

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Business Communication 1	0.5	Interior Design 2-IDT 1010	0.5	CTE Internship	0.5
Digital media 1 (Digital Graphic Intro) or	0.5				
Digital media 1 (BTECH Digital Media 1)	1.0				
Interior Design 1	0.5				
Marketing 1	0.5				

**CTSO: FCCLA**

### 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
Augmented virtual Reality-Mixed Reality Essentials-DCM	0.5	Video Production 1	0.5	CTE Internship	0.5

Computer Programming 1	0.5				
Computer Science Principles- CS 1030	0.5				
Digital Media 1 (Digital Graphic Intro) or	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) or	0.5	Sewing Construction and Textiles 2	0.5	CTE Internship	0.5
Digital Media 1 (BTECH Digital Media)	1.0	BTECH Fashion Merchandising A, B	1.0		
Sports and Outdoor Product Design or FCSE 1010	0.5				
Sewing Construction and Textiles 1	0.5				
Fashion Design Studio	0.5				

**CTSO: FCCLA**

**Career Cluster: 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		Business Management	0.5	Business and Marketing Capstone	0.5
Business Communication 1	0.5			CTE Internship	0.5
Business Law					
Business Leadership 1					
Digital Media 1 (Digital Graphic Intro) or	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				
Sports and Entertainment Marketing	0.5				
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		Business Office Specialist	0.5	Business and Marketing Capstone	0.5
Business Communication 1	0.5			CTE Internship	0.5
Business Law					
Database Development					
Digital Media 1 (Digital Graphic Intro) or	0.5				
Digital Media 1 (BTECH Digital Media)	1.0				
Economics-ECON 1500	0.5				
Entrepreneurship	0.5				
Information Technology, Intro (BTECH Info Tech Intro)	1.0				

Web Development 1	0.5			
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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
A.P. Computer Science Principles A and B	1.0	Computer Programming 2-CS 1400	0.5	Gaming Development Fundamentals 2	0.5
Computer Programming 1	0.5	Database Development		CTE Internship	0.5
Computer Science Principles-CS 1030	0.5	Gaming Development Fundamentals 1	0.5		
Robotics 1	0.5				
Exploring Computer Science	0.5				
Information Technology, Intro (BTECH Info Tech Intro)	1.0				

CTSO: FBLA, SkillsUSA, TSA

Web Development					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Computer Science Principles-CS 1030	0.5	Web Development 2	0.5	CTE Internship	0.5
Database Development					
Digital Media 1 (Digital Graphic Intro) or	0.5				
Digital Media 1 (BTECH Digital Media)	1.0				
Entrepreneurship	0.5				
Exploring Computer Science	0.5				
Information Technology, Intro	1.0				
Web Development 1	0.5				

CTSO: FBLA, SkillsUSA, 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	1.5	CTE Internship	0.5
Human Development-HDFS 1500	0.5	Emergency Medical Response - AT 2300			
Medical Anatomy and Physiology A and B	1.0	Exercise Science A and B	1.0		
Medical Terminology	0.5	BTECH Medical Assistant	1.0		
		BTECH Nurse Assistant	1.0		
		BTECH Pharmacy Technician	1.0		

CTSO: HOSA

## Career Cluster: Hospitality and Tourism

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

Hospitality and Tourism					
Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Accounting 1 or BUSN 1111		Hospitality and Tourism	0.5	Business and Marketing Capstone	0.5

Business Communication 1	0.5			CTE Internship	0.5
Business Law					
Culinary I (BTECH Culinary Arts)	1.0				
Digital media I (Digital Graphic Intro) or	0.5				
Digital media I (BTECH Digital Media)	1.0				
Economics-ECON 1500	0.5				
Entrepreneurship	0.5				
Marketing 1	0.5				
Web Development 1	0.5				
Business Office Specialist	0.5				

CTSO: FBLA

### 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		BBCC-Cosmetology and Barbering (Barbering)	1.5	CTE Internship	0.5
Business Management	0.5	BBCC-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				
Information Technology, Intro (BTECH Info Tech Intro)	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	Woods 3	0.5
CAM Automated Manufacturing (AM/STEM odd years)	1.0			CTE Internship	0.5
Woods 1	0.5				

CTSO: SkillsUSA, TSA

#### Welding and Machining

Explorer Courses	Credits	Concentrator Courses (1 Required)	Credits	Completer Courses	Credits
Machining I (BTECH Machining 1)	1.0	Welding Tech-Intermediate Level	0.5	Welding Tech 3-Advanced Level	1.0
Welding Tech-Entry Level	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, Introduction - BTECH Automotive Introduction	1.0	ASE Diesel IIMIKR (BTECH ASE Diesel Engine)	1.0	CTE Internship	0.5
Electronics 1 (BTECH Electronics 1)	1.0				
Machining 1 (BTECH Machining Technology)	1.0				
Welding 1 - Welding Tech-Entry Level	0.5				
Welding Tech-Intermediate	0.5				
Welding 3-Advanced (BTECH Welding ADV)	1.0				

CTSO: SkillsUSA