

# ATC Completer Guide

## Architecture/Mechanical Design

4 unit completer pathway

WBL internship required for completer status

- Mechanical Design 1\*\*
- Mechanical Design 2
- Architectural Design 1
- Arts, Audio-Video Tech & Communications WBL

\*\* 9<sup>th</sup> graders with Algebra 1

## Automotive Collision & Repair Technology

4 unit completer pathway

- Collision 1\*\*
- Collision 2
- Collision 3 & 4 = 2 units double blocked
- Transportation, Distribution & Logistics WBL

\*\* 9<sup>th</sup> graders with Algebra 1 and English 1

## Automotive Technology

4 unit completer pathway

- Auto Tech 1\*\*
- Auto Tech 2
- Auto Tech 3 & 4 = 2 units double blocked
- Transportation, Distribution & Logistics WBL

\*\* 9<sup>th</sup> graders with Algebra 1 and English 1

## Carpentry

4 unit completer pathway

- Intro to Construction\*\*
- Carpentry 1
- Carpentry 2 & 3 = 2 units double blocked
- Architecture & Construction WBL

\*\*9<sup>th</sup> graders

## Cosmetology

8 unit completer pathway

Paired courses, double blocked and yearlong

### Requirements:

- Cosmetology 1 & 2 = 4 units (junior year)
- Cosmetology 3 & 4 = 4 units (senior Year)
  - Completion of 1540 hours
  - SC Department of Labor & Licensing requires a government issued ID & Social Security card
  - Chemistry strongly recommended

## Culinary Arts Management

3 unit completer pathway

- Culinary Arts 1\*\*
- Culinary Arts 2 = 2 units double blocked
- Hospitality & Tourism WBL

\*\* Foods and Nutrition 1 or Sports Nutrition 1 required

## Drone Innovation Technologies

- Drone Innovation Technologies 1
- Drone Innovation Technologies 2
- Drone Innovation Technologies 3

## Digital Arts

4 unit completer pathway

- Digital Arts 1\*\*
- Digital Arts 2
- Digital Arts 3^^
- Digital Arts 4^^
- Arts, Audio-Visual Tech & Communications WBL

\*\*9<sup>th</sup> graders

^^Dual credit courses through YTC

## Electricity

4 unit completer pathway

- Intro to Construction\*\*
- Electricity 1
- Electricity 2 & 3 = 2 units double blocked
- Architecture & Construction WBL

\*\*9<sup>th</sup> graders

# ATC Completer Guide

## Health Science

3 unit completer pathway

### Required Courses:

- Health Science 1\*\*
- Health Science 2

### Plus one more of the following:

- Health Science 3
- Clinical Studies^^
- PLTW Human Body Systems
- Medical Terminology
- Intro to Vet Science
- Health Science or Sports Medicine WBL

\*\*9<sup>th</sup> graders with English 1 and Algebra 1

## HVAC Technology

4 Unit Completer Pathway

- Intro to Construction\*\*
- HVAC 1
- HVAC 2
- HVAC 3
- Architecture & Construction WBL

\*\*9<sup>th</sup> graders

## Introduction to Teaching

4 unit completer pathway

### Required courses:

- Intro to Teaching 1
- Intro to Teaching 2 & 3 = 2 units paired and yearlong

### Plus one more of the following:

- Child Development 1
- Entrepreneurship
- Family & Consumer Sciences 1
- Family Life Education
- Fundamentals of Web Page Design
- Health Science 1
- Human Development
- IT Fundamentals
- Parenting Education
- Teacher Cadet
- Education & Training WBL

## Mechatronics Integrated Technologies

4 unit completer pathway

- Mechatronics 1 ^^
- Mechatronics 2 ^^
- Mechatronics 3 ^^
- Mechatronics 4 ^^
- Manufacturing WBL

\*\*Dual Credit course through YTC

## Logistics and Distribution

4 unit completer pathway

- Logistics 1: Introduction to Logistics\*\*
- Logistics 2: Functional Areas in Logistics
- Logistics 3: Global Logistics Management
- Logistics 4: Logistics & Supply Chain Management
- Transportation, Distribution & Logistics WBL

\*\*9<sup>th</sup> graders

## Plant and Animal Systems

4 unit completer pathway

- Agricultural Science and Technology\*\*
- Agri-Business & Marketing
- Animal Science
- Intro to Horticulture
- Intro to Veterinary Science
- Agriculture, Food & Natural Resources WBL

\*\*9<sup>th</sup> graders

## Media Technology

4 unit completer pathway

- Media Technology 1: Intro to Video Prod\*\*
- Media Technology 2: Intermediate Video Prod
- Media Technology 3: Studio Broadcast Prod
- Media Technology 4: Advanced Video Prod
- Arts, Audio-Visual Tech & Communications WBL

\*\*9<sup>th</sup> graders

## Welding

4 unit completer

- Welding 1 & 2 = 2 units double blocked
- Welding 3 & 4 = 2 units double blocked ^^
- Manufacturing WBL

^^Dual Credit courses through YTC

# High School CTE Programs Completer Guide

## Accounting

3 unit completer pathway

### Required courses:

- Accounting 1
- Accounting 2

### Plus one more of the following:

- Advanced Personal Finance
- Business Finance
- Business Law
- Entrepreneurship
- Finance WBL

## Business Finance

3 unit completer pathway

### Required courses:

- Accounting 1
- Business Finance

### Plus one more of the following:

- Advanced Personal Finance
- Business Law
- Entrepreneurship
- Marketing
- Finance WBL

## General Management

3 unit completer pathway

### Required courses:

- Accounting 1
- Entrepreneurship

### Plus one more of the following:

- Accounting 2
- Business Law
- Fundamentals of Webpage Design
- Marketing
- Business Management & Administration WBL

## Marketing Communications

3 unit completer

### Required courses:

- Advertising or Digital Media Marketing
- Marketing

### Plus one more of the following:

- Accounting 1
- Advertising
- Digital Media Marketing
- Entrepreneurship
- Fundamentals of Web Page Design
- Sports & Entertainment Marketing
- Marketing WBL

## Marketing Management

3 unit completer

### Required courses:

- Marketing
- Marketing Management or Sports & Entertainment Management

### Plus one more of the following:

- Accounting 1
- Business Finance
- Business Law
- Entrepreneurship
- Intro to Hospitality & Tourism
- Sports & Entertainment Marketing
- Marketing WBL

## Hospitality and Tourism Management

3 unit completer pathway

**Required courses:** Intro to Hospitality and Tourism Management and Culinary Arts Management 1 or Sports & Entertainment Management

### Plus one more of the following:

- Accounting 1
- Culinary Arts Management 1
- Entrepreneurship
- Foods & Nutrition 1
- Fundamentals of Web Page Design
- IT Fundamentals
- Marketing Management
- Sports & Entertainment Management
- Sports & Entertainment Marketing
- Hospitality & Tourism WBL

## Fashion Design

3 unit completer pathway

### Required courses:

- Fashion Design & Apparel Construction 1
- Fashion Design & Apparel Construction 2

### Plus one more of the following:

- Entrepreneurship
- Family & Consumer Sciences 1
- Fashion, Fabric and Design 1
- Marketing Management
- Mechanical Design 1
- Arts, A-V Tech & Communications WBL

# High School CTE Programs Completer Guide

## Biomedical Sciences (PLTW)

3 Unit Completer Pathway

### Required Courses:

- PLTW Human Body Systems
- PLTW Principles of Biomedical Sciences

### Plus one more of the following:

- Health Science 3
- Medical Terminology
- PLTW Medical Interventions
- Health Science or Sports Medicine WBL

## Computer Science (PLTW)

4 Unit Completer Pathway

### Required Courses:

- PLTW Computer Science Essentials
- PLTW Computer Science Principles
- PLTW Computer Science A
- PLTW Cybersecurity
- Information Technology WBL

## Game and Interactive Media Design

4 Unit Completer Pathway

### Required Courses:

- Foundations of Animation
- Game Design & Development

### Plus two more of the following:

- Accounting 1
- Digital Art & Design 1
- Entrepreneurship
- Fundamentals of Computing
- Fundamentals of Web Page Design
- Intro to Computer Programming
- Media Technology 1
- AP/PLTW Computer Science A
- PLTW Computer Science Essentials
- AP/PLTW Computer Science Principles
- PLTW Cybersecurity
- Information Technology WBL

## Family & Consumer Science

3 Unit Completer Pathway

### Required Courses (at least 2 of the following):

- Advanced Personal Finance
- Child Development 1
- Family & Consumer Sciences 1
- Family Life Education 1
- Fashion, Fabric & Design 1 and/or 2
- Financial Fitness 1 and/or 2
- Foods & Nutrition 1 and/or 2
- Housing & Interiors 1 and/or 2
- Human Development 1 and/or 2
- Parenting Education 1
- Sports Nutrition

### If a 3<sup>rd</sup> unit is needed, choose from one of these:

- Culinary Arts Management 1
- Entrepreneurship
- Fashion Design & Apparel Construction 1
- Intro to Hospitality & Tourism Management
- Intro to Teaching 1
- IT Fundamentals
- Teacher Cadet
- Family & Consumer Sciences WBL

# High School CTE Programs Completer Guide

## Pre-Engineering (PLTW)

4 unit completer pathway

### Required courses:

- Intro to Engineering & Principles of Engineering *OR*
- Intro to Engineering & Engineering Essentials *OR*
- Engineering Essentials & Principles of Engineering

### Plus one or two more of the following:

- PLTW Aerospace Engineering
- PLTW Digital Electronics
- PLTW Civil & Architectural Engineering
- PLTW Computer Science Principles
- Pre-Engineering/Engineering & Industrial Tech Ed WBL
- STEM WBL

## Programming & Software Development

3 unit completer pathway

### Required courses:

- Intro to Computer Programming
- Intermediate Computer Programming

### Plus one more of the following:

- Fundamentals of Computing
- Fundamentals of Web Page Design
- Game Design & Development
- AP Computer Science A
- AP or PLTW Computer Science Principles
- PLTW Computer Science Essentials
- PLTW Cybersecurity
- IT Fundamentals
- Information Technology WBL

## Sports Medicine

3 Unit Completer Pathway

### Required Courses:

- Sports Medicine 1
- Sports Medicine 2

### Plus one more of the following:

- Health Science 3
- PLTW Human Body Systems
- Sports Nutrition
- Medical Terminology
- Health Science or Sports Medicine WBL

## Web and Digital Communications

3 unit completer

### Required courses:

- Advanced Web Page Design
- Fundamentals of Web Page Design

### Plus one more of the following:

- Digital Media Marketing
- Foundations of Animation
- Fundamentals of Computing
- Game Design & Development
- IT Fundamentals
- AP Computer Science A
- AP or PLTW Computer Science Principles
- PLTW Computer Science Essentials
- PLTW Cybersecurity
- Information Technology WBL