

SMPS Jump Start Graduation Pathways

Check with your School Counselor to see which pathways are offered at your school

Statewide Graduation Pathways
<ol style="list-style-type: none">1) Certified Nursing Assistant2) Emergency Medical Tech3) Electrician4) Oil & Gas T2 Safety Systems5) ProStart / Restaurant6) Welder
Integrated Graduation Pathways
<ol style="list-style-type: none">1) Hospitality, Tourism, Culinary and Retail2) Manufacturing, Construction Crafts & Logistics
Regional Graduation Pathways
<ol style="list-style-type: none">1) Business Management2) Commercial Driver3) Micro-Enterprise4) Welder's Helper
Act 833 Eligible Regional Pathways
<ol style="list-style-type: none">1) Hospitality, Tourism, Culinary and Retail 833-Eligible2) Manufacturing, Construction Crafts and Logistics 833-Eligible

Choosing a Jump Start Graduation Pathway

1. Determine which careers interest you.
2. Look at the corresponding graduation pathway on the following pages to see a sample schedule of the courses you will be required to take and the credential you must earn.
3. Speak with your School Counselor about the specific pathway courses offered at your school.

Jump Start Graduation Pathway	Related High-Demand Careers
Certified Nursing Assistant	5 Star: Medical and Health Service Managers; LPN; RN 3 Star: Medical Records and Health Information Technicians; Health Science Teachers; Medical Transcriptionist 2 Star: Medical Secretaries; Office Clerks; Receptionists and Information Clerks; Home Health Aides; Nursing Aides; Orderlies; & Attendants
Emergency Medical Tech	4 Star: Emergency Medical Technicians & Paramedics 3 Star: Emergency Management Directors 2 Star: Ambulance Drivers and Attendants
Electrician	5 Star: Electricians; First-line Supervisors of Construction Trades 4 Star: Valve Installers
Oil & Gas T2 Safety Systems	4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts
Prostart / Restaurant	5 Star: General & Operations Managers in Food Service; Market Managers 4 Star: Chefs & Head Cooks; Dietitians & Nutritionists; Food Service Managers 3 Star: Food Science Technicians; First-Line Supervisors of Food Preparation & Serving Workers; Food Scientists & Technologists
Welder	5 Star: Welders, Cutters, Solderers, Brazers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics 4 Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters
Hospitality, Tourism, Culinary and Retail (including Act 833 Eligible)	Hospitality: 5 Star – General and Operations Manager; 4 Star – Food Service Manager; Lodging Manager; 3 Star – Customer Service Representative; First-Line Supervisor of Food Prep and Serving Workers, Housekeeping and Janitorial Workers, Personal Service Workers; 2 Star – Hotel, Motel and Resort Desk Clerks Tourism: 4 Star – Lodging Manager; 2 Star – Hotel Desk Clerk; Tour Guide and Escort; Travel Agent Culinary: 4 Star – Food Service Manager; Chefs and Head Cook; 3 Star – First Line Supervisor of Food Prep and Serving Workers; 2 Star – Cook, Baker; 1 Star – Food Preparation Worker Retail: 5 Star: Sales Manager; 4 Star: First-Line Supervisor of Retail Workers. Also: Store Manager, Assistant Store Manager; 2 Star: Security Guard, Retail Salesperson
Manufacturing, Construction Crafts & Logistics (including Act 833 Eligible)	5 Star: Service Unit Operator; Heating, Air Conditioning & Refrigeration Mechanic & Installer; Cost Estimator; Inspector, Mechanical Engineer; Welder 4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts; Bus & Truck Mechanic; Diesel Engine Specialist; Farm Equipment Mechanic and Service Technician; AgriScience Teacher 3 Star: Engine & Other Machine Assembler; Also: Industrial Engineering Technicians, Petroleum Pump Systems Operators, Refinery Operators, Chemical Plant and System Operators, Maintenance Workers, Electricians, Construction Managers, Machinists, Mechanical Drafters
Business Management	Retail Management: 5 Star - Sales Managers; 4 Star - First-Line Supervisors of Retail Workers. Also - Store Managers, Assistant Store Managers Business Administration: 5 Star - Administrative Services Manager, Supervisor of Office Workers, Financial Managers. Also - Customer Service Representative, Office Supervisor, Operations Manager, Management Analyst Hospitality Management: 5 Star – General and Operations Managers; 4 Star – Food Service and Lodging Managers
Commercial Driver	5 Star: Heavy and Tractor-Trailer Truck Drivers; First Line Supervisors of Transportation & Material Movers 4 Star: Emergency Medical Technicians & Paramedics 3 Star: Drivers/Sales Workers; Light Truck or Delivery Service Drivers; Bus Drivers, Transit, & Inercity; Logging Equipment Operators; Police, Fire, and Ambulance Dispatchers 2 Star: Ambulance Drivers & Attendants-Except EMT; Athletes & Sports Competitors; Bus Drivers: School or Special Client; Couriers & Messengers; Refuse and Recyclable Material Collectors; Taxi Drivers & Chauffeurs
Micro-Enterprise	5 Star: Property, Real Estate and Community Association Manager 4 Star: Real Estate Sales Agent 2 Star: Hairdresser, Hairstylist and Cosmetologist, Interior Designers; Costume Attendants
Welder's Helper	Helper positions in the Manufacturing trades: Tack Welder, T-Joint Welder, Grinder Assistant, Rod Identifier/Runner, Maintenance Assistant 5 Star: Welders, Cutters, Solderers, Brazers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics 4 Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters 2 Star: Construction Laborers

Pathway Name	Certified Nurse Assistant (CNA)		Statewide Pathway
High-Demand Careers Related to this Pathway	5 Star: Medical and Health Service Managers; LPN; RN 3 Star: Medical Records and Health Information Technicians; Health Science Teachers; Medical Transcriptionist 2 Star: Medical Secretaries; Office Clerks; Receptionists and Information Clerks; Home Health Aides; Nursing Aides; Orderlies; & Attendants		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II <i>BCA</i> <i>Medical Terminology</i> elective	Business English Financial Literacy US History <i>First Responder</i> <i>Psychology</i> <i>elective</i> elective elective	4 th English Course <i>Nurse Assistant (2 credits)</i> elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Chemistry Health Science Intro to Health Occupations Nutrition & Food/Adv Nutrition & Food	Sports Medicine Accounting I Customer Service	JROTC III JROTC IV Principles of Business	Speech I Speech II Word Processing
Credentials Earned:	Attain one statewide credential Certified Nurse Aide – Louisiana Department of Health and Hospitals, Health Standards Section		

Pathway Name	Emergency Medical Tech		Statewide Pathway
High-Demand Careers Related to this Pathway	4 Star: Emergency Medical Technicians & Paramedics 3 Star: Emergency Management Directors 2 Star: Ambulance Drivers and Attendants		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health Journey to Careers IBCA	English II Geometry Biology Civics PE II BCA Medical Terminology Nutrition & Food/Adv Nutrition & Food	Business English Financial Literacy US History First Responder Customer Service Psychology <i>elective</i> <i>elective</i>	4th English Course <i>elective</i> <i>elective</i> <i>elective</i>
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Chemistry Health Science Intro to Health Occupations	Nurse Assistant Psychology Sports Medicine	Accounting I JROTC III JROTC IV	Principles of Business Speech II Word Processing
Credentials Earned by Student: Attain one statewide credential	Emergency Medical Responder – Louisiana Department of Health and Hospitals – Emergency Medical Services section		

Pathway Name	Electrician			Statewide Pathway
High-Demand Careers Related to this Pathway	5 Star: Electricians; First-line Supervisors of Construction Trades 4 Star: Valve Installers			
9 th Grade	10 th Grade	11 th Grade	12 th Grade	
English I Math Essentials Algebra I Environmental Science PE I Health Journey to Careers IBCA	English II Geometry Biology Civics PE II BCA NCCER Core elective	Business English Financial Literacy US History NCCER Electrical I (2 credits) elective elective elective	4th English Course NCCER Electrical II (2 credits) elective	
8 credits	8 credits	8 credits	4 credits	
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>				
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:				
Agriscience II Agriscience III Chemistry NCCER Welding Tech I NCCER Welding Tech II	Oil & Gas T2 Safety Accounting I Agriscience I Customer Service	First Responder JROTC III JROTC IV Principles of Business Speech I	Speech II Word Processing	
Credentials Earned by Student: Attain one statewide credential	National Center for Construction Education Research (NCCER) Electrical Level 1 or above			

Pathway Name	Oil & Gas T2 Safety Systems		Statewide Pathway
High-Demand Careers Related to this Pathway	4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health Journey to Careers IBCA	English II Geometry Biology Civics PE II BCA NCCER Core elective	Business English Financial Literacy US History NCCER Electrical I (2 credits) elective elective elective	4th English Course Oil & Gas T2 Safety Systems elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Agriscience II Agriscience III Chemistry NCCER Electrical II	NCCER Welding Tech I NCCER Welding Tech II Accounting I Agriscience I	Customer Service First Responder JROTC III JROTC IV	Principles of Business Speech I Speech II Word Processing
Credentials Earned by Student: Attain one statewide credential	American Petroleum Institute (API) T2 Production Safety Systems		

Pathway Name	ProStart (including ServSafe)		Statewide Pathway
High-Demand Careers Related to this Pathway	5 Star: General & Operations Managers in Food Service; Market Managers 4 Star: Chefs & Head Cooks; Dietitians & Nutritionists; Food Service Managers 3 Star: Food Science Technicians; First-Line Supervisors of Food Preparation & Serving Workers; Food Scientists & Technologists		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health Journey to Careers IBCA	English II Geometry Biology Civics PE II BCA Nutrition & Food/Adv Nutrition & Food FACS	Business English Financial Literacy US History ProStart I (2 credits) Customer Service elective elective	4th English Course ProStart II (2 credits) elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Baking & Pastries Chemistry Health Science	Web Design I Accounting I First Responder	JROTC II JROTC IV Principles of Business	Speech I Speech II Word Processing
Credentials Earned by Student: Attain one statewide credential	National Restaurant Association ProStart National Certificate of Achievement <i>and</i> ServSafe Food Protection Manager Certificate		

Pathway Name	Welder		Statewide Pathway
High-Demand Careers Related to this Pathway	5 Star: Welders, Cutters, Solderers, Brazers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics 4 Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science Health PE I Journey to Careers IBCA	English II Geometry Biology Civics PE II BCA NCCER Core elective	Business English Financial Literacy US History NCCER Welding Tech I First Responder elective elective elective	4th English Course NCCER Welding Tech II elective elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Agriscience II Agriscience III Chemistry NCCER Electrical I	NCCER Electrical II NCCER Welding Tech II Oil & Gas T2 Safety	Accounting I Customer Service JROTC III JROTC IV	Principles of Business Speech I Speech II
Credentials Earned by Student: Attain one statewide credential	National Center for Construction Education and Research (NCCER) Welding - Level 1 or above		

Pathway Name	Hospitality, Tourism, Culinary, & Retail		Integrated Pathway
High-Demand Careers Related to this Pathway	<u>Hospitality</u> : 5 Star – General and Operations Manager; 4 Star – Food Service Manager; Lodging Manager; 3 Star – Customer Service Representative; First-Line Supervisor of Food Prep and Serving Workers, Housekeeping and Janitorial Workers, Personal Service Workers <u>Tourism</u> : 4 Star – Lodging Manager; 2 Star – Hotel Desk Clerk; Tour Guide and Escort; Travel Agent <u>Culinary</u> : 4 Star – Food Service Manager; Chefs and Head Cook; 3 Star – First Line Supervisor of Food Prep and Serving Workers <u>Retail</u> : 5 Star: Sales Manager; 4 Star: First-Line Supervisor of Retail Workers. Also: Store Manager, Assistant Store Manager		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II <i>BCA</i> <i>Nutrition & Food/Adv Nutrition & Food</i> <i>FACS</i>	Business English Financial Literacy US History <i>Customer Service</i> <i>ProStart I (2 credits)</i> <i>elective</i> elective	4th English Course elective elective elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Baking & Pastries Chemistry Health Science ProStart II	Web Design Accounting I First Responder	JROTC III JROTC IV Principles of Business	Speech I Speech II Word Processing
Credentials Earned by Student: Attain one Statewide credential OR Attain one Core credential AND two Complementary credentials	Statewide Credential		
	National Restaurant Association ProStart National Certificate of Achievement <i>and</i> ServSafe Food Protection Manager Certification		
	Regional Core Credential	Complementary Credentials	
National Retail Federation (NRF) Customer Service OR ServSafe Manager Certification – NRA (National Restaurant Association)	<i>2 of the following:</i> 1) Internet and Computing Core Certification (IC3) – Certiport 2) Microsoft Excel Specialist – Microsoft and Certiport 3) Microsoft PowerPoint Specialist – Microsoft and Certiport 4) Microsoft Word Specialist – Microsoft and Certiport 5) National Career Readiness Certificate WorkKeys Silver – ACT		

Pathway Name	Manufacturing, Construction, Crafts, & Logistics		Integrated Pathway
High-Demand Careers Related to this Pathway	5 Star: Service Unit Operator; Heating, Air Conditioning & Refrigeration Mechanic & Installer; Cost Estimator; Inspector, Mechanical Engineer; Welder 4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts; Bus & Truck Mechanic; Diesel Engine Specialist; Farm Equipment Mechanic and Service Technician; AgriScience Teacher 3 Star: Engine & Other Machine Assembler Also: Industrial Engineering Technicians, Petroleum Pump Systems Operators, Refinery Operators, Chemical Plant and System Operators, Maintenance Workers, Electricians, Construction Managers, Machinists, Mechanical Drafters		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II <i>BCA</i> <i>NCCER Core</i> elective	Business English Financial Literacy US History <i>First Responder</i> <i>NCCER Electrical I (2 credits)</i> <i>elective</i> <i>elective</i>	4th English Course elective elective elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Agriscience II Agriscience III Chemistry NCCER Electrical II NCCER Welding Tech I	NCCER Welding Tech II Oil & Gas T2 Safety Accounting I Agriscience I	Customer Service JROTC III JROTC IV Principles of Business Speech I	Speech II Word Processing
Credentials Earned by Student: Attain one Statewide credential; <u>OR</u> Attain one Core credential AND two Complementary credentials.	Statewide Credential		
	NCCER Level 1 or above in the following areas: Carpentry, Electrical, and Welding <u>OR</u> Production Safety Systems T-2 / API-U – American Petroleum Institute		
	Regional Core Credential	Complementary Credentials	
Emergency Medical Responder – Louisiana Department of Health and Hospitals – Emergency Medical Services section <u>OR</u> Completion of NCCER Core and Designated Helper Modules in the following areas: Carpentry, Electrical	<i>2 of the following:</i> 1) Internet and Computing Core Certification (IC3) – Certiport 2) Microsoft Excel Specialist – Microsoft and Certiport 3) Microsoft PowerPoint Specialist – Microsoft and Certiport 4) Microsoft Word Specialist – Microsoft and Certiport 5) Customer Service and Sales – National Retail Federation 6) National Career Readiness Certificate WorkKeys Silver – ACT 7) NCCER Core – National Center for Construction Education Research (NCCER)		

Pathway Name	Business Management		Regional Pathway
High-Demand Careers Related to this Pathway	<u>Retail Management</u> – 5 Star: Sales Managers; 4 Star: First---Line Supervisors of Retail Workers. Also: Store Managers, Assistant Store Managers <u>Business Administration</u> – 5 Star: Administrative Services Manager, Supervisor of Office Workers, Financial Managers. Also: Customer Service Representative, Office Supervisor, Operations Manager, Management Analyst <u>Hospitality Management</u> --- 5 Star – General and Operations Managers; 4 Star – Food Service and Lodging Managers		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II <i>BCA</i> <i>elective</i> <i>elective</i>	Business English Financial Literacy US History <i>Customer Service</i> <i>elective</i> <i>elective</i> <i>elective</i>	4th English Course Elective elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Medical Terminology Web Design	Accounting I First Responder	JROTC II JROTC IV Principles of Business	Speech I Speech II Word Processing
Credentials Earned by Student: Attain one Core credential AND two Complementary credentials.	Regional Core Credential	Complementary Credentials	
	Customer Service and Sales (National Retail Federation)	<i>2 of the following:</i> 1) Internet and Computing Core Certification (IC3) – Certiport 2) Microsoft Excel Specialist – Microsoft and Certiport 3) Microsoft PowerPoint Specialist – Microsoft and Certiport 4) Microsoft Word Specialist – Microsoft and Certiport 5) National Career Readiness Certificate WorkKeys Silver – ACT	

Pathway Name	Commercial Driver		Regional Pathway
High-Demand Careers Related to this Pathway	5 Star: Heavy and Tractor-Trailer Truck Drivers; First Line Supervisors of Transportation & Material Movers 4 Star: Emergency Medical Technicians & Paramedics 3 Star: Drivers/Sales Workers; Light Truck or Delivery Service Drivers; Bus Drivers, Transit, & Inercity; Logging Equipment Operators; Police, Fire, and Ambulance Dispatchers 2 Star: Ambulance Drivers & Attendants-Except EMT; Athletes & Sports Competitors; Bus Drivers: School or Special Client; Couriers & Messengers; Refuse and Recyclable Material Collectors; Taxi Drivers & Chauffeurs		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II <i>BCA</i> <i>elective</i> <i>elective</i>	Business English Financial Literacy US History <i>elective</i> <i>elective</i> <i>elective</i> elective	4th English Course Elective elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Agriscience I Agriscience II Driver Education & Safety* NCCER Core	NCCER Electrical I NCCER Electrical II Oil & Gas T2 Safety	Accounting I First Responder JROTC II JROTC IV	Principles of Business Speech I Speech II Word Processing
Credentials Earned by Student: Attain one Core credential AND two Complementary credentials.	Regional Core Credential	Complementary Credentials	
	Class "A" Commercial Driver's License - Combination Vehicles– Louisiana DMV <u>OR</u> Class "B" Commercial Driver's License - Heavy Straight Vehicles – Louisiana DMV <u>OR</u> Class "C" Commercial Driver's License - Light Vehicles – Louisiana DMV <u>OR</u> Class "D" Chauffeurs Driver's License (17 years of age and above) – Louisiana DMV *must be 18 for “A, B, and C”	2 of the following: 1) Internet and Computing Core Certification (IC3) – Certiport 2) Microsoft Excel Specialist – Microsoft and Certiport 3) Microsoft PowerPoint Specialist – Microsoft and Certiport 4) Microsoft Word Specialist – Microsoft and Certiport 5) National Career Readiness Certificate WorkKeys Silver – ACT	

Pathway Name	Micro-Enterprise		Regional Pathway
High-Demand Careers Related to this Pathway	5 Star: Property, Real Estate and Community Association Manager 4 Star: Real Estate Sales Agent 2 Star: Hairdresser, Hairstylist and Cosmetologist, Interior Designers; Costume Attendants		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health Journey to Careers IBCA	English II Geometry Biology Civics PE II BCA elective elective	Business English Financial Literacy US History Accounting I Cosmetology I (2 credits) elective elective	4th English Course Cosmetology II (2 credits) elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Chemistry Web Design	Customer Service First Responder	JROTC II JROTC IV Principles of Business	Speech I Speech II Word Processing
Credentials Earned by Student: Attain one Core credential AND two Complementary credentials.	Regional Core Credential	Complementary Credentials	
	Louisiana Micro-Enterprise Credential (Baton Rouge Area Chamber / State Chambers of Commerce) OR QuickBooks	<i>2 of the following:</i> 1) Internet and Computing Core Certification (IC3) – Certiport 2) Microsoft Excel Specialist – Microsoft and Certiport 3) Microsoft PowerPoint Specialist – Microsoft and Certiport 4) Microsoft Word Specialist – Microsoft and Certiport 5) Customer Service and Sales – National Retail Federation 6) National Career Readiness Certificate WorkKeys Silver – ACT	

Pathway Name	Welder Helper		Regional Pathway
High-Demand Careers Related to this Pathway	Helper positions in the Manufacturing trades: Tack Welder, T-Joint Welder, Grinder Assistant, Rod Identifier/Runner, Maintenance Assistant 5 Star: Welders, Cutters, Solderers, Brazers, Plumbers, Pipefitters, Steamfitters, Industrial Machine Mechanics 4 Star: Boilermakers, Maintenance and Repair Workers, Sheet Metal Workers, Structural Metal Fabricators and Fitters 2 Star: Construction Laborers		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II BCA NCCER Core <i>elective</i>	Business English Financial Literacy US History NCCER Welding Tech I First Responder <i>elective</i> <i>elective</i> <i>elective</i>	4th English Course NCCER Welding Tech II <i>elective</i> <i>elective</i>
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Agriscience II Agriscience III Chemistry NCCER Electrical I NCCER Electrical II	NCCER Welding Tech I NCCER Welding Tech II Oil & Gas T2 Safety Accounting I	Customer Service First Responder JROTC III JROTC IV Principles of Business	Speech I Speech II
Credentials Earned by Student: Attain one Core credential AND two Complementary credentials	Regional Core Credential	Complementary Credentials	
	NCCER Core plus NCCER Welding Level 1 Modules as indicated	<i>2 of the following:</i> 1) Internet and Computing Core Certification (IC3) – Certiport 2) Microsoft Excel Specialist – Microsoft and Certiport 3) Microsoft PowerPoint Specialist – Microsoft and Certiport 4) Microsoft Word Specialist – Microsoft and Certiport 5) Customer Service and Sales – National Retail Federation 6) National Career Readiness Certificate WorkKeys Silver – ACT	

Pathway Name	Hospitality, Tourism, Culinary, & Retail		Act 833 Pathway
High-Demand Careers Related to this Pathway	<p><u>Hospitality</u>: 5 Star – General and Operations Manager; 4 Star – Food Service Manager; Lodging Manager; 3 Star – Customer Service Representative; First-Line Supervisor of Food Prep and Serving Workers, Housekeeping and Janitorial Workers, Personal Service Workers; 2 Star – Hotel, Motel and Resort Desk Clerks</p> <p><u>Tourism</u>: 4 Star – Lodging Manager; 2 Star – Hotel Desk Clerk; Tour Guide and Escort; Travel Agent</p> <p><u>Culinary</u>: 4 Star – Food Service Manager; Chefs and Head Cook; 3 Star – First Line Supervisor of Food Prep and Serving Workers; 2 Star – Cook, Baker; 1 Star – Food Preparation Worker</p> <p><u>Retail</u>: 5 Star: Sales Manager; 4 Star: First-Line Supervisor of Retail Workers; 2 Star: Security Guard, Retail Salesperson</p>		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II BCA Nutrition & Food/Adv Nutrition & Food FACS	Business English Financial Literacy US History Customer Service <i>elective</i> <i>elective</i> <i>elective</i>	4th English Course elective <i>elective</i>
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Baking and Pastries Chemistry Health Science ProStart II	Web Design Accounting I First Responder	JROTC III JROTC IV Principles of Business	Speech I Speech II Word Processing
Credentials Earned by Student: Attain the culminating credential(s) approved by the student’s IEP team	Any of the following credentials approved by the student’s IEP team: 1) Customer Service and Sales Credential – NRF (National Retail Federation) 2) Internet and Computing Core Certification (IC3) – Certiport 3) Microsoft Office Specialist Excel (MOS) – Microsoft and Certiport 4) Microsoft Office Specialist PowerPoint (MOS) – Microsoft and Certiport 5) Microsoft Office Specialist Word (MOS) – Microsoft and Certiport 6) ServSafe Food Protection Manager Certification – National Restaurant Association		

Pathway Name	Manufacturing, Construction, Crafts, & Logistics		Act 833 Pathway
High-Demand Careers Related to this Pathway	5 Star: Service Unit Operator; Heating, Air Conditioning & Refrigeration Mechanic & Installer; Cost Estimator; Inspector, Mechanical Engineer; Welder 4 Star: Derrick Operators; Rotary Drill Operator; Roustabouts; Bus & Truck Mechanic; Diesel Engine Specialist; Farm Equipment Mechanic and Service Technician; AgriScience Teacher 3 Star: Engine & Other Machine Assembler Also: Industrial Engineering Technicians, Petroleum Pump Systems Operators, Refinery Operators, Chemical Plant and System Operators, Maintenance Workers, Electricians, Construction Mangers, Manchinists, Mechanical Drafters		
9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I Math Essentials Algebra I Environmental Science PE I Health <i>Journey to Careers</i> <i>IBCA</i>	English II Geometry Biology Civics PE II <i>BCA</i> <i>NCCER Core</i> elective	Business English Financial Literacy US History <i>NCCER Electrical I (2 credits)</i> <i>elective</i> <i>elective</i> elective	4th English Course elective elective elective
8 credits	8 credits	8 credits	4 credits
<i>Bold italicized courses count as one of the required 9 Carnegie credits for graduating via this CTE pathway</i>			
Choose from the following pathway specific electives to fill in the remaining bold italicized electives:			
Agriscience II Agriscience III Chemistry NCCER Electrical II NCCER Welding Tech I	NCCER Welding Tech II Oil & Gas T2 Safety Accounting I Agriscience I	Customer Service JROTC III JROTC IV Principles of Business Speech I	Speech II Word Processing
Credentials Earned by Student: Attain the culminating credential(s) approved by the student's IEP team	Any of the following credentials approved by the student's IEP team: 1) NCCER Core 2) Completion of the Helper modules in the NCCER Carpenter Level 1 3) Completion of the Helper modules in another NCCER Level 1 certification		