

CTE Checklist

Agribusiness Systems	Mr. Hovatter
The Agribusiness Systems concentration focuses on entrepreneurial skills and careers in the broad spectrum of Agriculture, Food, and Natural Resources. This concentration offers the most flexibility of all agriculture concentrations for students to select a specialization from many areas: Forestry, Horticulture, Advanced Agriculture Principles, Animal Science, Agriculture Mechanics, Animal Processing, Natural Resources and Biotechnology.	<p>MUST BE TAKEN 1st,</p> <ol style="list-style-type: none"> 1. Intro to Agriculture, Food, & Natural Resources 2. The Science of Agriculture <p>Choose one of the following as the 3rd course:</p> <ul style="list-style-type: none"> • Advanced Principles of Agriculture • Animal Production and Management • Fundamentals of Agriculture Mechanics
Power, Structural, and Technical Systems	Mr. Freeman
The Power, Structural and Technical Systems concentration focuses on entrepreneurial skills and careers in the agricultural mechanics industry. Specializations for this concentration allow students to pursue their interests in either agricultural structures or agriculture repair and maintenance.	<p>MUST BE TAKEN 1st,</p> <ol style="list-style-type: none"> 1. Fundamentals of Agriculture Mechanics 2. Intro to Agriculture, Food, & Natural Resources <p>Choose one of the following as the 3rd course:</p> <ul style="list-style-type: none"> • Agriculture Structures • Agriculture Equipment and Repair
Accounting	Mr. Furby
The Accounting concentration focuses on careers that record, classify, summarize, analyze, and communicate a business's financial information/business transactions for use in management decision making. Accounting includes bookkeeping, systems design, analysis, and interpretation of accounting information.	<p>MUST BE TAKEN FIRST</p> <ol style="list-style-type: none"> 1. Accounting Principles I 2. Accounting Principles II <p>Choose two of the following as the 3rd and 4th courses:</p> <ul style="list-style-type: none"> • Business Computer Applications I MS Word and PowerPoint (BCA I) • Business Computer Applications II MS Excel and Access (BCA II) • Business and Marketing Essentials
Management and Administrative Support	Mr. Furby
The Management and Administrative Support concentration focuses on careers that facilitate business operations through a variety of administrative and clerical duties including information and communication management, data processing and collection, and project tracking.	<p>MUST BE TAKEN 1st,</p> <ol style="list-style-type: none"> 1. Business and Marketing Essentials <p>Choose three of the following as the 2nd, 3rd, and 4th courses:</p> <ul style="list-style-type: none"> • Accounting Principles I • Accounting Principles II • Business Computer Applications I MS Word and PowerPoint (BCA I) • Business Computer Applications II MS Excel and Access (BCA II)
Information Management	Mr. Furby
The Information Management concentration focuses on careers that produce images through hands-on activities and experiences which will include: operating a digital camera, using imaging software, using drawing software, creating simple animations, and manipulating video images. Students incorporate journalistic principles in design and layout of print and Web publications including integration of text and graphics and use of sophisticated hardware and software to develop and create quality materials for business-related tasks. Students will analyze the information and the audience and combine appropriate text, graphics, and design to communicate the desired message effectively.	<p>MUST BE TAKEN FIRST</p> <ol style="list-style-type: none"> 1. Business Computer Applications I MS Word and PowerPoint (BCA I) 2. Business Computer Applications II MS Excel and Access (BCA II) <p>Choose two of the following as the 3rd and 4th courses:</p> <ul style="list-style-type: none"> • Digital Imaging /Multimedia I • Web Page Publishing • Desktop Publishing

Early Childhood Education	Mrs. Daugherty
The early childhood development and services pathway involves caring for the psychological, physical, and emotional growth of children from infancy through adolescence. It includes occupations related to the nurturing or teaching of infants and young children in child care centers, nursery schools, preschools, public schools, private households, and before- and after-school programs. Students will have the opportunity to volunteer at Headstart, local daycare centers, and other childcare activities in the county.	MUST BE TAKEN IN ORDER <ol style="list-style-type: none"> 1. ECE I 2. ECE II 3. ECE III 4. ECE IV

STEM (Science, Technology, Engineering, & Math)	Mr. Antion
The STEM concentration focuses a broad range of STEM related foundation knowledge including basic safety, use of tools and equipment as well as how to employ positive work ethics in STEM related careers.	MUST BE TAKEN 1st, <ol style="list-style-type: none"> 1. Construction Systems 2. Communications Systems (can be taken 2nd or 3rd) 3. Transportation Systems (can be taken 2nd or 3rd) MUST BE TAKEN AS THE 4TH COURSE <ol style="list-style-type: none"> 4. Manufacturing Systems

Project Lead the Way (PLTW)	Mr. Antion and Mr. Poling
The Pre-Engineering concentration focuses a broad range of engineering careers and foundation knowledge including basic safety, plan reading, use of tools and equipment as well as how to employ positive work ethics in an engineering career.	MUST BE TAKEN IN ORDER <ol style="list-style-type: none"> 1. Introduction to Engineering Design (IED) 2. Principles of Engineering (POE) 3. Civil Engineering and Architecture 4. Engineering Design and Development (EDD)

Therapeutic Services	Mrs. Weese
The Therapeutic Services Concentration allows the student to explore careers focused primarily on changing the health status of the patient over time. Health professionals in this concentration work directly with patients; they may provide care, treatment, counseling and health education information. Completers will participate in a clinical rotation at a local long term care facility and can be eligible to sit for the CNA exam.	Students must earn an 80% in each course prior to taking the next course. MUST BE TAKEN IN ORDER <ol style="list-style-type: none"> 1. Foundations of Health Science 2. Advanced Principles of Health Science 3. Clinical Specialty I 4. Clinical Specialty II/Science Clinical Experience

ProStart Restaurant Management	Mrs. Shannon
The ProStart Restaurant Management concentration focuses on the skills needed for a successful employment in a restaurant environment, but has applicability for students interested in culinary nutrition, dietary services, and child nutrition services.	MUST BE TAKEN IN ORDER <ol style="list-style-type: none"> 1. Restaurant and Culinary Foundations 2. Restaurant Management Essentials 3. Advanced Principles in Food Production 4. Restaurant Professional