

Pickens High School

Career, Technical & Agricultural Education (CTAE)

10th, 11th, & 12th Grade Course Offering Guide 2016-2017



Pickens High School CTAE Mission:

To provide an opportunity for all students to gain experience and knowledge, while developing relevant skills in a career-related area that interests them.

Greetings,

My name is Tim Baisden and I am the CTAE Director for Pickens County Schools. I am excited to provide this course offering guide as a resource to explain in detail what programs will be offered to 9th graders for the 2016-2017 school year. Students have the opportunity to choose from numerous career pathways offered through our CTAE Department. In our labs, students are given the opportunity to participate in hands-on learning and real-world applications. Currently, we are offering pathways in 9 of the 17 career clusters currently recognized by the Georgia Department of Education. These career clusters are modeled after the National Career Cluster Framework.

At PHS, we believe that choosing and completing a career pathway is extremely important. To complete a pathway, students must take three sequential classes within that program area. As a pathway completer, students will have the opportunity to earn industry recognized credentials that can give them competitive advantage when entering a post-secondary educational institution and/or the workforce.

Career and Technical Student Organizations (CTSOs) are co-curricular organizations with leadership programs and competitive events that directly align with each program area that we offer at PHS. CTSOs play an integral role in preparing students to become college and career ready members of society who hold productive leadership roles in their communities.

Identifying an area of study that interests the student is key to us providing a meaningful learning experience. CTAE has offerings that appeal to all students, regardless of what their plans include after high school graduation. It is my hope that by using this guide and other reference materials, you are given the tools necessary to make informed decisions. Please do not hesitate to contact me directly with any further questions that you may have about our CTAE programs. My contact information can be found on the back page of this guide.

Sincerely,

Tim Baisden, Ed. S.

Understanding this Guide:

- The Career Cluster is listed in **bold** at the top of each page.
- The Career Pathway refers to the specific area within the Cluster that we are currently offering.
- CTSOs are the co-curricular organizations that provide leadership and competitive event opportunities for students.
- Industry Credentials are what the student can receive, when passing an assessment upon completion of a Pathway.

Helpful Hints:

- Research the Pathway that you are interested in.
- Investigate a career that you are interested in and decide what Pathway best aligns with this career.
- Look at the 2nd and 3rd level courses to gain full understanding of the Pathway, including the Industry Credential.
- Decide on a Pathway that will assist you in achieving your career goal(s).
- Use the links on the back of this guide for more information.
- **Courses** and any underlined word(s) link to additional sites or documents.

Activity to Assist in Choosing a Career Cluster:

*List possible careers that interest you, and then use this guide to help determine which Career Cluster best fits these interests.

Career That Interests You	Related Career Cluster

Agriculture, Food & Natural Resources

Instructors: [Joe Wright](#) & [Jason Cantrell](#)

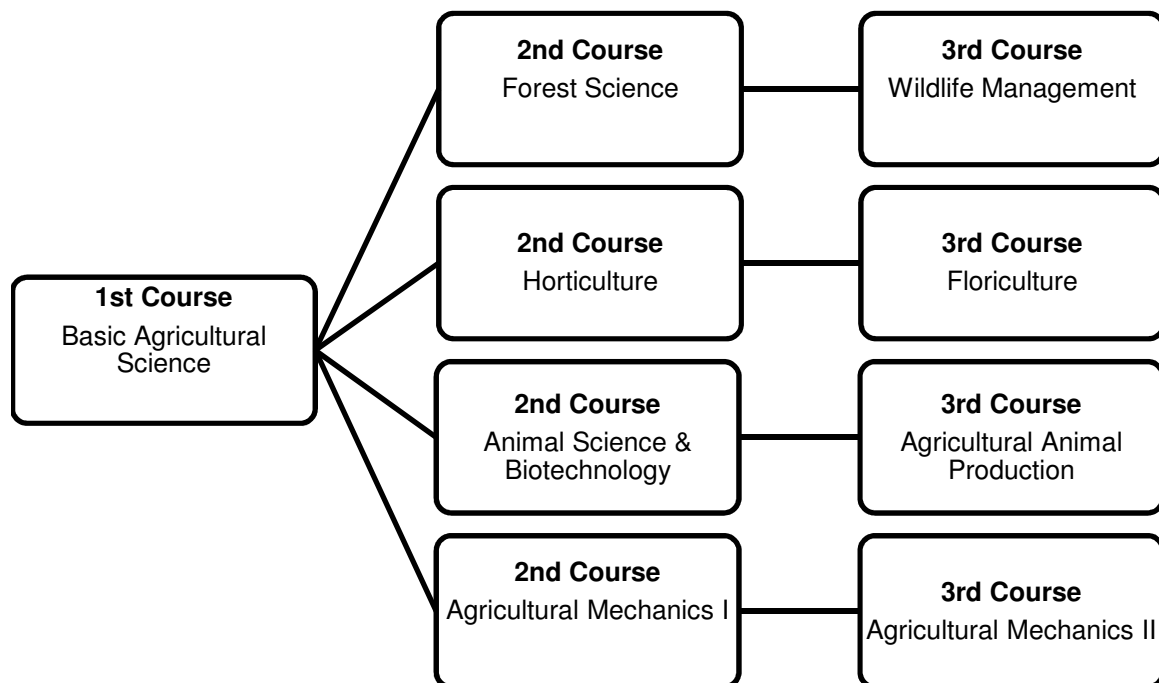
CTSO: [FFA](#) (The National FFA Organization)

Pathways: Forestry/Wildlife Systems, Horticulture, Animal Science
Agricultural Mechanics Systems

1st Course Offered: [Basic Agricultural Science](#)

Course Description:

This course is designed as the foundational course for all Agriculture, Food & Natural Resources Pathways. The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies.



FFA Mission Statement:

The National FFA Organization is dedicated to making a positive difference in the lives of young people by developing their potential for premier leadership, personal growth and career success through agricultural education.

Education & Training

Instructor: [Angie Allen](#)

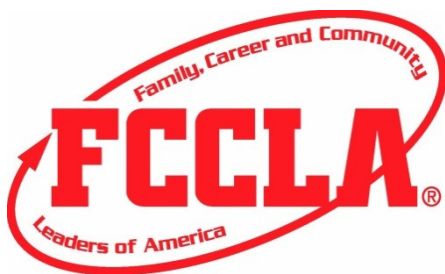
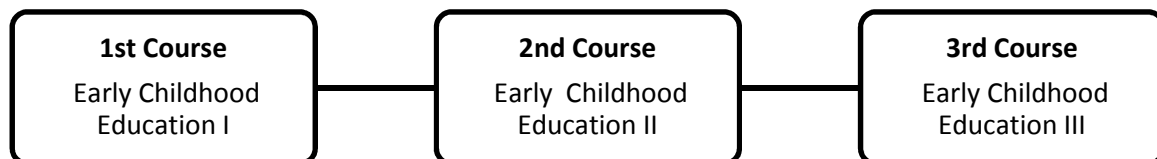
CTSO: [FCCLA](#) (Family, Career & Community Leaders of America)

Pathway: Early Childhood Care & Education I

1st Course Offered: Early Childhood Education I

Course Description:

The Early Childhood Education I course is the foundational course under the Early Childhood Care & Education pathway and prepares the student for employment in early childhood education and services. The course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children.



FCCLA Mission Statement: To promote personal growth and leadership development through Family and Consumer Sciences education. Focusing on the multiple roles of family member, wage earner and community leader, members develop skills for life through: character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation.

Arts, A/V Technology & Communications

Instructor: [Angela Quarles](#)

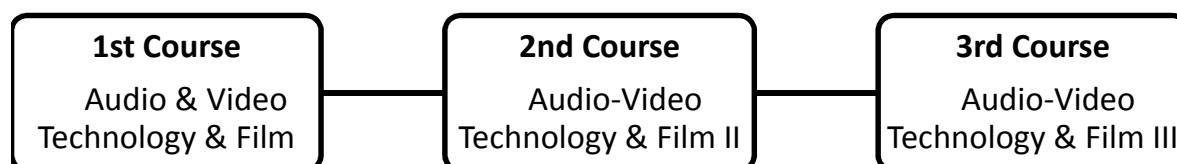
CTSO: [TSA](#) (Technology Student Association)

Pathway: Audio-Video Technology & Film

1st Course Offered: Audio & Video Technology & Film

Course Description:

This course will serve as the foundational course in the Audio & Video Technology & Film pathway. The course prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.



TSA Mission Statement: The Technology Student Association fosters personal growth, leadership, and opportunities in Science, Technology, Engineering, and Mathematics (STEM); members apply and integrate these concepts through co-curricular activities, competitions, and related programs.

Science, Technology, Engineering & Math (STEM)

Instructor: [Angela Quarles](#)

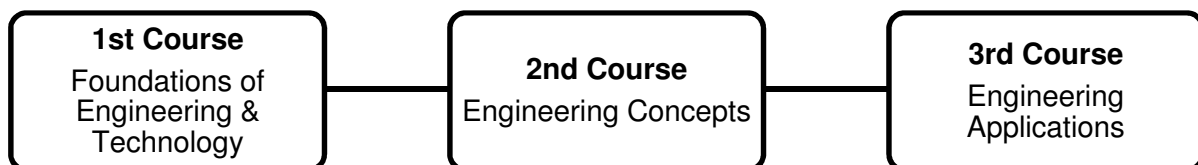
CTSO: [TSA](#) (Technology Student Association)

Pathway: Engineering & Technology

1st Course Offered: Foundations of Engineering & Technology

Course Description:

The Foundations of Engineering and Technology is the introductory course for the Engineering and Technology Education pathways. This STEM driven course provides the students with an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy.



TSA Mission Statement: The Technology Student Association fosters personal growth, leadership, and opportunities in Science, Technology, Engineering, and Mathematics (STEM); members apply and integrate these concepts through co-curricular activities, competitions, and related programs.

Business, Management & Administration

Instructor: [Ginger Rizoti](#)

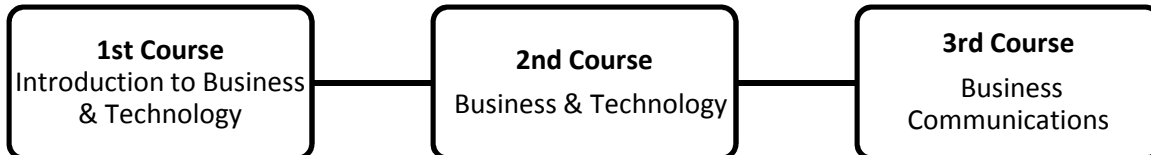
CTSO: [FBLA](#) (Future Business Leaders of America)

Pathway: Business & Technology

1st Course Offered: Introduction to Business & Technology

Course Description:

Introduction to Business & Technology is the foundational course for Business and Technology, Entrepreneurship, and Human Resources Management pathways. The course is designed for high school students as a gateway to the career pathways above, and provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course.



FBLA Mission: Our mission is to bring business and education together in a positive working relationship through innovative leadership and career development programs.

Information Technology

Instructor: [Aaron Holland](#)

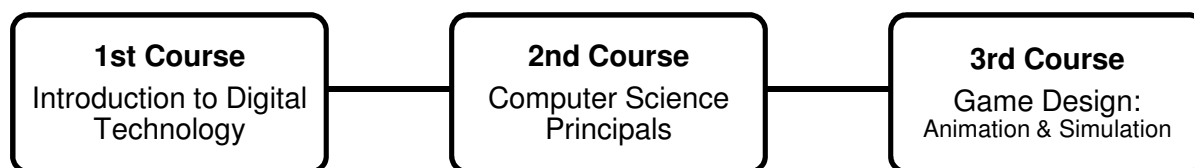
CTSO: [FBLA](#) (Future Business Leaders of America)

Pathway: Web & Digital Design

1st Course Offered: Introduction to Digital Technology

Course Description:

Introduction to Digital Technology is the foundational course for Web & Digital Communications, Programming, Advanced Programming, Information Support & Services, and Network Systems pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project –focused tasks.



FBLA Mission: Our mission is to bring business and education together in a positive working relationship through innovative leadership and career development programs.

Health Science

Instructor: [Leslie Zuidema](#)

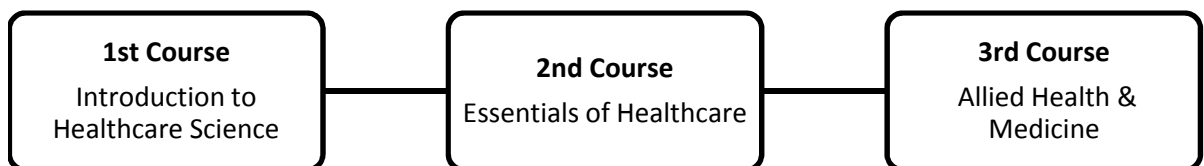
CTSO: [HOSA](#) (Health Occupations Students of America)

Pathway: Therapeutic Services/Allied Health & Medicine

1st Course Offered: Introduction to Healthcare Science

Course Description:

Introduction to Healthcare Science is the foundational course for all Health Science pathways and is a prerequisite for all other Healthcare Science pathway courses. This course will enable students to receive initial exposure to the many Healthcare Science careers as well as employability, communication, and technology skills necessary in the healthcare industry. The concepts of human growth and development, interaction with patients and family members, health, wellness, and preventative care are evaluated, as well as the legal, ethical responsibilities of today's healthcare provider.



HOSA Mission Statement: To enhance the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development of all health science technology education students, therefore, helping students to meet the needs of the health care community.

Architecture & Construction

Instructor: [Tommy Tatum](#)

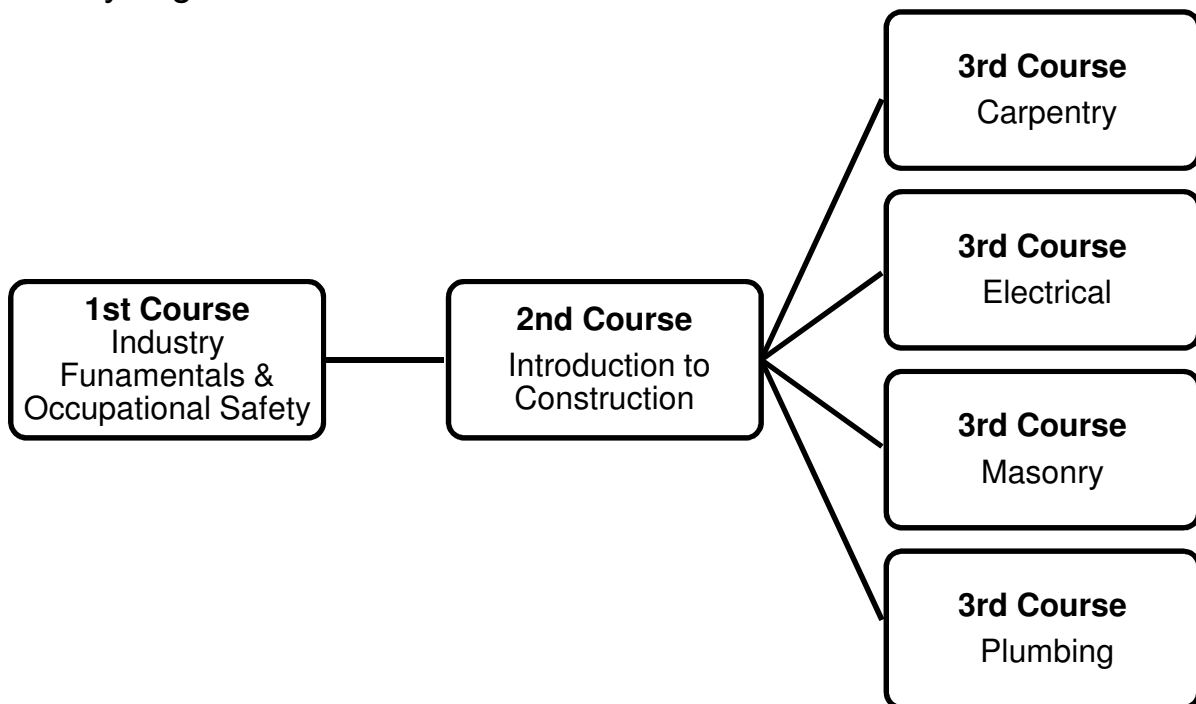
CTSO: [SkillsUSA](#)

Pathways: Carpentry, Plumbing, Electrical, Masonry

1st Course Offered: Industry Fundamentals & Occupational Safety

Course Description:

This course is designed as the foundational course in the Carpentry, Plumbing, Electrical, & Masonry pathways to prepare students for pursuit of any career in construction. The course prepares the trainee for the basic knowledge to function safely on or around a construction site and in the industry in general.



Skills USA Mission Statement: SkillsUSA

empowers its members to become world-class workers, leaders and responsible American citizens. SkillsUSA improves the quality of America's skilled workforce through a structured program of citizenship, leadership, employability, technical and professional skills training.



Hospitality and Tourism

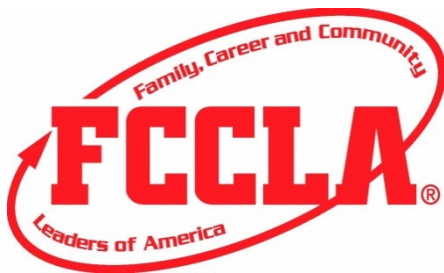
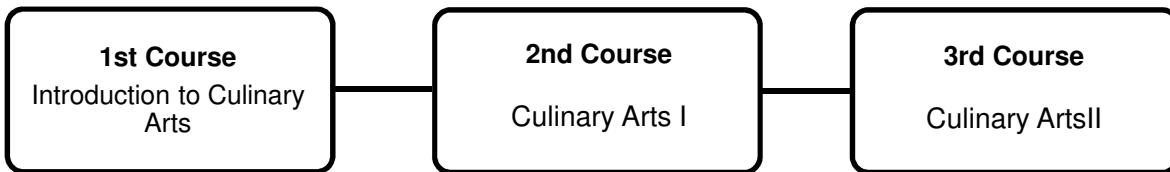
Instructor: [Sue Gibbons](#)

CTSO: [FCCLA](#) (Family, Career & Community Leaders of America)

Pathways: Culinary Arts

1st Course Offered: Introduction to Culinary Arts

Course Description: Introduction to Culinary Arts is the foundational course designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures. The course also provides an overview of the professionalism in the culinary industry and career opportunities leading into a career pathway to Culinary Arts.



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Pickens High School CTAE Office

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Helpful CTAE Resources:

<http://phsctae.weebly.com>

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Career-Cluster-homepage.aspx>

<http://www.gactso.org/index.php>

<http://www.careertech.org/career-clusters>



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