Dalton High School

CTAE
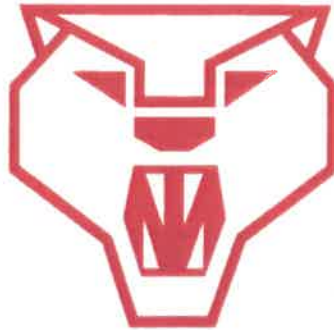
CAREER TECHNICAL & AGRICULTURAL EDUCATION

*Career, Technical, and Agricultural Education (CTAE) is preparing Georgia's students for their next step after high school--college beginning a career, registered apprenticeships, or the military. Georgia CTAE pathway course offerings and the new Educating Georgia's Future Workforce Initiative leverage partnerships with industry and higher education to ensure students have the skills they need to thrive in the future workforce. (**First year pathway courses are for freshman or sophomores, juniors and seniors must ask their counselor for approval. In order to move to the next course in the pathway, you must pass the current course with a 70)***

ARMY JROTC

The Junior Reserve Officer' Training Corps is a leadership education program. This program will help students build a strong knowledge base of self discovery and leadership skills that are applicable to many leadership and managerial situations. Mastery of the Army Junior Reserve Officers Training Corps standards through project-based learning, service learning and leadership development activities will prepare students for the 21st Century leadership responsibilities. The curriculum focus is reflected in its mission statement, "To motivate young people to be better citizens."

JROTC Army: Leadership Edu I

Description: This course is designed to introduce students to the history, customs, traditions and purpose of the Army JROTC program. It teaches students strategies to maximize their potential for success through learning and self-management. Basic leadership skills to include leadership principles, values and attributes and Communications skills are integrated throughout the course.

JROCT Army: Leadership Edu II

Description: As self directed learners, students study the fundamentals citizenship skills, the foundation of the American political system and our Constitution. Personal responsibility and wellness is reinforced by diet, nutrition and physical fitness activities. Drug and alcohol awareness and prevention are reinforced. Students are placed in leadership roles that enable them to demonstrate an understanding of basic leadership principles, values and attributes.

JROTC Army: Leadership Edu III

Description: This course is designed to build on the leadership experiences developed during JROTC Army 1 and 2. Basic command and staff principles are introduced and include an overview of organizational roles and responsibilities. Leadership strategies, managing conflict, leading others, planning and communications skills are evaluated to improve organizational effectiveness. Career planning is investigated.

JROCT Army: Leadership Edu IV

Description: This course is designed to build on the leadership skills developed in JROTC 3. Students develop an in-depth understanding of the branches of military service. Intermediate leadership skills to include leadership principles, values and attributes and communications skills are integrated throughout the course. Financial planning skills are studied through the National Endowment for Financial Education. Fundamental teaching skills are introduced.

AUDIO, VIDEO, TECH & FILM

For students interested in COMMUNICATIONS

Audio Video Technology and Film allows students to work with their hands and collaborate on fun, interactive projects while working in a production studio setting. Using state of the art technology, students complete projects in designing, writing, producing, editing and filming. Students will also develop business and effective communication skills as they learn to interact with clients and customers.

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Teamwork is integral part of fast-paced rig-curriculum. students com-across the na-

Audio & Video Tech & Film I

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 post secondary 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.

Audio & Video Tech & Film II

Description: This course is the second in the series that prepare students for a career in Audio Video Technology and film production and/or to transfer to a postsecondary program for further study. Topics include: planning, writing, directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance' Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics.

Audio &Video Tech & Film III

Description: This course is designed to facilitate student led projects under the guidance of the instructor. Students work cooperatively and independently in all phases of production.

BUSINESS, MANAGEMENT AND ADMINISTRATION

For students interested in ENTREPRENEURSHIP

This class will teach the process of how to start and manage a new business. Students learn how to identify, assess and develop a business plan as well as how to find and evaluate business opportunities. Emphasis is on different forms of business organizations including sole proprietorships, partnerships, corporations and franchises. Other topics include the environment of business, globalization and e-business.

Careers of interest related to this pathway would be entrepreneurs/business owners, managers, salespersons, supervisors, secretaries, HR positions, insurance and even doctors or lawyers who want to own/open their own practice one day.

Introduction to Business and Technology

Description: 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. Emphasis is placed on developing proficient fundamental computer skills that are required for all career pathways. Students will learn essentials for working in a business environment, managing a business, and owning a business.

Legal Environment of Business

Description: Legal Environment of Business addresses statutes and regulations affecting businesses, families, and individuals. All students will benefit with the knowledge of business law as they will eventually assume roles as citizens, workers, and consumers in their communities and in society at large.

Entrepreneurship

Description: Entrepreneurship focuses on recognizing a business opportunity, starting a business, operating and maintaining a business. Students will be exposed to the development of critical thinking, problem solving, and innovation in this course as they will either be the business owner or individuals working in a competitive job market in the future. Integration of accounting, finance, marketing, business management, legal and economic environments will be developed throughout projects in this course. Working to develop a business plan that includes structuring the organization, financing the organization, and managing information, operations, marketing, and human resources will be a focus in the course. Engaging students in the creation and management of a business and the challenges of being a small business owner will be fulfilled in this course.

EDUCATION AND TRAINING

The education Program Concentration is designed for students who are interested in pursuing a career in the Education field. There are many diverse opportunities in Education, from a school administrator, school counselor, elementary school teacher, special needs teacher, secondary teacher, post secondary teacher, career and technical teacher, preschool teacher, paraprofessional - and the list continues. Students will have two career pathways to choose from: **Early Childhood Education & Teaching as a Profession**. These pathways will introduce the foundations of education, combined with knowledge and skills, gained in both the classroom and in the workplace, to prepare students for a career in Education.

EARLY CHILDHOOD EDUCATION

Early Childhood Education I
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.

Early Childhood Education II
Description: The course provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and developmental issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses.

Early Childhood Education III
Description: The course provides in-depth study of early brain development and its implications for early learning, appropriate technology integration, and developmentally appropriate parenting and child guidance trends. Also addressed are collaborative parent/ teacher/child relationships and guidance, child directed play, the changing dynamics of family culture and diversity, the causes and effects of stress on young children, and infant nutrition.

EDUCATION AND TRAINING

TEACHING AS A PROFESSION

Examining the Teaching Profession

Examining the Teaching Profession is the foundational course under the Teaching as a Profession pathway and prepares students for future positions in the field of education. Teaching as a Profession students study, apply, and practice the use of current technologies, effective teaching and learning strategies, the creation of an effective learning environment, and the creation of instructional opportunities for diverse learners and students with special needs. They plan instruction based on knowledge of subject matter, students, community, and curriculum performance standards.

Contemporary Issues In Education

This course engages the candidate in observations, interactions, and analyses of critical and contemporary educational issues. The candidate will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States and actively examines the teaching profession from multiple vantage points both within and outside of the school. Against this backdrop, the candidate will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy.

Teaching as a Profession Practicum

The practicum offers a candidate in the Teaching as a Profession career pathway a field experience under the direct supervision of a certified teacher (mentor teacher). The practicum stresses observing, analyzing and classifying activities of the mentor teacher and comparing personal traits with those of successful teachers. The candidate intern will develop a portfolio of their skills, plan and teach a lesson or lessons, understand and practice confidentiality as it pertains to the teaching profession, meet the needs of students with special needs, maintain the safety of the students, practice professionalism, and demonstrate ethical behavior.

GRAPHIC DESIGN

Graphic designers—or graphic artists—plan, analyze, and create visual solutions to communications problems. They find the most effective way to get messages across in print, electronic, and film media using a variety of methods such as color, type, illustration, photography, animation, and various print and layout techniques. Graphic designers develop the overall layout and production design of magazines, newspapers, journals, corporate reports, and other publications. Students in this program will use Adobe Illustrator and Adobe Photoshop.
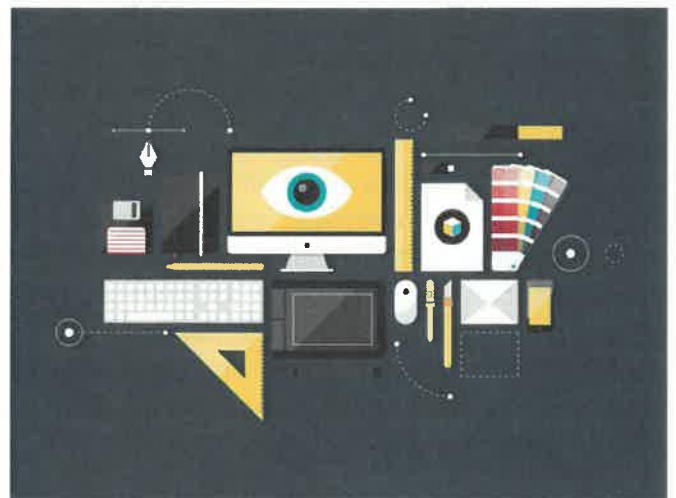
Introduction to Graphics & Design
Description: This course helps students to use computers effectively in their lives, thus providing a foundation for successfully integrating their own interests and careers with the resources of a technological society. They will learn the theories behind creating aesthetically pleasing designs and how to work with consumers.

Graphic Design and Production
Description: As the second course in the Graphics Communication and Graphics Design Pathways, this course builds on knowledge and skills learned in the Introduction to Graphics and Design course and focuses on procedures commonly used in the graphic communication and design industries. Students will gain more experience in creative problem solving and the practical implementation of those solutions across multiple areas of graphic design and graphic communications. The prerequisite for this course is Introduction to Graphics and Design.

Advanced Graphic Design
Description: Students will continue to explore the principles of design and layout procedures as they relate to graphic design. Content will cover job skills and software programs used in graphic design, page composition, image conversion, and digital printing. Knowledge and skills in digital design and imaging will be enhanced through experiences that simulate the graphic design industry and school-based and work-based learning opportunities.

HEALTH SCIENCE

If you are interested in a future in any medical related field, a Healthcare Science concentration provides challenging academic courses, relevant on-the-job experience, and specialized technical skills that will prepare you for a future in this fast-paced, high demand career field.

THERAPEUTIC SERVICES/SPORT MEDICINE

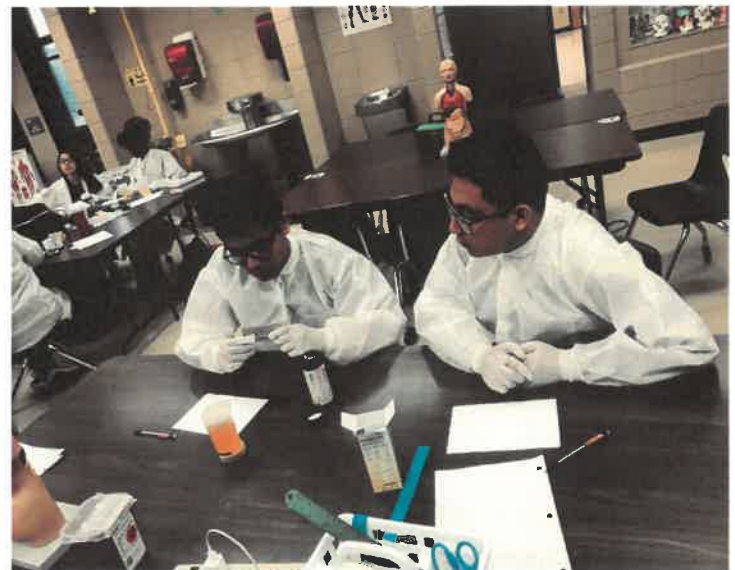### Introduction to Healthcare Science

Description: 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. Fundamental healthcare skills development is initiated including microbiology, basic life support and first aid.

Essentials of Healthcare

Description: The Essential of Healthcare is a medical-focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. This course meets Anatomy Requirement.

Sports Medicine

Description: This course will enable students to receive initial exposure to therapeutic services skills and attitudes applicable to the healthcare industry. The concepts of anatomy and physiology, assessment, preventative and rehabilitative care are introduced. Fundamental healthcare skills development is initiated, including medical terminology, kinesiology, patient assessment, record keeping, and basic life support.

HOSPITALITY & TOURISM

For students interested in COOKING

Culinary Arts is a popular program at Dalton High School. This program is designed for those wanting to learn the "art" of cooking and for those wanting to continue in the Arts field in any of the many diverse opportunities: Personal Chef, Executive Chef, Sous Chef, Pastry Chef, Kitchen Manager, Garde Manger Chef, Banquet Chef, or a Restaurant Entrepreneur/Owner/ Operator.

CULINARY ARTS

Introduction To Culinary Arts
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.

Culinary Arts I
Description: Culinary Arts I is designed to create a complete foundation and understanding of Culinary Arts leading to postsecondary education or a food-service career. This fundamentals course begins to involve in-depth knowledge and hands-on skill mastery of culinary arts.

Culinary Arts II
Description: Culinary Arts II is an advanced and rigorous in-depth course designed for the student who is continuing in the Culinary Arts Pathway and wishes to continue their education at the postsecondary level or enter the food-service industry as a proficient and well-rounded individual. Strong importance is given to refining hands-on production of the classic fundamentals in the commercial kitchen.

INFORMATION TECHNOLOGY

For students interested in CODING

Information technology plays the main role in students being able to go to school and keep their jobs one day. With the introduction of computers, the business world was changed and by using computers and software, businesses use information technology to ensure that their departments run smoothly. These programs are 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. Students can choose to learn the thinking skills computer scientists use or gain an understanding of the fundamental principles used at every stage of

COMPUTER SCIENCE

Intro to Digital Technology

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.

Computer Science Principles

Description: How can computing change the world? What is computer science? Engage your creativity, demonstrate and build your problem solving ability all while connecting the relevance of computer science to the society! Computer Science (CS) Principles is an intellectually rich and engaging course that is focused on building a solid understanding and foundation in computer science.

AP Computer Science **

Description: Learn the principles that underlie the science of computing and develop the thinking skills that computer scientists use. You'll work on your own and as part of a team to creatively address real-world issues using the tools and processes of computation.
**See College Board for Standards & Description
(apstudent.collegeboard.org)

INFORMATION TECHNOLOGY

GAME DESIGN

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Game Design: Animation & Simulation

Description: Students completing this course will gain an understanding of the fundamental principles used at every stage of the game creation process. First, game genres and modes of play are explored in terms of the psychology of incentives, motivation to play, and social networking. Next, virtual characters and non-player characters are reviewed from concept drawing to 2D and 3D art, rigging, and animation. Next, level design, storytelling, and animation are added to develop a virtual world around the characters. These same techniques are at work in training simulator systems, virtual shopping experiences, augmented reality and a number of other important career options.

LAW, PUBLIC SAFETY, CORRECTION & SECRUITY

Law, Public Safety, Corrections and Security workers plan, manage and provide legal, public safety, and security and protective services. Occupations are numerous and represent multiple levels of education and skills. Occupations fall into major categories based on common knowledge and skills: correction services such as correctional officers and jailers; emergency and fire management services such as fire fighters, EMTs, paramedics, and public safety communications; security and protective services such as information security IT specialists; law enforcement such as criminal investigators, police officers, special agents; and legal services such as a court reporters or lawyers.

LAW ENFORCEMENT SERVICES FORENSIC SCIENCE

Introduction to Law, Public Safety, and Security
Description: This course provides students with career-focused educational opportunities in various LPSCS fields. It examines the basic concepts of law related to citizens' rights and responsibilities. Students will receive instruction in critical skill areas including: communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law. Career planning and employability skills will be emphasized.

Criminal Justice Essentials
Description: Students will become immersed in criminal and constitutional law and will review basic law enforcement skills. The course ends with a mock trial to provide participants with a first-hand experience of the criminal justice system

Forensic Science & Criminal Investigation
Description: Forensic Science and Criminal Investigations is a course designed to contextualize scientific principles within the career studies of students interested in criminal justice. The course will utilize scientific equipment; therefore, instructors should have access to a science lab if their Career and Technical Education lab is not equipped. Students will study the forensic application of principles of chemistry, biology, physics and other disciplines. Students will utilize chromatography, electrophoresis, microscopic observation, and other scientific techniques in their studies. Students will also learn some investigative techniques and crime scene Investigation skills through the lens of the scientific method.

MARKETING

The Marketing Education Program is designed to prepare students for postsecondary education and careers in marketing, management and entrepreneurship. Students develop knowledge and skills in the foundational areas of marketing (economics, human relations and business basics) and the functional areas of marketing (product and service planning, marketing-information management, purchasing and pricing, selling and promotion, risk management, financing and distribution/logistics), as well as in international marketing, management and entrepreneurship.

SPORT & ENTERTAINMENT MARKETING

Marketing Principles
Description: Marketing Principles is the foundational course for all pathways in Marketing Education. Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy. Students also develop skills in applying economic concepts to marketing, distribution and logistics, marketing information management, finance in marketing, product/service planning, pricing mixes, promotional strategies, and personal selling.

Introduction to Sports & Entertainment Marketing
Description: This course introduces the student to the major segments of the Sports and Entertainment Industry and the social and economic impact it has on the local, state, national, and global economies. The products and services offered to consumers and the impact of marketing on these products and services are examined. Units include: Business Fundamentals, Product Mix, Product Knowledge, Product/Service Management, Business Regulations, Interpersonal Skills, Selling, Marketing-Information Management, Economics, Distribution, Pricing, Advertising, Publicity/Public Relations, Sales Promotion, Business Risks, and Organization.

Advance Sports & Entertainment Marketing
Description: This course provides students opportunities to develop managerial and analytical skills and deepen their knowledge in sports/entertainment marketing. Topical units include: Marketing-Information Management, Selling, Publicity/ Public Relations, Sales Promotion, Management of Promotion, Product Mix, Pricing, Positioning, and Marketing Planning. Project-based instruction, together with a variety of work - based learning activities, should be incorporated in this course to provide real-world application.

STEM

The Georgia Department of Education is dedicated to preparing students for 21st Century workplace careers by providing high quality educational opportunities in science, technology, engineering, arts, and mathematics fields. In Georgia, STEM education is an integrated curriculum that is driven by exploratory project-based learning and student-centered development of ideas and solutions.

ENGINEERING DRAFTING & DESIGN

Intro to Drafting & Design
Description: Introduction to Drafting and Design is the foundational course for the Architectural Drafting and Design pathway. Emphasis is placed on safety, geometric construction, fundamentals of computer-aided drafting, and multi-view drawings. Students learn drafting techniques through the study of geometric construction at which time they are introduced to computer-aided drafting and design.

Survey of Engineering Graphics
Description: Survey of Engineering Graphics is the second course in the Engineering Drafting and Design Career Pathway. The course is designed to build student skills and knowledge in the field of engineering graphics/technical drafting. The course focus includes employability skills, career opportunities, applied math, working drawings that Include sectional, auxiliary, detail and pictorial views, and pattern developments. In addition, elements in applied mathematics are integrated throughout the course.

3D Modeling and Analysis
Description: Three-Dimensional (3D) Modeling and Analysis is a one-credit course that completes the pathway in Engineering Drafting and Design. Reverse engineering strategies are recommended for third level working drawings. Computer-aided design (CAD) is recommended for use extensively with each standard in the course. Focus is on employability strategies, career studies, applied math, fasteners, working drawings and assembly drawings.

For students interested in ENGINEERING

ENGINEERING & TECHNOLOGY

Today's professionals in the engineering and technology field continue to revolutionize the way we live. They design, produce, operate, and maintain a variety of equipment and services we use in our everyday lives. The rapidly changing engineering and technology field requires a broad educational background and a lifelong commitment to learning new and specialized information. Students in this program will use AutoDesk Fusion 360 and AutoDesk AutoCAD.

Foundations of Engineering
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.

Engineering Concepts
Description: Engineering Concepts is the second course in the Engineering and Technology Pathway. Students will learn to design technical solutions to engineering problems using a whole systems approach to engineering design. Students will demonstrate the application of mathematical tools, teamwork, and communications skills in solving various design challenges, while maintaining a safe work environment.

Engineering Application
Description: Engineering Applications is the third course in the Engineering and Technology Pathway. Students will apply their knowledge of Science, Technology, Engineering, and Math (STEM) to develop solutions to technological problems. Solutions will be developed using a combination of engineering software and prototype production processes. Students will use market research, cost benefit analysis, and an understanding of the design cycle to create and present design, marketing, and business plans for their solutions. A capstone project will allow students to demonstrate their depth of knowledge of the engineering design process and prepare them for future opportunities in the field of engineering.

DECA

DECA is specifically designed to provide activities for students to learn marketing, management, and entrepreneurial skills that will prepare them to pursue a career in the field of marketing. DECA members become more aware of the value of community service; participate in a local, state, and national competitive events program that showcases student skills and allows for interaction with the business community; further develop occupational skills needed for careers in marketing, management, and entrepreneurship; serve in leadership roles; and develop a greater understanding of our competitive, free-enterprise system and an appreciation of the responsibilities of citizenship.

Future Business Leaders of America (FBLA)

Future Business Leaders of America (FBLA) is a student organization for all middle and high school students participating in business programs. As an integral part of the business instructional program, FBLA provides opportunities for students to develop vocational and career-supportive competencies. Participation in FBLA activities promotes civic and personal responsibility; helps students develop business leadership skills and establish career goals; and prepares them for useful citizenship and productive careers.

Family, Career and Community Leaders of America (FCCLA)

Family, Career and Community Leaders of America (FCCLA) is a national student organization that helps young men and women become leaders and address important personal, family, work, and social issues through family and consumer sciences education. Through cooperative and competitive programs, FCCLA members develop skills for life including character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation. Participation in national programs and co-curricular chapter activities enables FCCLA members to learn cooperation, take responsibility, develop leadership, and give service.

Georgia SkillsUSA

Georgia SkillsUSA members participate in local, state, and national activities provided through trade and industrial, technical, and health occupations courses and programs. The mission of SkillsUSA is to develop leadership skills and workplace competencies that students will need to succeed in a constantly changing global workplace. The organization provides many opportunities for leadership development and skills training. Competition in over 70 leadership, health occupations, occupationally related, and trade, industrial, and technical contests is offered at the region and state levels, culminating with the SkillsUSA Championships in Kansas City, Missouri, in June.

Georgia**FIRST** Robotics

Georgia FIRST Robotics

Georgia FIRST Robotics vision is to see kids excited about science and technology, have them attend one of our prestigious institutes of higher learning, and upon graduation, stay in Georgia for their careers. By doing this, we can 'put Georgia first.' Our best resource, our youth, contribute to the growth and sustainability of our innovative workforce.

Georgia HOSA

Serving future health professionals since 1976, HOSA was created with the idea of providing students opportunities to develop as a leader and a future employee. With over 235,000 members across the nation, it is safe to say that HOSA has met our mission! Georgia HOSA created in 2000, now serves over 15,000 members. HOSA creates driven, determined student leaders that are excited about healthcare and all that HOSA has to offer. Above all, HOSA is a tool-a tool vital to the success of students, teachers, and health professionals. HOSA is 100% healthcare and connects all hubs of the healthcare field. One experience ignites another creating a chain reaction between those who teach, learn, and do. The mission of HOSA is 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.

CAREER TECHNICAL STUDENT ORGANIZATIONS

CTAE COURSE CATALOG

JROTC Army: Leadership Edu I
State Number: 28.43100
Prerequisites: None

JROCT Army: Leadership Edu II
State Number: 28.43200
Prerequisites: Leadership Edu I

JROTC Army: Leadership Edu III
State Number: 28.43300
Prerequisites: Leadership Edu I and II

JROCT Army: Leadership Edu IV
State Number: 28.43400
Prerequisites: Leadership Edu I, II, and III

Audio & Video Tech & Film I
State number: 10.4181000
Prerequisites: None

Audio & Video Tech & Film II
State number: 10.4191000
Prerequisites: Audio - Video Technology Film I

Audio &Video Tech & Film III
State number: 10.4201000
Prerequisites: Audio -Video Technology Film I and II

Introduction to Business and Technology
State Number: 07.4413000
Prerequisite: None

Legal Environment of Business
State Number: 06.4150000
Prerequisite: Introduction to Business and Technology

Entrepreneurship
State Number: 06.4161000
Prerequisite: Introduction to Business and Technology and Legal Environment of Business

Early Childhood Education I
State Number: 20.52810
Prerequisites: None

Early Childhood Education II
State Number: 20.42400
Prerequisites: Early Childhood Education I

Early Childhood Education III
State Number: 20.42500
Prerequisites: Early Childhood Education I and II

Examining the Teaching Profession
State Number: 13.0110000
Prerequisites: None

Contemporary Issues in Education
State Number: 13.0120000
Prerequisites: Examining the Teaching Profession

Teaching as a Profession Practicum
State Number: 13.52100
Prerequisites: Examining the Teaching Profession and Contemporary Issues In Education

Introduction to Graphics & Design
State number: 48.4610000
Prerequisites: None

Graphic Design and Production
State number: 48.4620000
Prerequisites: Intro to Graphics & Design

Advanced Graphic Design
State number: 48.4280000
Prerequisites: Intro to Graphics & Design and Graphic Design and Production

Introduction to Healthcare Science
State Number: 25.5210010
Prerequisite: None

Essentials of Healthcare
State Number: 25.4400000
Prerequisites: Introduction to Healthcare Science

Sports Medicine
State Number: 25.4460000
Prerequisite: Introduction to Healthcare Science and Essentials of Healthcare

Introduction To Culinary Arts
State Number: 20.4310000
Prerequisite: None

Culinary Arts I
State Number: 20.4321000
Prerequisite: Introduction to Culinary Arts

Culinary Arts II
State Number: 20.4331000
Prerequisites: Introduction to Culinary Arts and Culinary Art I

Intro to Digital Technology
State Number: 11.4150000
Prerequisites: None

Computer Science Principles
State Number: 11.4710000
Prerequisites: Intro to Digital Media

AP Computer Science **
State Number: 11.4160000
Prerequisites: Intro to Digital Media and Computer Science Principles

CTAE COURSE CATALOG

Intro To Digital Technology
State Number: 11.4150000
Prerequisites: None
Computer Science Principles
State Number: 11.4710000
Prerequisites: Intro to Digital Media
Game Design: Animation & Simulation
State Number: 11.4290000
Prerequisites: Intro To Digital Technology and Computer Science Principles

Introduction to Law, Public Safety, and Security
State Number: 43.45000
Prerequisites: None
Criminal Justice Essentials
State Number: 43.45100
Prerequisites: Introduction to Law, Public Safety, and Security
Forensic Science & Criminal Investigation
State Number: 43.45200
Prerequisites: Introduction to Law, Public Safety, Corrections and Security and Criminal Justice Essentials

Marketing Principles
State Number: 08.4740000
Prerequisite: None
Introduction to Sports & Entertainment Marketing
State Number: 08.4780000
Prerequisite: Marketing Principles
Advance Sports & Entertainment Marketing
State Number: 08.4850000
Prerequisite: Marketing Principles and Introduction to Sports & Entertainment Marketing

Intro to Drafting & Design
State Number: 48.4410000
Prerequisites: None
Survey of Engineering Graphics
State Number: 48.4420000
Prerequisites: Intro to Drafting & Design
3D Modeling and Analysis
State Number: 48.5430000
Prerequisites: Intro to Drafting & Design and Survey of Engineering Graphics

Foundations of Engineering
State Number: 21.4500000
Prerequisites: None
Engineering Concepts
State Number: 21.4710000
Prerequisites: Foundations of Engineering
Engineering Application
State Number: 21.4720000
Prerequisites: Foundations of Engineering and Engineering Concepts