



CTE

Okeechobee

CAREER & TECH EDUCATION



EXPLORE YOUR FUTURE WITH CTE

Career & Technical Education (CTE) is the fastest growing area of education. These courses prepare students for trades in specific industry sectors.

CTE programs help you develop the technical and employability skills needed to succeed in the world of work.

OHS provides 16 high quality CTE career pathways for which students to choose.

BENEFITS TO STUDENTS

- Earn Industry Recognized Certifications
- Earn college credits by completing programs
- Exposure to state of the art equipment
- Learn essential skills needed in the workplace
- Apply for Work-Based learning opportunities
- Join Career & Technical Student Organizations

QUALIFIED INSTRUCTORS

- State Certified Instructors
- Instructors hold all industry certifications students will take
- Years of experience in the field
- Career and Technical Student Organization Advisors



DIGITAL DESIGN

Explore the world of creating computer-generated art and text, graphic design, digital layouts, photography, and develop specialized multimedia presentations.

Industry Certifications:

Adobe Dreamweaver
Adobe Photoshop
Adobe Animate
Adobe Illustrator
Adobe After Effects
Adobe Premiere Pro
Word Press

Course Sequence:

- Digital Information Tech
- Digital Design 1
- Digital Design 2
- Digital Design 3
- Digital Design 4
- Digital Design 5

AUTOMOTIVE MAINTENANCE & LIGHT REPAIR

Learn all aspects of becoming a certified automotive technician. Use state of the art tools and equipment. Learn skills for all elements of the Automotive Industry.

Industry Certifications:

ASE: Brakes, Suspension and Steering, Auto Maintenance Light Repair, Transmissions, Automobile Service, Electrical, Engine Repair, Heat and Air, Engine Perf
FADA: Certified Tech

Course Sequence:

- Automotive 1
- Automotive 2/3 (Block)
- Automotive 4/5 (Block)
- Automotive 6/7 (Block)

OUTBOARD MARINE SERVICE TECHNOLOGY

Exciting new program in partnership with Yamaha that will allow students to become certified techs in service, repair and overhaul of two and four cycle boat engines.

Industry Certifications:

Yamaha Marine
Maintenance: V-Engine, Portable, Mid-Range, Inline

Course Sequence:

- Outboard Marine Service 1 & 2 (Block)
- Outboard Marine Service 3 & 4 (Block)
- Advanced Marine Tech 1 & 2 (Block)
- Outboard Marine Service Capstone

BUILDING CONSTRUCTION TECHNOLOGIES

Discover all aspects of the construction industry from foundations to roofs.

Electrical, Plumbing, Framing, Roofing, Plan Drawing, and Building is all part of the vibrant program

Industry Certifications:

Home Builders Institute: Electrical, Core Green, Core, Carpentry, Building Construction Technology.

Course Sequence:

- Building Construction Technology 1
- Building Construction Tech 2 & 3 (Block)
- Building Construction Tech 4 & 5 (Block)
- Building Construction Tech 6 & 7 (Block)

TALK TO YOUR GUIDANCE COUNSELOR TODAY!



NURSING ASSISTANT

Discover the Health Care Industry as students learn medical terminology, nutrition, CPR, legal and ethical responsibilities and prepare for careers in the healthcare industry.

Industry Certifications:

Certified Nursing Assistant (CNA License)
Certified Patient Care Technician

Course Sequence:

- Health Science Anatomy and Physiology
- Health Science Foundations & Nursing Assistant 3 (Block)



ENTREPRENEURSHIP

Acquire the knowledge to start your own business as you learn the skills necessary to be a business owner. Problem solving, marketing, and job skills are vital to be a successful entrepreneur.

Industry Certifications:

Entrepreneurship and Small Business
Master Entrepreneurship Certification
Salesforce Certified Administrator

Course Sequence:

- Principles of Entrepreneurship
- Business Management and Law
- Business Ownership



PRINCIPLES OF TEACHING

Attain the foundational skills to pursue a career in the exciting profession of teaching. Engaging activities that will prepare students in the next steps to teach at any level.

Industry Certifications:

Florida Teacher Certification Professional Education Test
Child Development Associate (CDA)
Wordpress

Course Sequence:

- Introduction to the Teaching Profession
- Human Growth & Dev
- Foundations of Curriculum & Instruction
- Principles of Teaching Internship



ARTIFICIAL INTELLIGENCE FOUNDATIONS

Embrace the world of AI. Learn foundational skills in the evaluation, development, and design of AI systems and models. Write programming code for robots and AI driven peripherals.

Industry Certifications:

Microsoft Certified: Azure AI Fundamentals
Information Technology Specialist - Python and Cybersecurity

Course Sequence:

- Artificial Intelligence in the World
- Applications of AI
- Procedural Program
- Foundations of Machine Learning



INTRODUCTION TO FIRE FIGHTING

Orient yourself to the fire service, fire alarms and communication, vehicles, apparatus and equipment and much more pertaining to the pursuit of a career in Fire Fighting

Industry Certifications:

Fire Fighter 1
Emergency Medical Responder (EMR)

NOTE: Students must be 18 to take the Fire Fighter certification test

Course Sequence:

- Fire Fighting 1
- Fire Fighting 2 & 3 (Block)



PUBLIC SAFETY TELECOMMUNICATIONS

Prepare for employment as dispatcher: police, fire, ambulance by learning the ethics and role of being a telecommunicator and understand command levels and much more.

Industry Certification:

911 Public Safety Telecommunicator

NOTE: Students must be 18 to take the 911 test. Students are encouraged to enroll in Intro to Fire Fighting and/or Criminal Justice Operations and take this course during their senior year.

Course Sequence:

- Dispatcher: Police, Fire Ambulance



CRIMINAL JUSTICE OPERATIONS

Capture the knowledge to enter the criminal justice field. Learn about constitutional and criminal law, court and trial processes, and other aspects of a profession in criminal justice.

Industry Certification:

Accredited Legal Profession (ALP)
Note: 911 Test is available if students enroll in the 911 Dispatch course

Course Sequence:

- Criminal Justice Operations 1
- Criminal Justice Op 2
- Criminal Justice Op 3
- Public Service Officer or Certified Legal Asst or Code Enforcement



PRINCIPLES OF AGRIBUSINESS AND MANAGEMENT

Gather the essential functions of leadership and management skills as you discover the business side of agriculture commodities and start becoming an Agriculture Business leader.

Industry Certification:

Agriculture Associate Entrepreneurship and Small Business

Course Sequence:

- Agriscience Foundations
- Agriculture Leadership and Management
- Principles of Agribusiness



AQUACULTURE

Absorb the knowledge that is presented in the world of developing and cultivating aquatic animals and plant species with primarily the use of water. These plants and animals will be primarily used for human consumption

Industry Certifications:

Agriculture Associate
Agritechnology Specialist
Aquaculture Technician

Course Sequence:

- Agriscience Foundations
- Aquaculture 1
- Aquaculture 2
- Aquaculture 3
- Aquaculture 4

TECHNICAL AGRICULTURE OPERATIONS

Discover all facets of mechanical operations including welding, small engine repair, finance management, and other issues associated with an Ag or business operation.

Industry Certifications:

Agriculture Associate
Agricultural Mechanics Specialist
ASE Entry Level Diesel Engines

NOTE: Students interested in Welding are highly encouraged to enroll and complete this program.

Course Sequence:

- Agriscience Foundations
- Technical Agriculture Operations 2 & 3 (Block)

AGRICULTURAL COMMUNICATIONS

Realize your potential as you delve into the world of communication. Learn the marketing aspect of agriculture and other businesses as you are exposed to various forms of communication.

Industry Certifications:

Agriculture Associate
Agriculture
Communications Specialist
Social Media Strategist

Course Sequence:

- Agriscience Foundations
- Agricultural Communications 2
- Agricultural Communications 3

ANIMAL SCIENCE AND SERVICES

Fully grasp all the aspects of animal health, care and management as you eventually operate a small animal operation. Classroom and hands on activities are prevalent.

Industry Certifications:

Agriculture Associate
Agritechnology Specialist
Animal Science Specialist
Fundamentals of Animal Science

Course Sequence:

- Agriscience Foundations
- Animal Science and Services 2 & 3 (Block)
- Animal Science and Services 4 & 5 (Block)

CAREER PATHWAY DIPLOMA

To Earn a Standard High School Diploma through this pathway option, a student must:

- Successfully Complete a minimum of 18 credits
- Have a minimum, cumulative GPA of at least a 2.0 on a 4.0 scale
- Meet the requirements of:
 - 4 English credits (including the statewide grade 10 Reading assessment or the grade 10 ELA assessment, or earn a concordant score)
 - 4 Math credits (including the statewide Algebra 1 EOC assessment, or earn a comparative score)
 - 3 Science credits
 - 3 Social Studies credits
 - .5 Personal Financial Literacy credit
- Complete two credits in Career and Technical Education. The courses must result in a program completion **AND** earning an Industry Certification.
- Complete 1.5 credits in work-based learning programs. A student may substitute up to 1.5 credits of electives, for work-based learning program courses to fulfill this requirement.

RESOURCES

GETTHEREFL.COM

Florida's workforce education initiative aligns student's interest with potential career pathways at technical and state colleges in Florida.

FUTUREOFWORKFL.COM

Created to bring together job creators, industry leaders, and partners to showcase the careers of the future and the growing industries.

XELLO.WORLD/EN/

Official K-12 Career Planning program available to all Okeechobee students to help them explore and personalize their career options.

Program is available via Classlink



STEPS TO TAKE TO PREPARE FOR AND ENROLL IN CAREER AND TECHNICAL EDUCATION COURSES

Research:

Utilize career research sites like XELLO to explore careers that might be suited for you by completing interest surveys and skills and aptitude activities. Find out if a career is in demand and where the opportunities for that career are present.

Ask family, teachers, and business professionals:

Talk to people about careers to gain valuable insight about education needs, work environment expectations, and general information about the career you are researching.

Attend information events:

Parent Information events are held throughout the school year. Be sure to attend to learn more about the various programs that are offered and when scheduling for courses will take place.

Attend scheduling events:

Come prepared for scheduling by knowing which program(s) you wish to enroll and choose the courses that are within programs listed on this flyer.



CAREER & TECHNICAL EDUCATION FACTS

CTE programs are designed to provide both classroom and hands on instruction to benefit students of all academic abilities and interests.

CTE programs lead to well-paying careers in all career clusters.

CTE programs complement college-bound students' education by providing them with practical skill and real-world experience. Students use CTE as a stepping stone to higher education or entering the workforce directly.

CTE programs stay current with industry trends and technological advancements. CTE programs demand a high level of skill and knowledge in their respective fields. CTE programs offer work-based learning opportunities with local employers. Okeechobee CTE programs have an active and responsive Advisory Board of business partners both locally and in the surrounding areas. Members of the Advisory Board provide invaluable guidance to the programs and instructors.

FOR MORE INFORMATION CONTACT THE CTE DEPARTMENT AT 863-462-5000

YOUR FUTURE AWAITS!

ENROLL IN CTE COURSES TODAY!