

DR. GENE BURTON

College & Career Academy **CAREER & TECHNICAL EDUCATION**

Classes offered at the Dr. Gene Burton College & Career Academy

Agriculture, Food, and Natural Resources

Architecture and Construction

Arts, Audio/Video Technology, and Communications

Business, Marketing, & Finance

Education and Training

Health Services

Hospitality and Tourism

Law, Public Safety, Corrections, and Security

Manufacturing

Science, Technology, Engineering, and Mathematics



Dr. Gene Burton College & Career

Academy

— ENGAGING LEARNERS. GROWING LEADERS. —

Classes Offered at DR. GENE BURTON COLLEGE & CAREER ACADEMY

Public Service Endorsement:

Health Science:

- Medical Terminology
- Health Science Theory
- Pharmacology
- Disaster Response
- Anatomy & Physiology (Science Credit)

All HST Practicums:

- Patient Care Technician (Collin Dual Credit)
- Emergency Medical Technician (EMT)
- Internship
- Pharmacy Technician
- Dental Assistant
- Medical Clinical

Law, Public Safety, Corrections, and Security:

- Law Enforcement I
- Law Enforcement II
- Criminal Investigation
- Forensic Science (Science Credit)
- Court Systems and Practices
- Practicum in Law, Public Safety, Corrections, and Security

Education and Training:

- Principles of Education and Training
- Communication and Technology in Education
- Instructional Practices
- Practicum in Education and Training

STEM Endorsement:

Science, Technology, Engineering, and Mathematics:

- Engineering Design & Presentation I
- Engineering Design & Presentation II
- Aerospace I - Scientific Research & Design (Science Credit)
- Aerospace II - Engineering Design & Problem Solving (Science Credit)
- Robotics I
- Robotics II (Math Credit)
- Robotics III
- Principles of Technology (Science Credit/Physics substitute)
- Practicum in STEM

Computer Science/Cybersecurity:

- AP Computer Science A (Math and LOTE credits)
- Foundations of Cybersecurity
- Computer Science I Honors (LOTE credit)
- AP Computer Science Principles (LOTE Credit)
- Cybersecurity Capstone

Manufacturing and Machinery Mechanics:

- Principles of Manufacturing
- Manufacturing Engineering Technology I
- Manufacturing Engineering Technology II

Business Endorsement:

Agriculture, Food & Natural Resource

- Principles of Agriculture, Food & Natural Resource
- Agricultural Power Systems
- Agricultural Mechanics & Metal Technologies
- Agricultural Structures, Design & Fabrication
- Floral Design (Fine Arts Credit)
- Advanced Floral Design
- Livestock Production
- Equine Science and Small Animal Management
- Veterinary Medical Applications
- Advanced Animal Science (Science Credit)
- Practicums offered:
 - Agricultural Technology
 - Floral Design
 - Veterinary Medicine

Architecture and Construction:

- Principles of Architecture
- Architectural Design I
- Architectural Design II
- Practicum in Architectural Design

Arts, Audio/Video Technology, and Communications:

- Animation I
- Animation II with Lab
- Practicum in Animation

- Video Game Design
- Video Game Programming
- Advanced Video Game Programming

- Audio/Video Production I
- Advanced Audio/Video Production II with Lab
- Practicum in Audio/Video Production

- Fashion Design I
- Fashion Design II with Lab
- Practicum in Fashion Design

- Graphic Design & Illustration I
- Graphic Design & Illustration II with Lab
- Practicum in Graphic Design & Illustration

- Commercial Photography I
- Commercial Photography II with Lab

Business, Marketing & Finance:

- Business Management
- Virtual Business
- Human Resource Management
- Accounting I
- Accounting II (Math Credit)
- Practicum in Business Management
- Sports & Entertainment Marketing and Social Media Marketing
- Entrepreneurship
- Practicum in Marketing

Hospitality and Tourism:

- Introduction to Culinary Arts
- Culinary Arts
- Advanced Culinary Arts
- Practicum in Culinary Arts

08.17.2023

Rockwallisd.com/GBCCA

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Rockwall ISD provides shuttle service to the Academy,
or students can use personal transportation