

## Transportation, Distribution, and Logistics

Description: Education programs in this cluster prepare students for the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. Related professional and technical support services, such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance are also included.

### Pathways offered:

#### Automobile Maintenance and Light Repair Pathway

- Basic Maintenance and Light Repair
- Maintenance and Light Repair 2
- Maintenance and Light Repair 3



## Law, Public Safety, Corrections, and Security

Description: Educational programs in this cluster provide students with the basic knowledge and skills for careers in the legal system, public safety, protective services, and homeland security, including professional and technical support service.

### Pathways offered:

#### Law Enforcement Services/Criminal Investigations Pathway

- Introduction to Law, Public Safety, Corrections, and Security
- Criminal Justice Essentials
- Criminal Investigations



## Agriculture, Food, and Natural Resources

### Pathways offered:

#### Veterinary Science Pathway

- Basic Agricultural Science
- Animal Science Technology/ Biotechnology
- Veterinary Science



## Science, Technology Engineering, and Mathematics

Description: Educational programs in this cluster prepare students to plan, manage, and provide scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.

### Pathways offered:

#### Electronics Pathway

- Foundations of Electronics
- Advanced AC and DC Circuits
- Digital Electronics

#### Engineering Drafting and Design Pathway

- Introduction to Drafting and Design
- Survey of Engineering Graphics
- 3-D Modeling and Analysis



## A COLLEGE & CAREER ACADEMY

1064 Culpepper Drive • Conyers, GA 30094 • 770-388-5677 • [www.rockdalecareeracademy.org](http://www.rockdalecareeracademy.org)

**Rockdale County Public Schools**  
RCPS  
*Specialty & Choice Options*



### Mission Statement

The mission of Rockdale Career Academy, an award winning technologically innovative learning community, is to ensure students achieve academic, social, and career success by providing a supportive environment that identifies, encourages, and develops each student's interests and abilities to prepare tomorrow's workforce today for a fulfilling, productive career by:

- Offering programs of study designed by experts in business, industry, and education
- Providing customized work-based learning experiences
- Involving family and community stakeholders
- Offering industry certification in appropriate programs
- Teaching a rigorous and relevant academic and career curricula
- Cultivating a clear awareness of their rights, responsibilities, and obligations to be ethical, community oriented citizens and productive members of the workforce and the global community
- Fostering a sense of responsibility and ability to plan their own personal and professional growth beyond high school
- Building a community of hope

### Unique Opportunities for Students

- Industry Certified Career
- Technical Agriculture Education Programs
- Dual Enrollment Courses from post-secondary programs
  - Core Academic courses through Georgia's MOWR program "Move On When Ready"
  - Fire Fighter 1
  - Cosmetology
  - Welding
  - EMT
  - Many others in development
- Advanced Placement Courses
  - AP World History
  - AP US History
  - AP Government
  - AP Physics
  - AP Psychology
  - AP Chemistry
  - AP Computer Science
  - AP Environmental Science
  - AP Biology
  - AP English
  - AP Language & Literature



- Work Based Learning Opportunities (Internships in local workplaces)
- Instructors with Industry Experience
- Scheduling compatible with Rockdale Virtual Campus and the home high schools



### A message from the Principal

Thank your interest in Rockdale Career Academy, Georgia's largest College and Career Academy. Following more than four years of intensive, community based planning, RCA opened its doors in 2006 and has continued to grow and develop while being responsive to student, community, and industry needs. Our students, who elect to come from all three area high schools, are able to select concentrations from more than 20 different career-technical pathways. While at RCA, students also take rigorous academic courses to complement and integrate with their pathway courses. Our teachers, most of whom come from industry, offer a unique and qualified perspective to students about what the future holds for them in the workplace. Internship and apprenticeship experiences further enhance the real world relevance and applicability of what is learned in the classroom. Through partnerships with post-secondary institutions such as Georgia Piedmont Technical College and Georgia Perimeter College, students may earn college credits while pursuing a program of study at RCA. Our goal is simple – provide students with powerful, engaging, and relevant experiences to prepare them for the post-secondary path of their choosing. If you and your student are in the market for an educational experience that combines personalization, high expectations, and highly skilled instructors all working in concert to prepare students for the future, we encourage you to consider the unique opportunities available through Rockdale Career Academy.

**Dr. Miki Edwards, CEO**  
**Rockdale Career Academy**



## Arts, AV/ Technology, and Communications

Description: Designing, producing, exhibiting, writing, and publishing multimedia content including graphic design and print production, audio video technology, and film production.

### Pathways offered:



#### Audio-Video Technology and Film Pathway

- Audio and Video Technology and Film
- Audio-Video Technology and Film II
- Audio-Video Technology and Film III

#### Graphic Design Pathway

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphic Design



## Marketing

Description: Educational programs in this cluster prepare students to plan, manage, and perform marketing activities to reach organizational objectives that include brand management, professional sales, merchandising, marketing communications, promotions, and market research.

### Pathways offered:

#### Fashion Merchandising and Retail Management Pathway

- Marketing Principles
- Fashion Merchandising and Retailing Essentials
- Advanced Fashion Merchandising and Retailing

#### Sports and Entertainment Marketing Pathway

- Marketing Principles
- Introduction to Sports and Entertainment Marketing
- Advanced Sports and Entertainment Marketing



## Architecture and Construction

Description: Educational programs in this cluster prepare students for careers in designing, planning, managing, building, and maintaining the build environment.

### Pathways offered:

#### Architectural Drawing and Design Pathway

- Introduction to Drafting and Design
- Architectural Drawing and Design I
- Architectural Drawing and Design II



#### New: Interior Design

#### Carpentry Pathway

- Industry Fundamentals and Occupational Safety
- Introduction to Construction
- Carpentry I

#### Electrical Pathway

- Industry Fundamentals and Occupational Safety
- Introduction to Construction
- Electrical I



## Health Science

### Pathways offered:

#### Therapeutic Services/ Sports Medicine Pathway

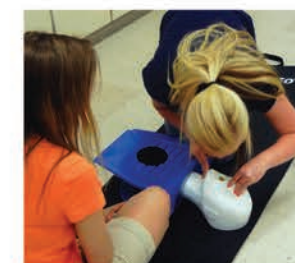
- Introduction to Healthcare Science
- Essential of Healthcare
- Sports Medicine

#### Therapeutic Service/ Allied Health Pathway

- Introduction to Healthcare Science
- Essentials of Healthcare
- Allied Health Fundamentals

#### Therapeutic Services/ Patient Care Pathway

- Introduction to Healthcare Science
- Essentials of Healthcare
- Patient Care Fundamentals



## Hospitality and Tourism

Description: Educational Programs in this cluster prepare students for employment in career pathways that relate to leisure activities, families, and human needs, such as restaurant and food/beverage services, lodging, travel and tourism, recreation, and sports and entertainment marketing.

### Pathways offered:

#### Culinary Arts Pathway

- Introduction to Culinary Arts
- Culinary Arts I
- Culinary Arts II

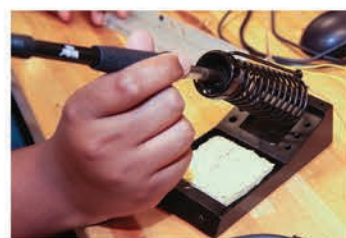
## Manufacturing

Description: Educational programs in the Manufacturing cluster prepare students to plan, manage, and perform the processing of materials into intermediate or final products, and the related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

### Pathways offered:

#### Manufacturing Pathway

- Foundations of Manufacturing and Materials Science
- Robotics and Automated Systems
- Production Enterprises



## Education and Training

Description: Educational programs in this cluster prepare students to plan, manage, and provide education and training services, and related learning support services, such as administration, teaching/training, administrative support, and professional support.

### Pathways offered:

#### Early Childhood Care and Education I Pathway

- Early Childhood Education I
- Early Childhood Education II
- Early Childhood Education III



#### Teaching as a Profession Pathway

- Examining the Teaching Profession
- Contemporary Issues In Education
- Teaching as a Profession Practicum



## Information Technology

Description: Educational programs in this cluster prepare students to build linkages in information technology occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.

### Pathways offered:

#### Networking Pathway

- Introduction to Digital Technology
- Networking Fundamentals
- Networking Systems and Support

