

## Executive Summary

Ronald E. McNair  
College & Career Academy

### Funding Source

Through the Technical College System of Georgia, Lieutenant Governor Casey Cagle has provided funding for local school districts and technical colleges to partner and apply for a grant to assist in creating college and career academies.

### Partners

Georgia Piedmont Technical College and DeKalb businesses such as Georgia Power, DeKalb Fire and Rescue, Epps Aviation, Siemens and Oglethorpe Power. Other partners will be added based on needs.

### Award Size

\$3 million for construction costs

\$150,000 for planning and preparation costs

### Site Selection

Ronald E. McNair High School

Consideration for Selection:

- Declining School Enrolment
- Potential for School Growth
- School and Community needs based on community input and research
- Building size and amenities
- Relative renovation expense compared to new construction expenses
- Location of school within the district
- Ability to enhance community with innovative instructional programs

### Purpose

The purpose of the Ronald E. McNair College and Career Academy is to provide quality instruction that prepares students for 21<sup>st</sup> century careers that address workforce development needs through partnerships with business/industry, secondary, and postsecondary institutions. The proposed Academy (grades 8–12) will accelerate students through their college and career pathways by providing innovative instructional programs that utilize dual enrollment and work-based learning opportunities.

### Innovative Instructional Programs

- Create learning communities that address local, state, and federal workforce development needs. Multiple pathways will be addressed within the following program areas:
  - School of Engineering (Architectural Drawing and Design, Energy and Power, and Mechatronics [a combination of mechanical and electrical engineering] pathways)
  - School of Medicine (Biotechnology Research and Development, Health IT, Health Support Professionals pathways)

- School of Business and Computing (Gaming and Application Development, and Entrepreneurship pathways)
- School of Health and Public Services (Fire and Emergency Services, and Law Enforcement pathways)
- Other Potential Pathways: Aviation, Hospitality, Recreation and Tourism, Audio Video Technology and Film
- Instruction that starts with eighth graders to allow accelerated focus towards post-secondary opportunities
- Self-paced instruction focused on both academic and skills attainment that develop the mind and the hands
- Instruction that is web-based, traditional, and independent studies
- Year-round instruction with extended hours
- Class offerings for parents and community members that lead to industry certifications, technical college credits, and associate degrees via evening classes
- Remediation and credit recovery opportunities through web-based, traditional, independent studies, and evening classes

#### Connections to District Initiatives

##### Strategic Plan

Goal Area 1 – Student Success with Equity and Access

Goal Area 2 – Stakeholder Engagement

Goal Area 4 – Internal and External Communication

##### Charter System