

ENGINEERING THE NEW SOUTH

GEORGIA TECH
1885–1985



ENGINEERING THE NEW SOUTH: THE BEGINNINGS OF GEORGIA TECH*
Robert C. McMath, Jr., Georgia Institute of Technology

The educational program of Georgia Tech (chartered in 1885) was shaped by the convergence of two powerful forces in the larger world. The first was the drive for southern industrialization and economic development, championed in the 1880s by Henry W. Grady, editor of the Atlanta Constitution. Georgia Tech was founded by people like Grady who were intent on engineering a New South--enlisting the scientist and engineer in the cause of regional development. The second was the creation of a new system (actually two competing systems) for the education of engineers. Both systems included collegiate academic study, but one simulated the apprenticeship system by having students manufacture items for sale in a shop, while the other emphasized "industrial science" and laboratory work.

**Engineering a New South-- enlisting
the scientist and engineer in the
cause of regional development.**

The Institute's History of Engagement 2005-2022

1935

Techwood Homes, a milestone construction on the border of campus, was established as the first public housing project in the nation

1956

Tech's first female graduates, Shirley Clements and Diane Michel, receive their degrees

1970

After acquiring property in the Home Park neighborhood, streets were removed to make way for new buildings and new roads: Ferst Drive and Tech Parkway

1996

Georgia Tech was selected to serve as the Olympic Village and venue for the Centennial Olympic Games

2014

The Westside Communities Alliance formed to engage key leaders living, working and thriving on the Westside

1948

Institute renamed to the Georgia Institute of Technology

1962

Ford C. Greene, Ralph A. Long Jr., and Lawrence Williams became the first Black students to enroll at Georgia Tech

1981

The Advanced Technology Development Center, the state of Georgia's technology startup incubator, opens

2001

Construction began on Technology Square, a unique collaboration between the Institute and the private sector to create a living – learning research park

2022

Groundbreaking for Tech Square Phase 3, adding 400,000 square feet of new space for research and collaboration.