Education in the Industrial Age

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Project Road Map

• Early American Education
• Industrial Revolution
  – Causes
  – Results
• Transfer of Knowledge
• New Education
• Georgia Tech
Early American Education

- Elementary Education
  - Focus on religion
  - Reliance on Domestic Sphere
  - Non-uniform
  - Voluntary
  - Lack of Progress
Early American Education

• University System
  – Classical Education
  – Focus on Theology and Clergy
  – Looking to Past
  – Absence of Research
  – Opposition to progress
Industrial Revolution

• Causes
  – Increase in Trade and Globalization
  – Availability of Natural Resources
  – Scientific Revolution
  – Early Communication Technology
Industrial Revolution

• Results
  – Mingling of Ideas and Customs
  – Development of Urban Areas
  – Changing View of Society
  – Separation of Work and Home
  – Welfare
  – Focus on Progress
Transfer of Knowledge

- Embracing Progress
- Shift in Philosophical Focus
- Focus on Human Efforts
- Emphasis on Application
New Education

• Growing Concern for Younger Generations
• Education for Societal Improvement
• Movement away from Classical Education
• Progressive University Standards
  – Application of Studies
• Research and Development
Georgia Tech

• President Isaac Hopkins’ Address
Georgia Tech

• Reconstruction in the South
  – Competition
  – Embracing Progress

• Emergence of Georgia Tech
  – Focus on Application and Trade
  – Urban Presence
Georgia Tech

• Development
  – Trade School
  – Technical Institute
  – Research Institute

• Continuing the Tradition Today
  – Nanotechnology
  – Globalization
  – Corporate Cooperation
  – Ivan Allen College of Liberal Arts