Education and Economic Development in Georgia:

BEST IN CLASS
The Georgia Department of Economic Development (GDEcD) is the state’s sales and marketing arm, the lead agency for attracting new business investment, encouraging the expansion of existing industry and small businesses, aligning workforce education and training with in-demand jobs, locating new markets for Georgia products, attracting tourists to Georgia and promoting the state as a destination for arts and location for film, music and digital entertainment projects as well as planning and mobilizing state resources for economic development.
Divisions and Business Units

- Centers of Innovation
- Entertainment
- Georgia Council for the Arts
- Global Commerce
- International Relations
- International Representatives
- International Trade
- Tourism
- Marketing and Communications
- Workforce
Georgia’s Centers Of Innovation
Connecting To The Innovation Ecosystem

The Centers of Innovation are solution integrators connecting companies to the vast resources of Georgia’s Innovation Ecosystem through:

- Technical Industry Expertise
- Collaborative Research
- Partnerships
Company

Community

Education
Leading Industries in Georgia

[Diagram showing various industries such as Aerospace, Agribusiness, Data Centers, Entertainment, Information Technology, Tourism, Logistics & Transportation, Headquarters, Food Processing, Defense, Financial Services, Arts, Advanced Manufacturing.]
Advanced Manufacturing continues to top lists of emerging industries not just in Georgia, but throughout the United States. As many companies are beginning to relocate their production facilities back home from overseas, or are looking to expand current plants that are undersized or lack modern technology, our state has solidified itself as a destination for what is arguably one of the oldest and largest economic sectors in history. Where other states continue to lag behind the needs of manufacturing leaders, Georgia has helped to accelerate growth of Advanced Manufacturing through income tax incentives, helping to provide low cost utilities and energy, and providing business-specific worker training.

**Aerospace and Aviation**
Over 500 aerospace companies call Georgia home and together these global leaders in flight employ more than 86,000 men and women. Not only is aerospace manufacturing the number one producer of exports now, it has been so successful that it has spun off a burgeoning research and development-heavy space industry. In the past decade, the number of automotive manufacturer corporate headquarters, production facilities and primary support suppliers has grown to 60 companies. Many of these outposts, and their counterparts around the south, are flourishing due to low business costs and expansive road and rail network.

**Academics and Apprenticeships**
The ever-changing landscape of manufacturing requires employees that are not only educated but trainable. Gone are the days of the hot, dirty, dangerous plants and in are climate-controlled clean rooms with nearly as many robots as humans in the assembly line. Trade certifications and on-the-job training are viable entry points to the necessary skills in computer technology, maintenance applications, operation of processing equipment. Nearly half of manufacturing jobs can be obtained without a college degree.

**Access to Earnings**
Demand for high-skilled and readily-available manufacturing employees continues to outpace workforce development and has continued to raise the level of wages paid, with those with less than a college degree earning above national averages for median income.

**2017 Career, Technical and Agricultural Education Industry Fact Sheet**

Including all non-farm manufacturing, Georgia has over 6,500 firms producing in this industry.

Nearly nine percent (8.8%) of the eligible state workforce is employed in manufacturing.

Georgia’s largest trade market partners are Canada, Mexico, China, Germany and Japan.

There are 28 automotive manufacturing facilities within a five hundred mile radius of Atlanta.

Georgia has the second largest cluster of engineering related occupations in the Southeast behind Florida.

The state’s production of aircraft engines and parts for export ranks second in the nation.

Growth of the Space and Defense sectors prompted the state to fund the construction of a 20,000 square foot Advanced Manufacturing Training Center in Pooler, Georgia.

More than 800 production companies operate in Georgia.

Over 1,000 production suppliers and support vendors ensure top-quality production.

Six Georgia filmed productions have won an Academy Award. Ten others have been nominated.

42 artists that call The Peach State home have won a GRAMMY in one of numerous categories. The Atlanta Symphony Orchestra leads them all with an amazing 27 wins since its founded in 1945.

Thousands of square feet in premier music recording studio space is available between the 300 industry leaders in Atlanta and beyond.

Over 3,000 Georgians work at nearly 120 firms producing Gaming and Virtual Reality.

The video game industry accounts for $5.6 billion in the state economy.

**FILM, TELEVISION, AND DIGITAL ENTERTAINMENT**

The U.S. Media and Entertainment Market is the largest in the world and Georgia is now the third-ranked location in the United States for film and television production and fifth rank across the globe. This is because Film and TV production professionals know that Georgia is a Camera Ready state, with highly desirable financial incentives, location diversity, production resources and professional support to make any size production a true success. In addition to traditional media productions, Georgia has also gained a sterling reputation amongst the leaders in online content development, gaming, graphic design and animation/offices.

**Economic Impact that is off the Charts**
It is estimated that the total amount of money directly spent by the companies producing the over two hundred films and television shows in our state during fiscal year 2016 was over $2.02B; and despite having finished a handful fewer productions than the previous year, the total net economic impact to Georgia broke the $7B mark. The remark growth of digital media and entertainment-related software has led to Georgia being dubbed the Silicon Valley of the South. As the businesses at the intersection of creative arts and information technology continue to multiply, so does their impact on the economies of the communities where they are homegrown.

**Education and Enterprise**
Some industry occupations will continue to require post-secondary education, and our University System is one of the best and largest in the nation. However, many opportunities require less than a bachelor’s degree.

**Employment Opportunities Abound**
With the amount of success that is being shared across the more than 30,000 Georgians working in these high demand areas of creativity and skilled labor; Film, Television, and Digital Entertainment are projected to see more than double digit job growth in the coming years. The types of available jobs span the gamut from actors to engineers, carpenters to composers, and writers to wardrobe stylists. Those workers with sought after credentials are earning an average annual wage of more than $80,000.
Statewide Initiatives

- Trade Five
  Georgia.org/GSTI
- Georgia WorkSmart
  Georgia.org/WorkSmart
- Operation Workforce
  www.operationworkforce.com
- High Demand Career Initiative
  Georgia.org/HDCI
Governor’s High Demand Career Initiative (HDCI)

- Launched in 2014
- Public/Private Dialogue with 120+ employers
- HDCI Industry Task Forces:
  - Logistics
  - Aerospace
  - Film
  - IT
  - Construction
- Georgia.org/HDCI

Georgia WorkSmart

- Georgia’s work-based learning initiative
- Partnership with TCSG, USDOL, Employers
- Increased Interest in Registered Apprenticeships
- Approx. 150 Active Registered Apprenticeship Programs
- Approx. 6K Active Apprentices
- Georgia.org/WorkSmart
Trade Five, Skills for Higher Earning

- Georgia’s skilled trade awareness initiative
- Partnership with TCSG, DOE, Georgia Employers, Industry Leaders, Trade Five Foundation
- Five Industries of Focus: Logistics, Telecommunication, Construction, Energy and Manufacturing
- Trade Five Grant and Scholarship Program
- GeorgiaTradeFive.com

Operation Workforce

- Veteran Education Training and Transition (VET2) 101
- Partnership with GDEcD and Georgia Tech
- Up to 7K service members
- Soft Skills
- Employment training services
- OperationWorkforce.com
### Architecture and Construction Career Cluster

#### Pathways

**Carpentry Pathway**

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

**Electrical Pathway**

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

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### Business Management & Administration Career Cluster
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To keep to date on engagement opportunities, support materials and event announcements, visit:
http://workforce.gadoe.org