

### Advanced Manufacturing

## Create a career pathway in Advanced Manufacturing

Northeast Florida is one of the largest manufacturing regions in the state. Competitive local assets include industrial sites ranging from hundreds to more than 1,000 acres. Two certified megasites in the region include Cecil Commerce Center and Crawford Diamond.

While the region's well-trained workforce continues to grow, so do the number of Advanced Manufacturing establishments. Companies such as Stellar Electric found Northeast Florida an ideal area to expand. They recently invested \$28 million to triple its manufacturing capacity in Jacksonville.

Northeast Florida creates a wide variety of products for multiple industries, such as contact lenses, coffee, medical devices, solar panels, aircraft and engines, wire rod and windows. Growing subsets of the industry include aviation, medical, aerospace and manufacturing.

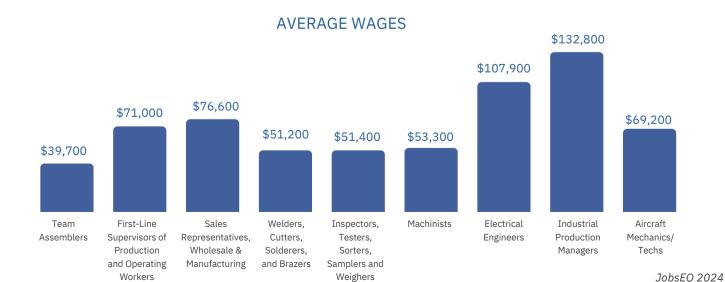
Manufacturing occupations offer excellent opportunities for career and wage growth.

The occupations shown on the chart below represent a cross-section of entry-, mid- and executive-level positions within the industry.

| FAST<br>FACTS   | 38,200 EMPLOYED IN THE SECTOR IN THE REGION |
|---|---|
| ADVANCED MANUFACTURING PRODUCED  \$2.3 Billion IN GDP IN THE REGION IN 2022 | \$78,602  AVERAGE WAGE PER  WORKER          |

#### TOP INDUSTRY EMPLOYERS (2024)

| Company                          | Number of<br>Employees |
|----------------------------------|------------------------|
| Fleet Readiness Center S.E.      | 5,500                  |
| Johnson & Johnson Vision<br>Care | 3,500                  |
| Northrop<br>Grumman              | 1,100                  |
| Flightstar Aircraft Services     | 1,030                  |
| Georgia Pacific                  | 980                    |



### **Advanced Manufacturing Pathway**

#### Edward Waters University Regional colleges & Florida State College at Jacksonville degree or certificate Jacksonville University focusing on **TALENT** programs with **Keiser University PIPELINE** Manufacturing (or St. Johns River State College related) **University of North Florida** concentrations Flagler College **Graduate Level** • Engineering Managers (Avg. Annual Wage: \$156,400) **ADVANCED** Organizational Leadership, (MS) DEGREE Business Administration, (MBA) **Bachelor Level** • Electrical Engineers (\$107,900) Applied Engineering **Industrial Engineers** (\$103,200) Bachelor of Business Administration 4-YEAR • Industrial Production Managers (\$132,800) **DEGREE** Bachelor of Business Management • Sales Representative, Wholesale & Manufacturing - Mechanical, Electrical Engineering **Except Technical/Scientific Products (\$76,600)** Supervision & Management Electrical & Electronics Engineering **Associate Level** First-Line Supervisors of Production & Operating Workers (\$71,000) Engineering Technology **Machinists** (\$53,300) Industrial Management Technology 2-YFAR • Electrical & Electronics Repairers, **DEGREE** Applied Engineering \_\_\_\_ **Commercial & Industrial Equipment (\$59,100)** Avaiation Maintenance Management **Aircraft Mechanics & Aircraft Service Technicians** (\$69,200)Certificate Level CNC Machinist/Fabricator • Inspectors, et al. (\$51,400) 1 YEAR (OR LESS) Advanced Manufacturing (Automation) • CNC Operators & Programmers (\$48,800) CERTIFICATE · Engineering Technology Support Welders, Cutters, Soderers & Blazers (\$51,200) Specialist Welding Technology Mechatronics Level 1 Non-Destructive Testing

#### **Entry Point**

 High school students enrolled in related CTE academies or curriculum HIGH SCHOOL DIPLOMA

COMPANY-SPONSORED

**APPRENTICESHIP** 

- Inspectors, Testers, Sorters, Samplers & Weighers (\$51,400)
- Aircraft Assemblers (\$39,700)

• Machinists (\$53,300)

## Select Regional Employers Advanced Manufacturing





Johnson Johnson vision



Anheuser-Busch Flightstar Johnson & Johnson Vision\* SAFT America Inc.

Bacardi Bottling Corp. GE Oil & Gas Kaman Sapa Extrusions North America

BAE Systems Georgia Pacific Corporation- Medtronic Sea Ray Boats

Beaver Street Fisheries Palatka Micheal Baker International\* SEMCO Southeastern Metals

Boeing\*Gerdau AmeristeelNorthrop GrummanUnison IndustriesBRPH\*Grace AerospacePerdue\*Vac-ConCarlisle Interconnect TechnologiesHans Mill \*Pilot Pen CorporationVeritas Steel

Coca-Cola Refreshments Hearthside Food Solutions Rayonier Vulcan Materials Company \*

Colomer USA Ideal Aluminum Rayonier Advanced Materials WestRock

Dr. Pepper Snapple Group Jacksonville Aviation Authority Ring Power Workscapes\*

Fleet Readiness Center Southeast Jinko Solar \* Safariland

\*JAXUSA Partnership Investor/ +JAX Chamber Investor

# Advanced Manufacturing includes Aviation and Aerospace opportunities

Northrop Grumman, one of the leading aerospace companies in the world, has maintained a presence in Northeast Florida for more than 40 years and is the largest private employer in St. Johns County. Northrop Grumman employs approximately 1,000 people in the Jacksonville region and has about 100,000 team members worldwide.

The plant produces, modifies, repairs and overhauls aircraft and sub-assemblies. It is also the primary manufacturing site for the E-2D Advanced Hawkeye Airborne Early Warning & Control aircraft.



#### JAXUSA TALENT DEVELOPMENT

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Earn Up is powered by JAXUSA Partnership, the private, nonprofit division of JAX Chamber that is Jacksonville's regional economic development initiative overseeing the efforts of the seven counties of Northeast Florida. Earn Up also works closely with CareerSource Northeast Florida to ensure that employers have the best assistance or any pertinent workforce needs.





