PROGRAM-TO-CAREER ALIGNMENT · 1 OF 4

# Maintenance Technician

## The entry point

| | |
|---|---|
| **Georgia median** | $61,130 · state mean $63,930 · metro Atlanta mean $65,780 |
| **Jobs in Georgia** | 14,230 today · **about 1,440 openings a year · +20.2% by 2034** |
| **Online courses on the marketplace** | Multi-Craft Technician, Levels 1 and 2 (GAM). Online courses are not covered by the HOPE Career Grant. |
| **TCSG program** | **Industrial Maintenance** · on the HOPE Career Grant list |
| **Credential** | Technical college certificate or diploma |
| **Leads to** | Robotics, controls, instrumentation, hydraulics, electrical; then lead technician, maintenance planner, trainer, technical manager |
| **Hiring Employers** | Georgia-Pacific, Graphic Packaging, Interface, SK Battery America, WinCup, Amazon, Engineered Floors, Evans Tool & Die, Hoshizaki, Jabil, Kia Georgia, Mannington Mills. *24 openings on the Manufacturing Georgia marketplace, October 1, 2026 (O*NET 49-9041).* |
| **National role profile** | Industrial Maintenance Technician · Mechanical Maintenance · Predictive Maintenance |

**Advising tip:** Maintenance is the door most technicians come through. A student who starts in Industrial Maintenance can advance into specialty jobs in robotics, controls, and other areas.

*Wages: BLS OEWS, May 2025. Projections: Georgia DOL 2024 to 2034. Employers: Manufacturing Georgia marketplace, October 1, 2026. Last reviewed September 2026.*

PROGRAM-TO-CAREER ALIGNMENT · 2 OF 4

# Machinist Technician

## Precision, by the thousandth

| | |
|---|---|
| **Georgia median** | $52,610 · state mean $55,690 · metro Atlanta median $56,270 |
| **The ladder** | CNC operator $47,630 → machinist $52,610 → **CNC programmer $61,360** |
| **Online courses on the marketplace** | Smart CNC Machinist; Introduction to CNC Machinist. Online courses are not covered by the HOPE Career Grant. |
| **TCSG program** | **Precision Manufacturing** · on the HOPE Career Grant list |
| **Found in** | Aerospace, automotive, defense, heavy equipment |
| **Hiring Employers** | Hoshizaki (CNC Machinist, Peachtree City), Fulghum Industries (Machinist 1, Wadley). *2 openings on the Manufacturing Georgia marketplace, October 1, 2026 (O*NET 51-4041, 51-9161, 51-9162).* |
| **National role profile** | Not yet in the National Technician Role Library. Use the Georgia figures above, and submit the role for consideration. |

*Wages: BLS OEWS, May 2025. Projections: Georgia DOL 2024 to 2034. Employers: Manufacturing Georgia marketplace, October 1, 2026. Last reviewed September 2026.*

PROGRAM-TO-CAREER ALIGNMENT · 3 OF 4

# Robotics Technician

## The automation side

| | |
|---|---|
| **Georgia median** | $68,720 · state mean $74,260 · metro Atlanta median $73,550 *(electro-mechanical and mechatronics technicians)* |
| **Entry** | Mechatronics or automation certificate, or maintenance experience plus controls training |
| **Online courses on the marketplace** | Introduction to Mechatronics; Foundations of Automated Equipment Maintenance. Online courses are not covered by the HOPE Career Grant. |
| **TCSG program** | **Mechatronics Technology** (degree or diploma), **Industrial Systems Technology**, or a Mechatronics Technician or Robotics Technician certificate. Names vary by college. **Not** on the HOPE Career Grant list. |
| **Found in** | Automotive, food and beverage, logistics, semiconductors |
| **Hiring Employers** | Amazon (Mechatronic Apprentice, Appling; Automation Engineer, Pooler), Kia Georgia (PLC Specialist, West Point). *3 openings on the Manufacturing Georgia marketplace, October 1, 2026 (O*NET 17-3024).* |
| **National role profile** | Industrial Robotics Technician · Mechatronics Maintenance · Electro-Mechanical / Mechatronics |

*Wages: BLS OEWS, May 2025. Projections: Georgia DOL 2024 to 2034. Employers: Manufacturing Georgia marketplace, October 1, 2026. Last reviewed September 2026.*

PROGRAM-TO-CAREER ALIGNMENT · 4 OF 4

# Instrumentation & Control Technician

## Highest paid of the four

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|---|---|
| **Georgia median** | $78,070 · state mean $78,450 · metro Atlanta median $78,610 *(electrical and electronic engineering technologists and technicians)* |
| **Entry** | Instrumentation, electrical, or automation certificate; strong overlap with maintenance |
| **Online courses on the marketplace** | Instrumentation and Control Technician series (fundamentals of instrumentation, control systems, virtual lab). Online courses are not covered by the HOPE Career Grant. |
| **TCSG program** | **Instrumentation and Controls Technician** (degree, diploma, or certificate). Industrial Systems Technology programs also cover instrumentation. Names vary by college. **Not** on the HOPE Career Grant list. |
| **Found in** | Chemicals, pulp and paper, food and beverage, pharmaceuticals, energy |
| **Hiring Employers** | Nucor Warehouse Systems (PLC & Automation Technician, Monroe). *1 opening on the Manufacturing Georgia marketplace, October 1, 2026 (O*NET 17-3023).* |
| **National role profile** | Instrumentation & Controls Technician · Process Control · PLC Technician |

*Wages: BLS OEWS, May 2025. Projections: Georgia DOL 2024 to 2034. Employers: Manufacturing Georgia marketplace, October 1, 2026. Last reviewed September 2026.*