

FLIGHT PLAN TO SUCCESS



Pratt & Whitney
A United Technologies Company



**COLUMBUS
TECHNICAL COLLEGE**
A Unit of the Technical College System of Georgia

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OTIS
Elevator Technologies



 **United Technologies**
Climate | Controls | Security

 **United Technologies**



GO BEYOND



 **UTC Aerospace Systems**



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**Commercial
Engines**



**Military
Engines**



**Pratt & Whitney
Canada**



**Pratt & Whitney
AeroPower**



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3 Business Units:

Columbus Engine Center

5 Engine Lines:

PW1100G, PW 1500G

F100, F117 Overhaul

PW2000 Overhaul

- ~695 Employees

Columbus Forge Disk

Isothermal Rotary Forges

- ~430 Employees

Columbus Forge Blades

Airfoils

- ~660 Employees

Total Employees: Over 1,860



Main Site: 770,00 Square Ft

• 2018

Additional Sites:

CEC F100 Plant, Test Cell & DAT Center

Columbus Forge Blades Plant

Quick Start Training Center



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2018 GEORGIA
MANUFACTURERS
OF THE **YEAR**



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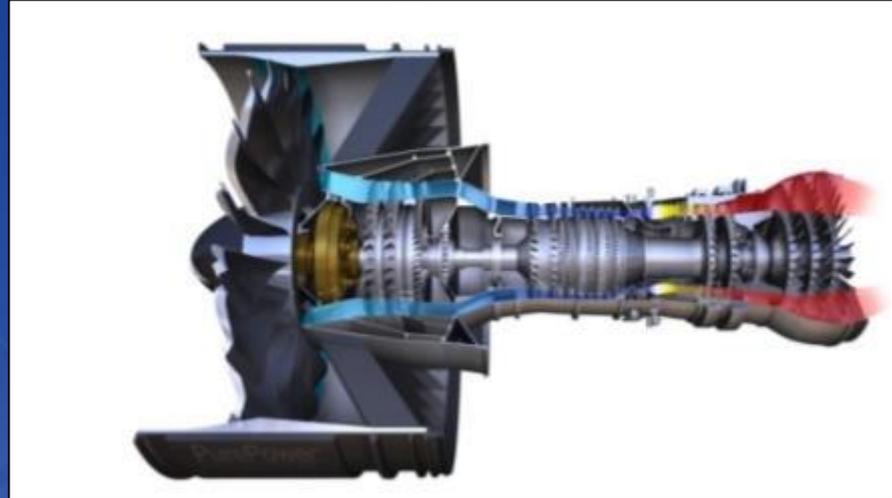
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Columbus Engine Center



F117/PW2000 Engine Overhaul



GTF Engine Overhaul



F100 Engine Overhaul



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Columbus Products

F-22 Air Force Fighter



F-15 / F-16 Fighters



Commercial Aircraft



F-35 Joint
Strike Fighter



Corporate
Aircraft

C-17 Cargo
Aircraft



Eclipse 500



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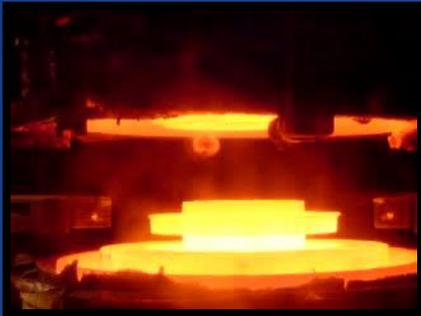
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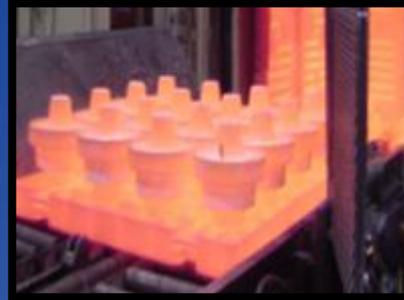


Columbus Forge Disks Isothermal Forging Process

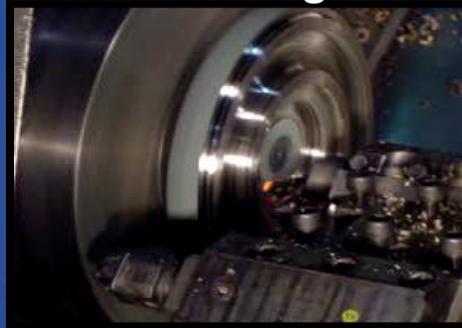
Forge



Heat Treat



Machining



Sonic Inspection



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Columbus Forge Blades



Design & Tool Make



Forging



Airfoil Inspect



Airfoil FPI



Broaching



Milling



Grinding



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Our Customers



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Program Details

- Pratt & Whitney wanted to develop a workforce pipeline of interested high school students
- Students are recommended by their program area High School Career Technical Teacher
- Students are enrolled in the Certified Manufacturing Specialist (CMS) certificate program at Columbus Technical College
- Over 65 students have interned at P&W Columbus with over 45 students hired as FT employees



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- CMS – 11 Credit Hours
- Manufacturing Workplace Skills
- Manufacturing Organizational Principles
- Manufacturing Production Requirements
- Automated Manufacturing Skills
- Representative Manufacturing Skills



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- Students participate in interviews
- Students apply/interview with Pratt & Whitney Human Resources and department team members
- Students are selected to participate as Aviation Mechanic Apprentices on the Engine side and Machinists on the Forge side under strict guidance of an assigned mentor



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- Complete CMS Program
- Highly competitive entry level pay working 19 hours per week on 2nd shift during school year
- 40 hour per week internships available on 1st shift for students 18 year old
- Year Round
- Eligible to bid on full time jobs based on successful completion
 - All jobs are open to competition
 - No guarantee of offer



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- Students pass an FAA Drug Screen & Criminal Background check
- Pratt & Whitney supplies all necessary safety items for each student to include: prescription safety eye wear & steel toed safety boots
- Mentor Assigned for each training rotation area
- Top Intern awarded \$1000 at Graduation Ceremony



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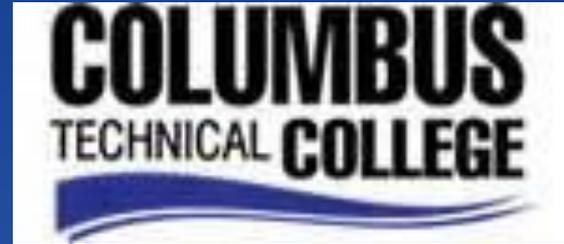


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- UTC Scholar Program
- Powerplant Course
- On Site Embry Riddle
- Columbus Tech Programs



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“ A CAREER – NOT JUST A JOB!!”



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