

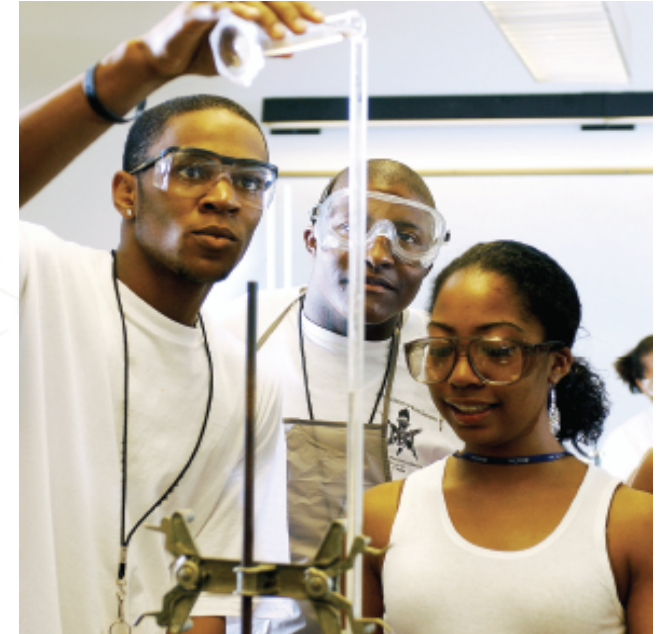


# **GEORGIA TECH ATLANTA PIPELINE PROJECT**

**CREATING THE NEXT®**

# What is the Pipeline Project?

- The Georgia Tech Atlanta PIPELINE Project serves as a catalyst for cultivating innovative industry-based training opportunities for high school students.
- The PIPELINE Project partners with Purpose Built Schools, an Atlanta based nonprofit committed to breaking the cycle of poverty through high performing schools, and leading companies in the Atlanta area to facilitate internships and apprenticeships for high school students.



# What is Our Vision?

- Target: Many high school students in Atlanta do not know their potential to achieve great things. Lack of exposure to experiences that inspire interest in particular subjects or careers limit their perceived choices for their future.
- Georgia Department of Labor reports that while the unemployment rate among adults is currently 4.7%, the Georgia Youth Unemployment rate is projected to be 25% by the year 2020, according to Trading Economics econometric models.
- At the same time, a rapidly increasing shortage of skilled and talented laborers is expected to impact industries' ability to grow and create more jobs.

# Win-Win for Students, Schools, and Industry

- Based on the German dual education model, students go to school, earn income, and acquire valuable industry recognized academic and work competencies needed to excel in their careers.
- This approach is a win for industry because they gain loyal, skilled employees that are ready to contribute on day one.
- Georgia CATT has launched a robust high school apprenticeship program in the manufacturing sector.



## Focus Area

- Target High Schools: Drew & Carver Clusters as pilot schools
- Students aged from 16-18+ based on assignment
- Student work schedule designed in partnership between company and school instructional team

# Corporate Partner Expectations

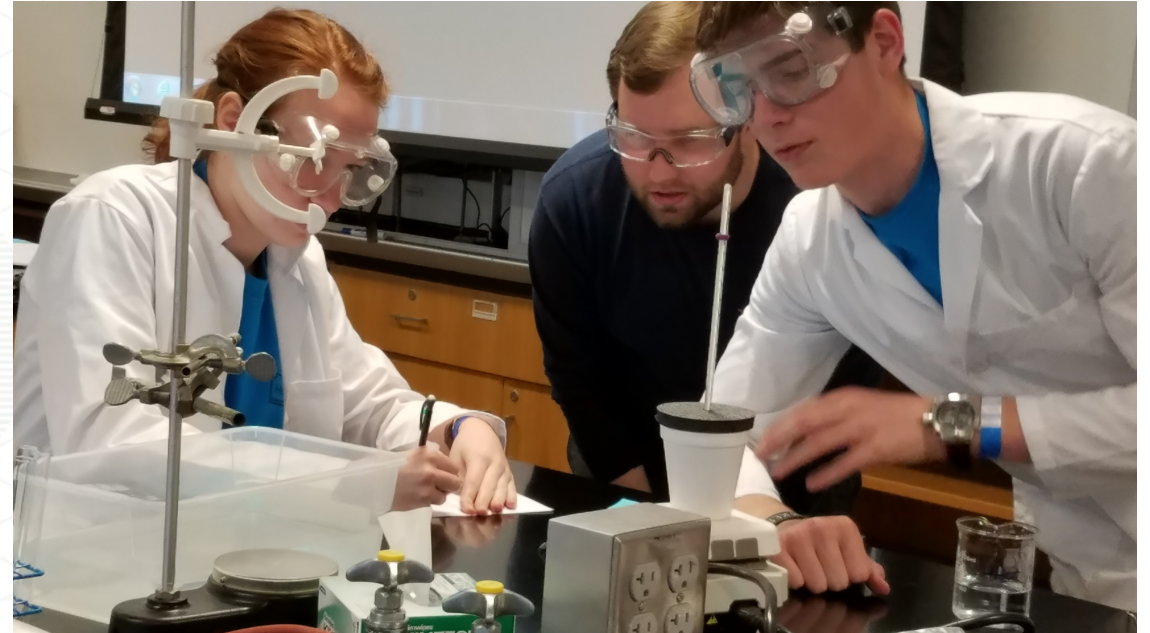
- Simply agree to host x numbers of students in the summer/fall cohort, with flexibility to extend to spring semester if desired
- During summer, hours are up to company, but during fall/spring semester students can meet in a mutually beneficial structure for learning and on-the-job training (up to 8-10hrs/wk)
- Apprenticeship/Internship has to have a paid component (can be a training wage or stipend) Suggested wage range equal to approximately \$8.00 - \$10.00 per hour
- Pipeline for student to gain skills to a career with a livable wage

## Phase 2: Structure

- Interview process to select students
- Orientation and training sessions prior to start of the apprenticeship / mentorship program
- Georgia Tech student led mentorship program to provide students support/ soft skills training
- Program specific training
- Classroom complementary instruction

# What are the next steps?

- Industry partners have stepped up to the plate. Students have yet to be introduced to their menu of career pathway opportunities.
- The nature and tone of this introduction is critically important. Something powerful is about to take place in their lives and the impact of this experience depends on the flawless implementation and executional steps we take during phase two.





## How do we begin?

- We must begin by enrolling the instructional staff in the importance of this initiative. They must become believers and champions of this effort.
- The CEISMC PIPELINE team delivers an inspirational faculty assembly to generate awareness of and interest in this program
- Key partners in the creation of this assembly include GT student team, CEISMC, the Alliance Theatre and other key industry partners

## How will we achieve this?

1. There will be a Q&A following faculty general session.
2. Key instructional leaders will meet individually with PIPELINE team.
3. When there is clear buy in student assembly will take place.
4. Critical learning from Faculty Assembly will be used to design and perfect the Student Assembly.
5. Partners that excelled in faculty event will be asked to participate in student event.

# Student Assembly

- Student assembly will be interactive, inspirational and aspirational. Students will see opportunity in participation.
- There will be Q&A and event will end with an enrollment/indication of interest opportunity.
- CEISMC team will present all opportunities to interested students. Students will apply for up to **three** positions.

# Corporate Partner Matching

- GT will work with PB to match students with possible positions—companies may interview and select.
- Schedules will be designed in consultation with instructional staff, guidance counselors, industry partners, students and parents. (GT will facilitate this process)



## Phase 2: Structure

- Transportation must be proactively funded and designed.
- Training will be created for summer and fall cohorts to be delivered before Memorial Day.
- Resources include CEISMC, Alliance, GTRI and others.
- GT Mentors will be assigned to a Student Employee. (SE)

## Phase 2: Timetables

- Industry specific training will occur in breakout sessions during training week.
- SE will begin summer program June 4th.
- Training for Fall Semester cohort will occur before school begins, either as refresher or first training TBD.
- PI will supervise GT mentors and stay in touch with industry partners.
- There will be an interactive design to facilitate efficient communication.

## Phase 2: Finance Model

- The training and oversight of the Student Employees and the PIPELINE Project implementation will require financial resources
- Upon request, a prospectus for this phase will be provided
- Potential partners include and are not limited to; Foundations, Corporations, State and Federal agencies

Interested parties please contact:

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