



INNOVATION IN ENGINEERING

CUSTOM SOLUTIONS IN DESIGN AND DEVELOPMENT



Bright Plastics offers comprehensive plastics manufacturing services to a wide variety of customers, both domestically & internationally.





HISTORY

**Founded in Greensboro,
North Carolina**

1988

**Moved operations to new
manufacturing space with
over 70k square feet**

2005

**Expanded manufacturing
capabilities by opening the
Cessna location with over
113k square feet.**

2014



Todd Poteat VP Manufacturing

Todd Poteat joined Bright Plastics in February 2012. Todd has been involved in the plastics industry for 24 plus years. Prior to joining Bright Plastics, he was Site Leader of an injection molding facility for a large consumer product manufacturer. Todd has proven management and technical expertise focused on continuous improvement and problem solving.



Jeff Larrimore Controller

Jeff Larrimore joined the team at Bright Plastics in July 2014. Jeff has 36 years of manufacturing accounting experience working for both private and public companies. He has assisted family owned companies that have doubled and tripled in size during his tenure. His expertise includes setting up benefit and 401K plans as well as upgrading ERP systems to ensure efficient and profitable processes.



Michelle Fendrich Quality Manager

Michelle came to Bright Plastics in 2015. Her engineering background includes experience with manufacturers in diverse industries. As Quality Manager at Bright Plastics, Michelle provides leadership and direction to the quality team which focuses on manufacturing performance and improvement, as well as enforcing the company's compliance with ISO regulations. Michelle has both a BS and MS in Chemical Engineering from Iowa State University.

Kirk Sparks President

Kirk joined Bright Plastics in 2001 and became a full partner in 2002. Kirk has over 30 years experience in marketing products for the industrial marketplace. He spent nine years in management with General Electric working in several U.S. locations, as well as countries in Europe, the Far East and the Middle East. Kirk has helped manage three businesses through turnaround situations



Joe Vest VP Engineering & Logistics

Joe has been at Bright since 1998. He came to us from TYCO where he was Plant Manager for their A&E Products operation in Forest City, NC. Joe has excellent leadership and management skills, having served in the Army as an artillery officer. A graduate of West Point in Mechanical and Aerospace Engineering, Joe's leadership, innovation and technical skills are valuable assets at Bright Plastics.



OUR MANAGEMENT TEAM



CAPABILITIES

dwg4.me

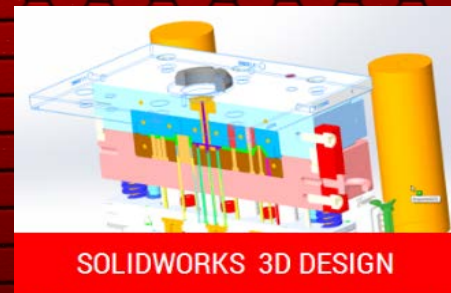
Plastic custom injection molding, extruding, decoration, assembly and finished goods packaging



ISO 9001:2008, Medical 13485, FDA Approved & medical cleanroom



Engineering Team with full tool room & SOLIDWORKS design capabilities





CAPABILITIES

Bright Plastics utilizes state-of-the-art equipment including 60 tons to 1550 tons molding machine capacity with automation and robotics throughout our manufacturing process.





CAPABILITIES

studio.mn



DESIGN TO DISTRIBUTION

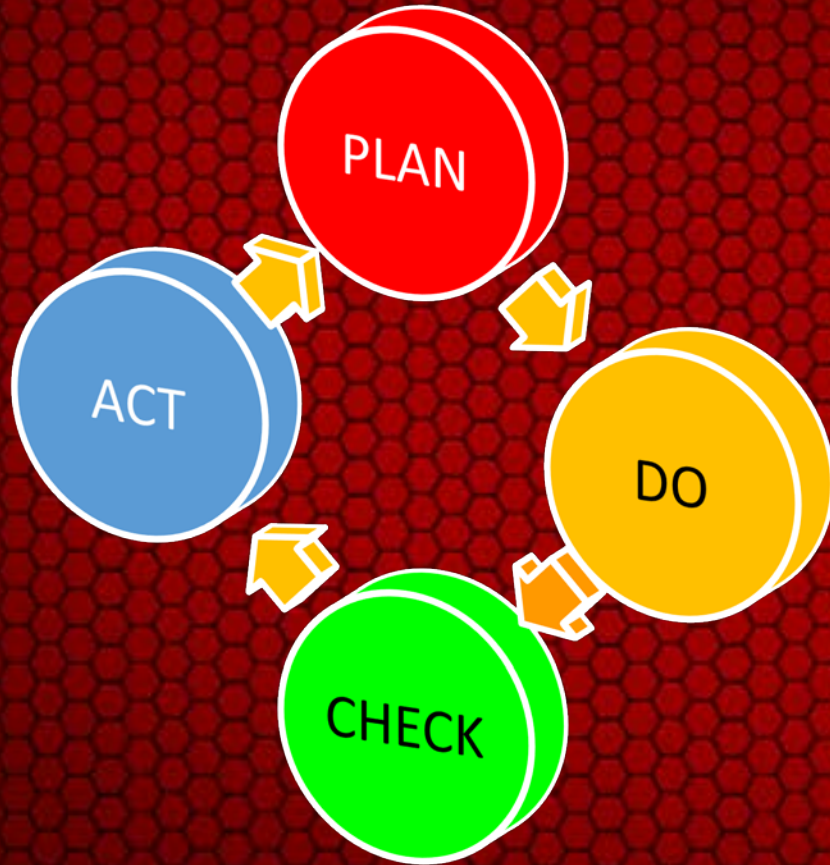
We work with companies from the initial concept phase through development, testing, production and shipping of the completed order.



ISO 8, CLASS 100,000 CLEANROOM



MANUFACTURING PROCESSES



**Kaizen events used as part of
continuous improvement**

**Lean manufacturing
methods**

**Continuing education
programs**

**Sophisticated training
programs**

**Six Sigma Black Belts
on staff**



QUALITY

dash4.me



We ensure the
quality of our
processes
through the
ISO 9001:2008
certified quality
management
system.



0.56%

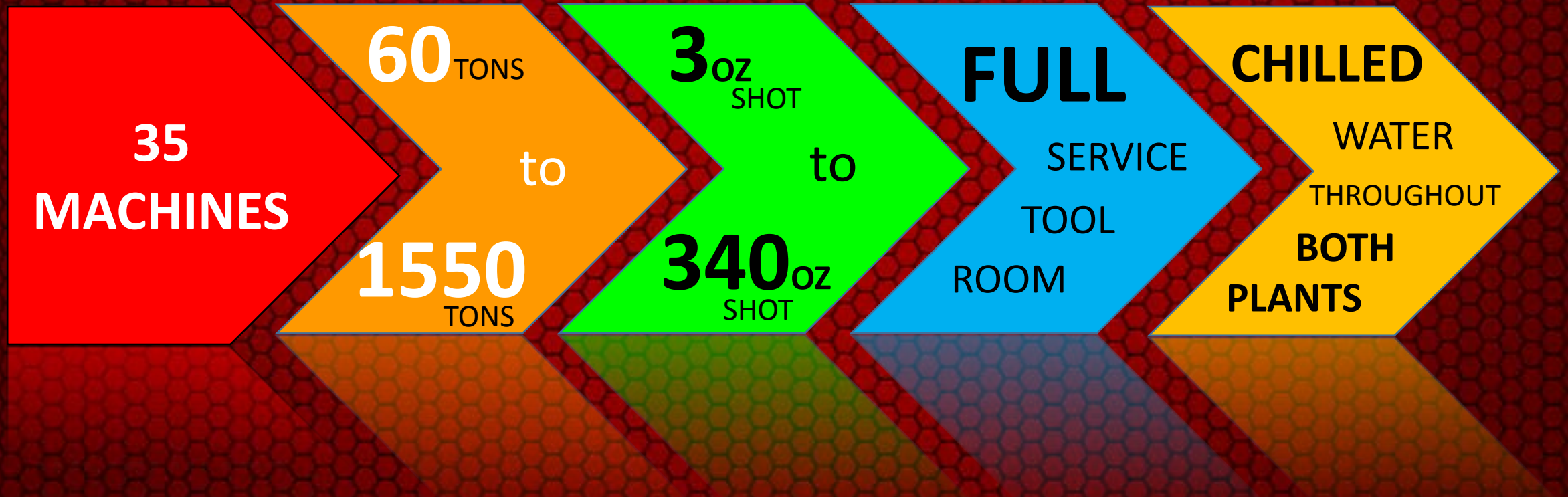
Scrap as a
percent of sales

0.45%

RGA's as a
percent of sales



EQUIPMENT



**LEVERAGING EQUIPMENT AND PROCESSES TO PRODUCE
QUALITY PLASTIC PARTS**



**Utilizing railcars,
Bright Plastics
can receive bulk
quantities of raw
materials
allowing greater
manufacturing
capabilities at our
Cessna location.**





Full service tool
room for tool
building as well as
complete tool
maintenance

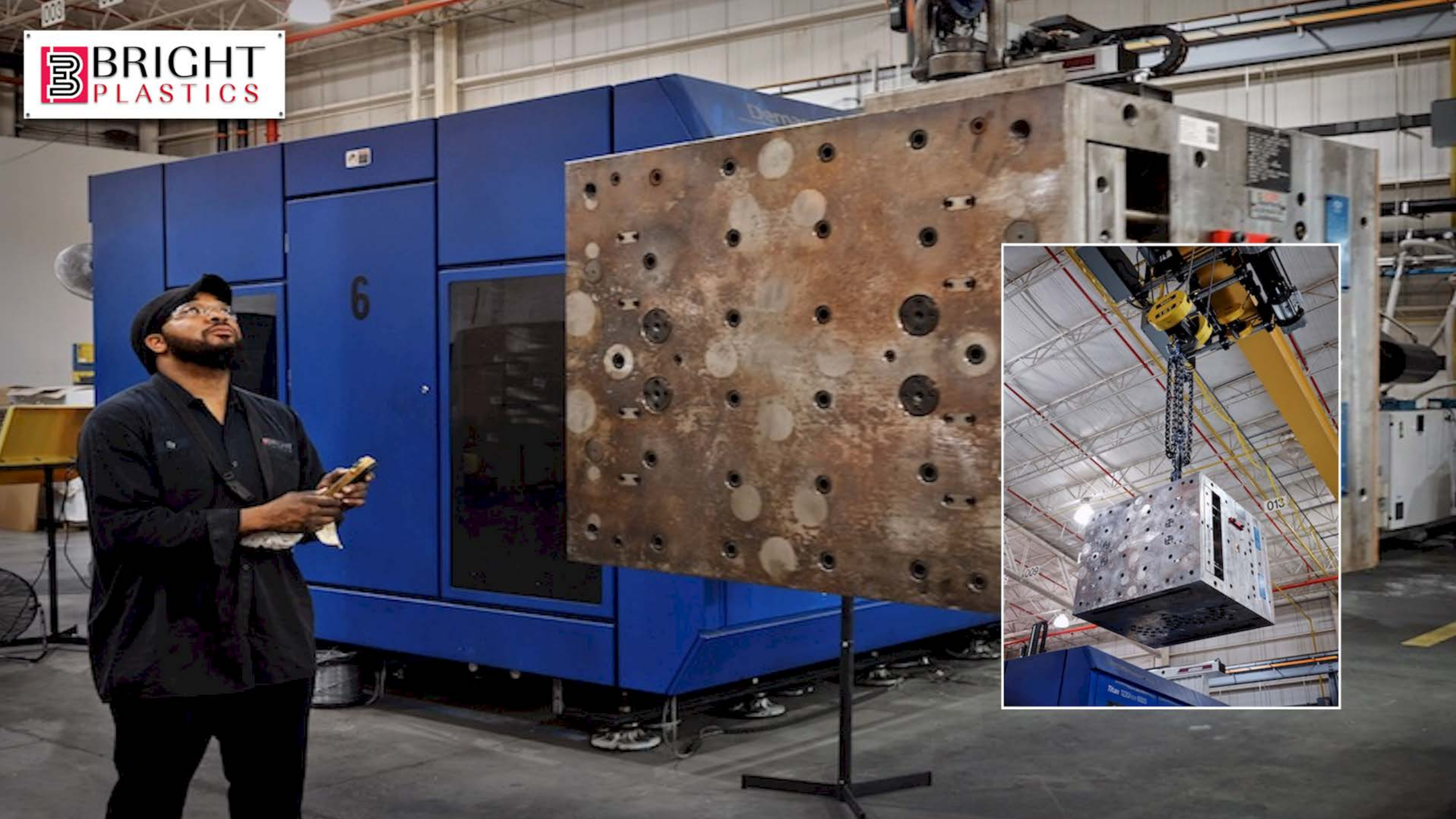




BRIGHT
PLASTICS



BRIGHT
PLASTICS





MAJOR MARKETS

Medical

Waste Management

Electrical

Recreational

Transportation

Telecom

Military

Pumps & Valves

Consumer Retail

Security

Nuclear

Aerospace







Military

stock4.me





Military





Medical Cleanroom







Plastics News, February 13, 2017 • 3

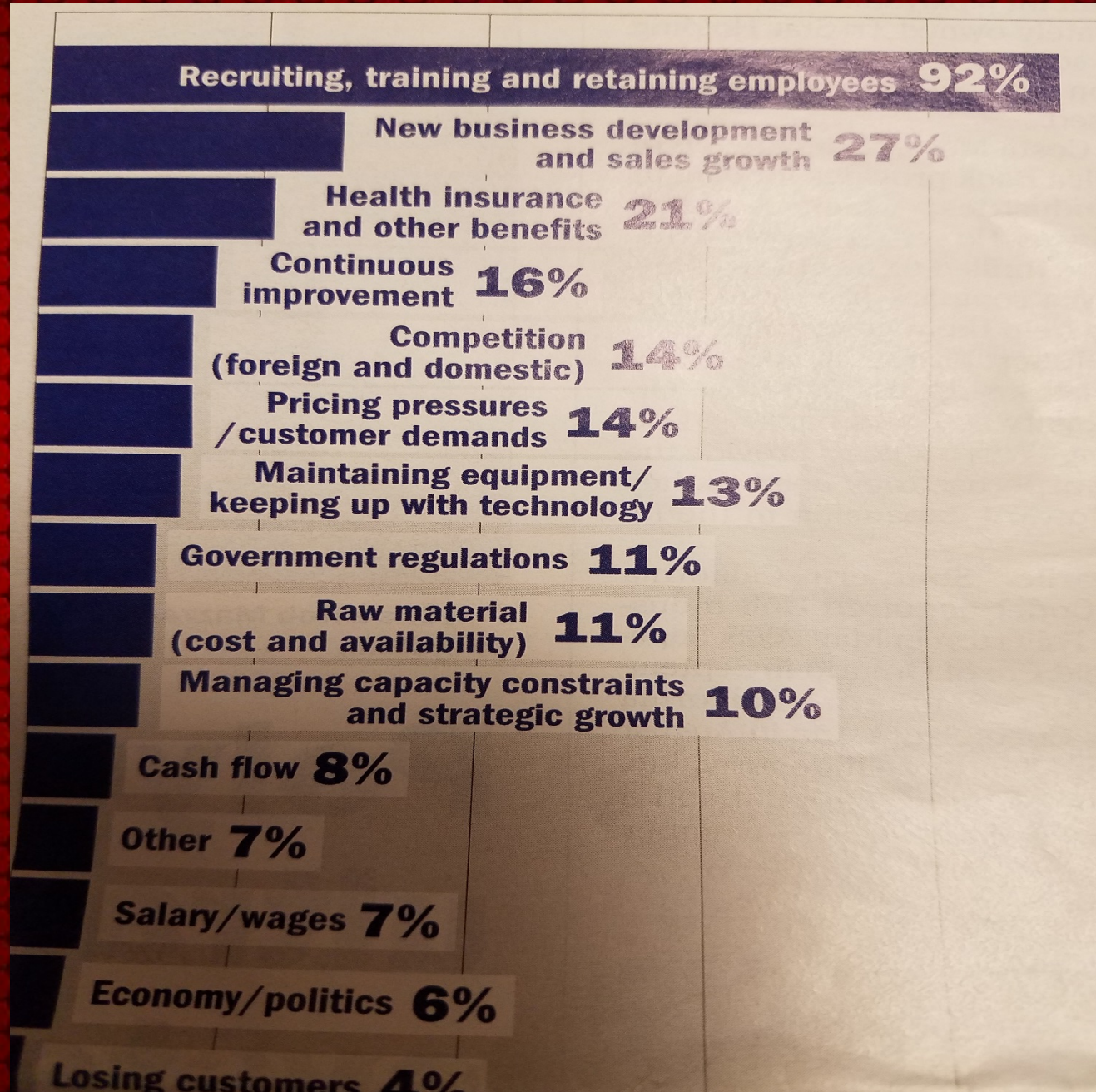
Survey: 9 in 10 processors say workforce top issue for 2017

Top challenges for 2017

A recent study by the Manufacturers Association for Plastics Processors showed that recruiting, training and retaining employees will be a top issue for plastics processors in 2017.

By Steve Toloken
Plastics News Staff

Recruiting, training and





MAJOR ISSUES

- #1 issue is labor, simply not enough skilled tradesmen
- Recruiting all over the country for technicians
- Vocational programs gone
- High Schools drop vocational programs
- Declining work force due to training and loss of jobs. Baby Boomers retiring.
- Production moved off shore and the need for these jobs dwindled



Labor Solutions

- Investigate apprenticeship programs
- Coordinate with Community College system
- Work with county school board & then state level
- Convince school guidance counselors
- Convince enough employers to invest in the future
- Educate parents on the benefits, short and long term



THANK YOU



GUILFORD APPRENTICESHIP
— P A R T N E R S —

GAP

GUILFORD APPRENTICESHIP

PARTNERS

Partner Companies

ABCO Automation
 Brady Trane Service, Inc
 Bright Plastics
 CommScope
 Harris & Covington Hosiery Mills
 HYFAB
 Kao Specialties Americas
 Machine Specialties
 Purolator
 The Quantum Group
 TE Connectivity



Harriss & Covington Hosiery Mills



Enriching lives, in harmony with nature.



THE QUANTUM GROUP



Sponsor Organizations

Triad Workforce Solutions Collaborative
 Greensboro Chamber of Commerce
 GTCC
 NC Dept. of Commerce
 Workforce Development Board
 High Point Chamber of Commerce



GREENSBORO • HIGH POINT • GUILFORD COUNTY
 WORKFORCE DEVELOPMENT BOARD



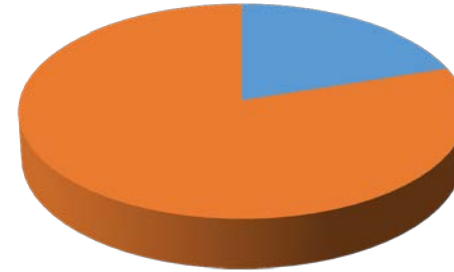
HIGH POINT
 CHAMBER OF COMMERCE

This map of Greensboro, NC, illustrates the geographic distribution of various educational institutions and commercial entities. Key schools identified include Northwest High School, Northern Guilford High School, Northeast High School, Eastern Guilford High School, Western Guilford High School, Grimsley High School, Weaver Academy, James B. Dudley High School, Ben L Smith High School, Southwest Guilford High School, T Wingate Andrews High School, High Point Central High School, High Point, Southern Guilford High School, and Harniss & Covington Hosiery Mills. Commercial locations marked include COMMScope, TE Connectivity, Purolator, The Quantum Group, BRIGHT Plastics, HYFAB, ABCO Automation, and Brady. The map also features major transportation routes such as I-40, I-77, and I-85, along with local landmarks like the Greensboro Science Center and the Greensboro Coliseum Complex.

What is a GAP apprenticeship?

- Dual Training - academics in college and hands on at company

→ 6400 hours of on the job
learning manufacturing skills
→ 1600 hours of college education



■ college
education
■ job
training

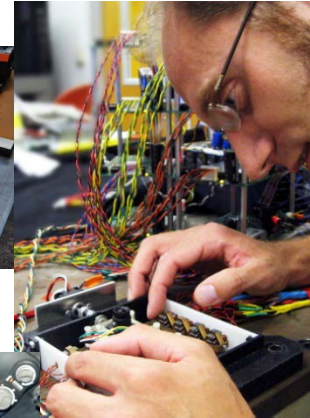
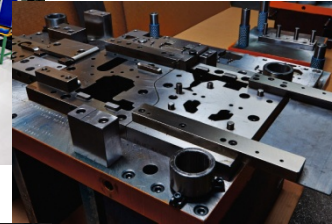
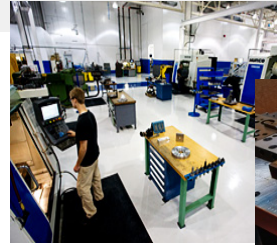
- Journeyman Certificate by the NC Department of Commerce
- AAS Degree in Manufacturing Technology from GTCC
- Exceptional employment opportunities upon completion

“FREE COLLEGE AND A PAYCHECK”



CAREER JOBS

- CNC Machinist/Machinist
- Welding Technician
- Electronics Technician
- Quality Technician
- Tool & Die Journeyman
- Machine Assembly & Repair
- Process Technician
- Mold Maker
- Automation Technician
- Metrologist
- Robotics Technician/Welder
- Mechanical Assembly
- Electrical Assembly
- Knitting Technician



Apprenticeship

First Year:

- ½ Day High School
- ½ Day hands-on training at company

Second through Fourth Year

- 1 Day/Week Community College (paid)
- 4 Days/Week hands-on training at company

Earnings

- Paid for work hours
- Paid for school hours
- 40 hours week Paid (school and work)

Tuition

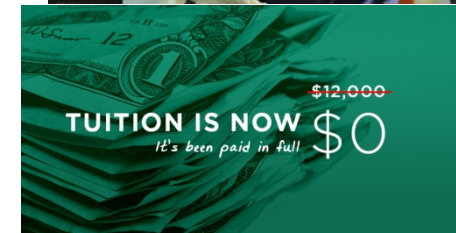
- Company pays tuition at Community College

Job

- Exceptional Employment opportunities upon completion

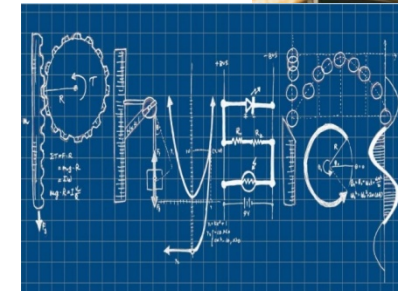
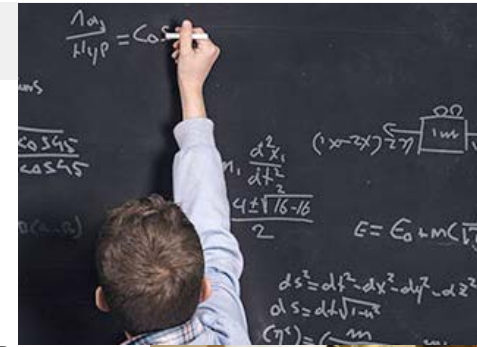


Hands On Training

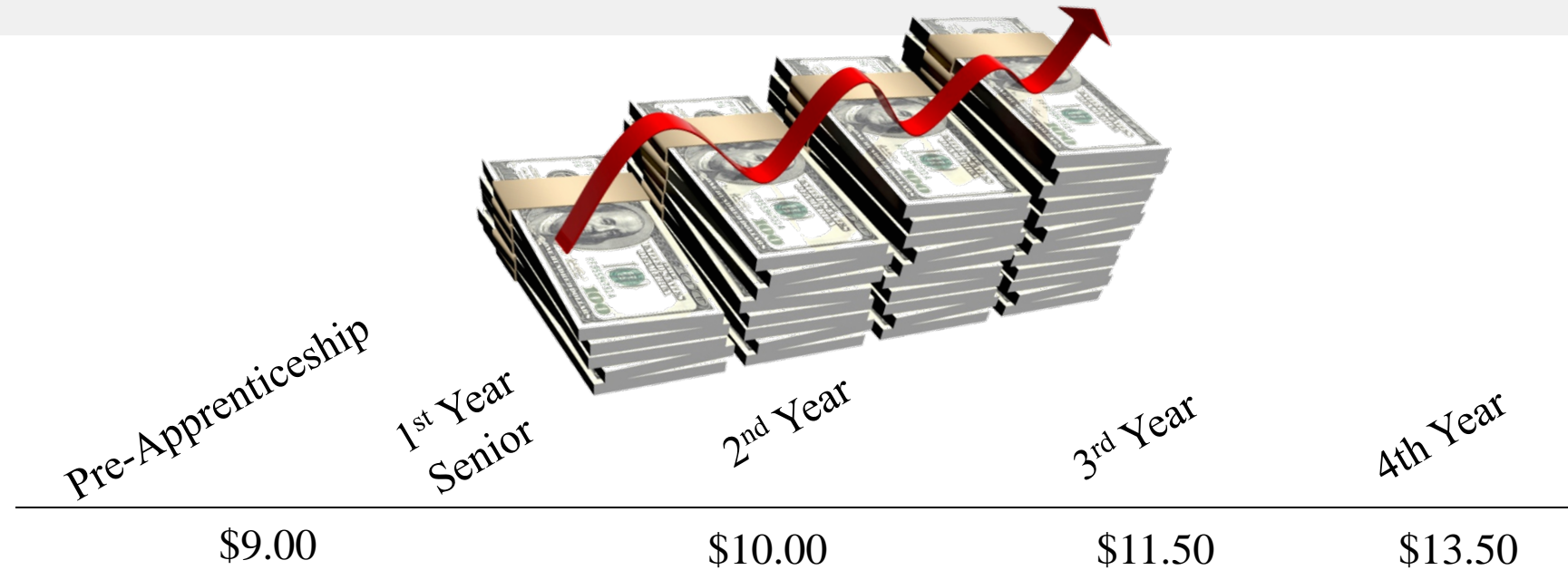


Selection Guidelines

- ✓ ☒ For High school minimum GPA 2.5
- ✓ ☒ GTCC placement test
- ✓ ☒ Math 1, Math 2 & Math 3
- ✓ ☒ Attendance (No more than 5 absences per year)
- ☐ Recommended courses
 - ✓ Physics
 - ✓ Drafting
 - ✓ (PLTW) Engineering Courses
 - ✓ Metals Manufacturing
 - ✓ Computer Application Courses
 - ✓ Any Related Hands-On Courses (Automotive, Electronics, And HVAC)



Salary

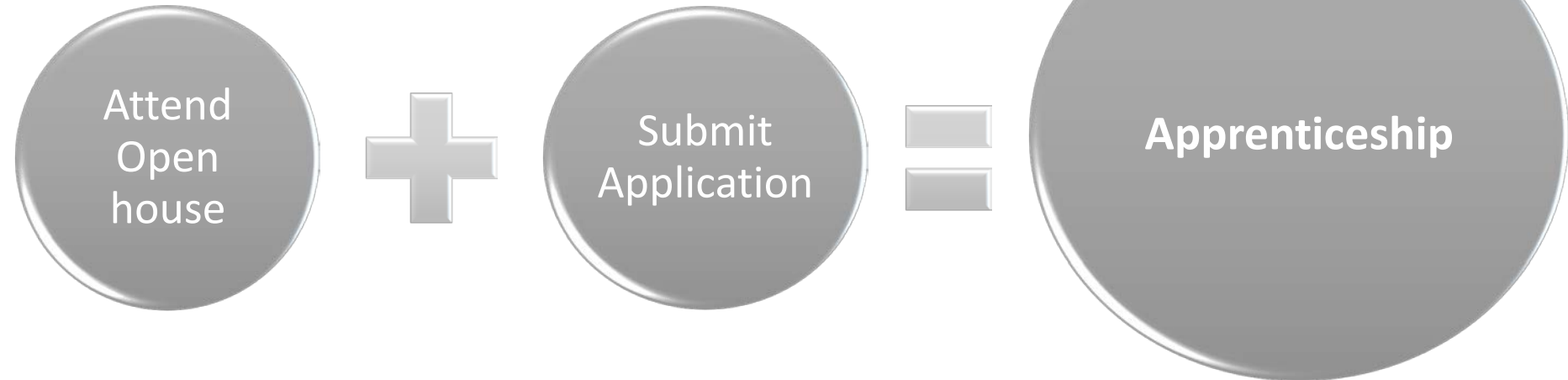


Company Benefits Year 1-4

Minimum base salary after Apprenticeship \$34,000 and \$0 School Debt

Open House Information

Must do to get in program



#1 Attending an Open House is the first requirement to being awarded an apprenticeship!! (VERY IMPORTANT)

Must be accompanied by parents or guardian

Visit the companies who offer Apprenticeships

#2 Submit Application !!

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



Orientation (April)



Students invest 15
hours (4 evenings)



See multiple companies
in partnership



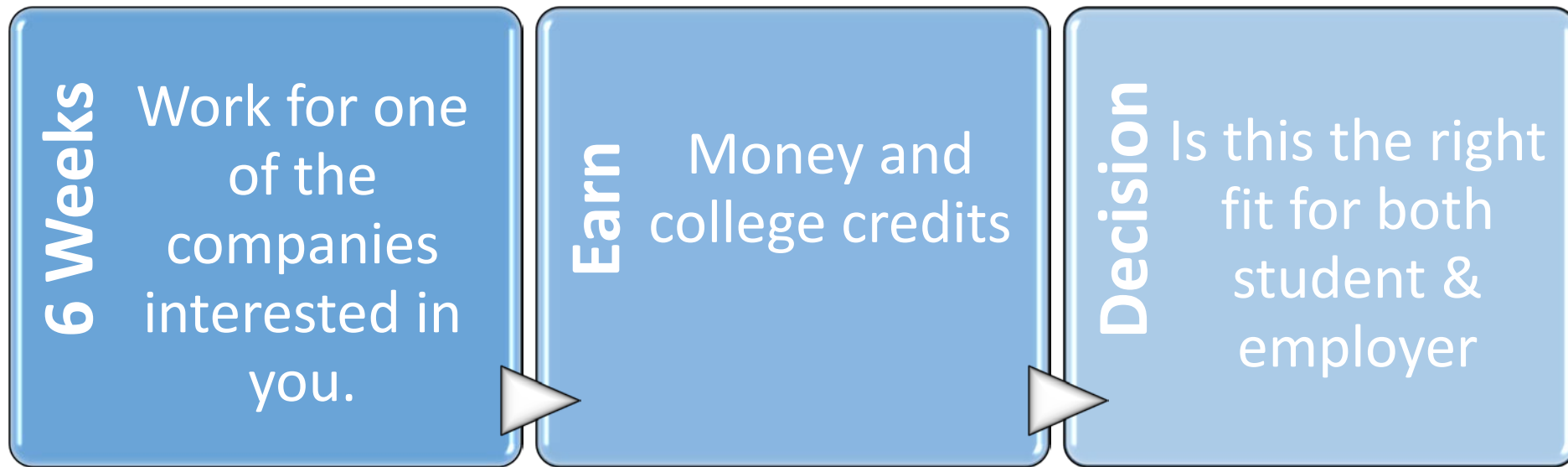
Work on projects and
work with teams



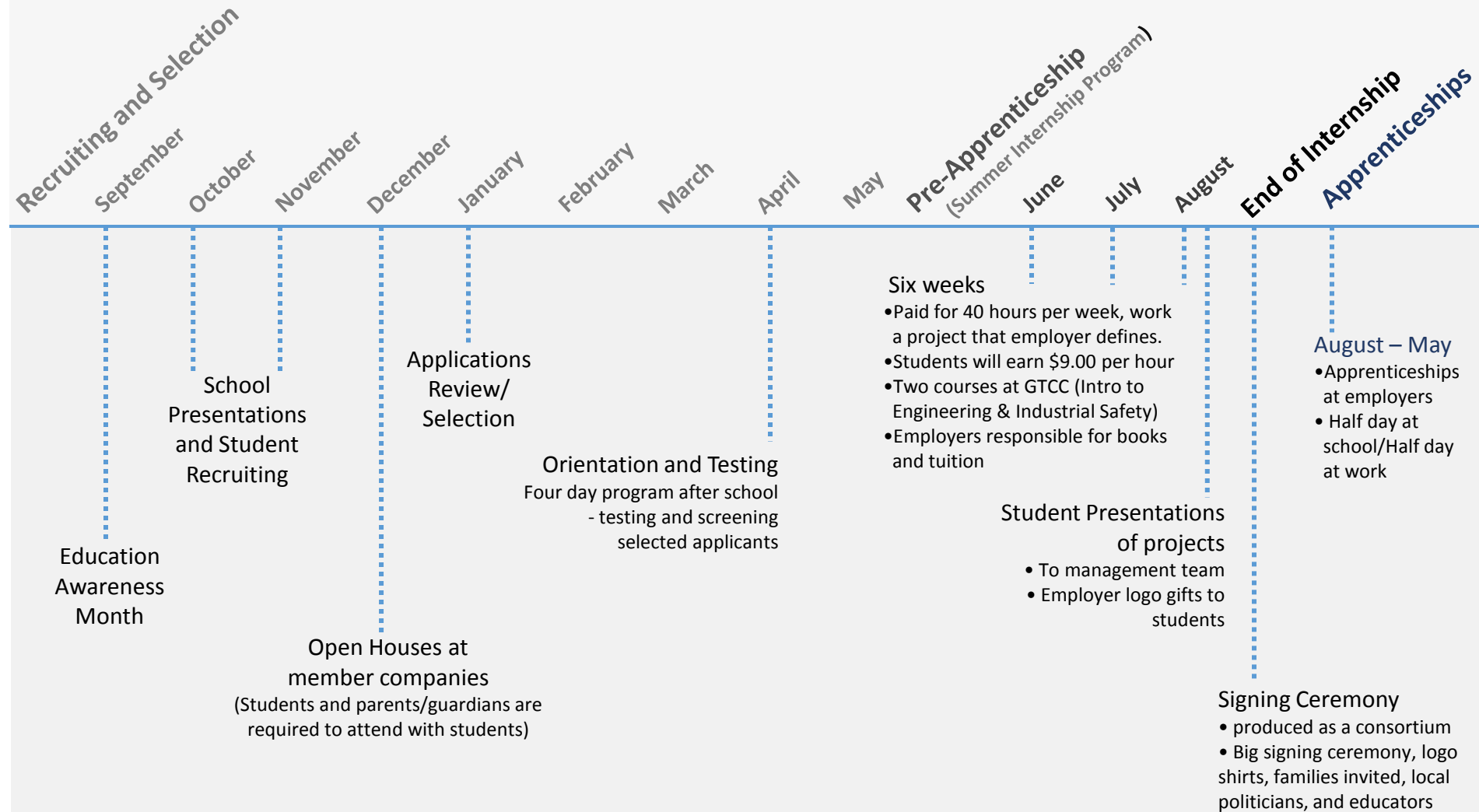
Chance to see if this
is something you like

PRE-APPRENTICESHIP

JUNE-AUGUST



Timeline



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



SIGNING CEREMONY

GAP
GUILFORD APPRENTICESHIP
— P A R T N E R S —



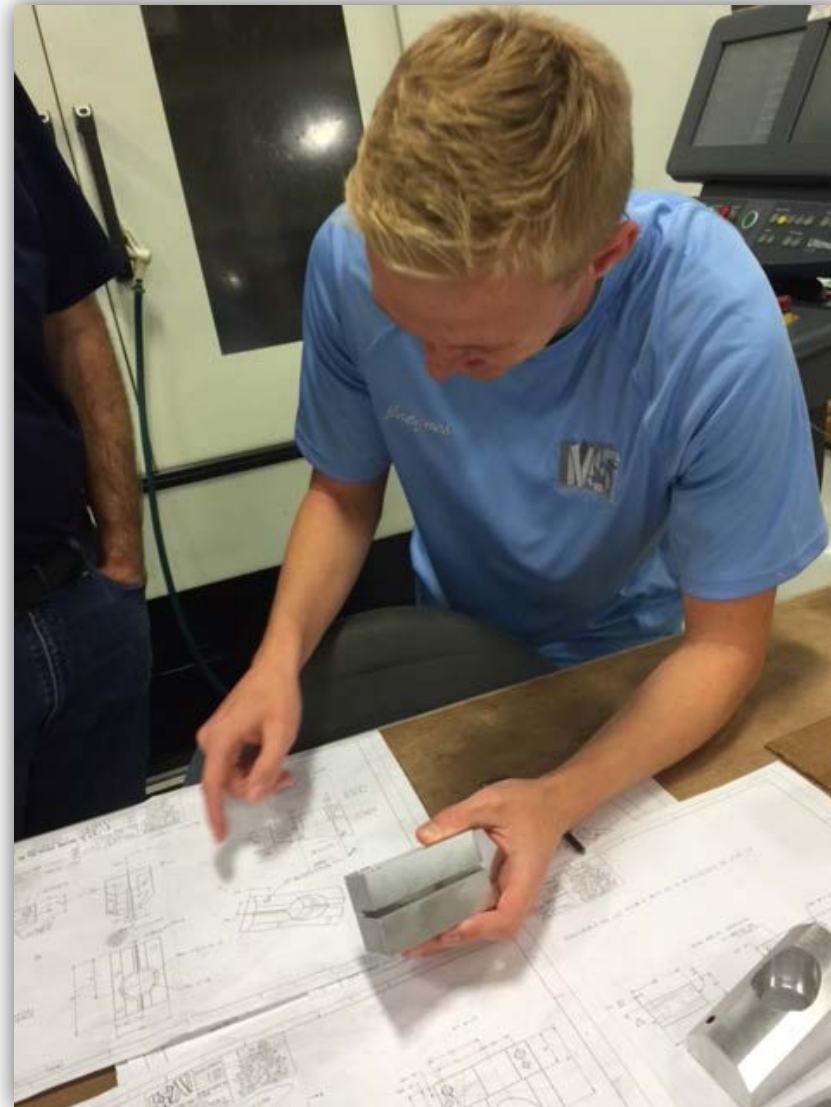
















Thank you!

VISIT US AT WWW.GAPNC.ORG



THANK YOU