

Manufacturing Pathways

Navigating the pathways to great careers

Industry-aligned, credential-based technical education

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www.fl-ate.org

FLATE

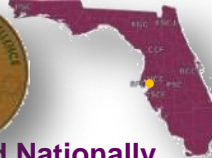
Florida's Advanced Technological Education Center of Excellence



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Do what you LOVE

Find your future in a STEM career!



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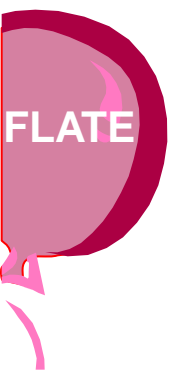


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Why?

PATHWAYS

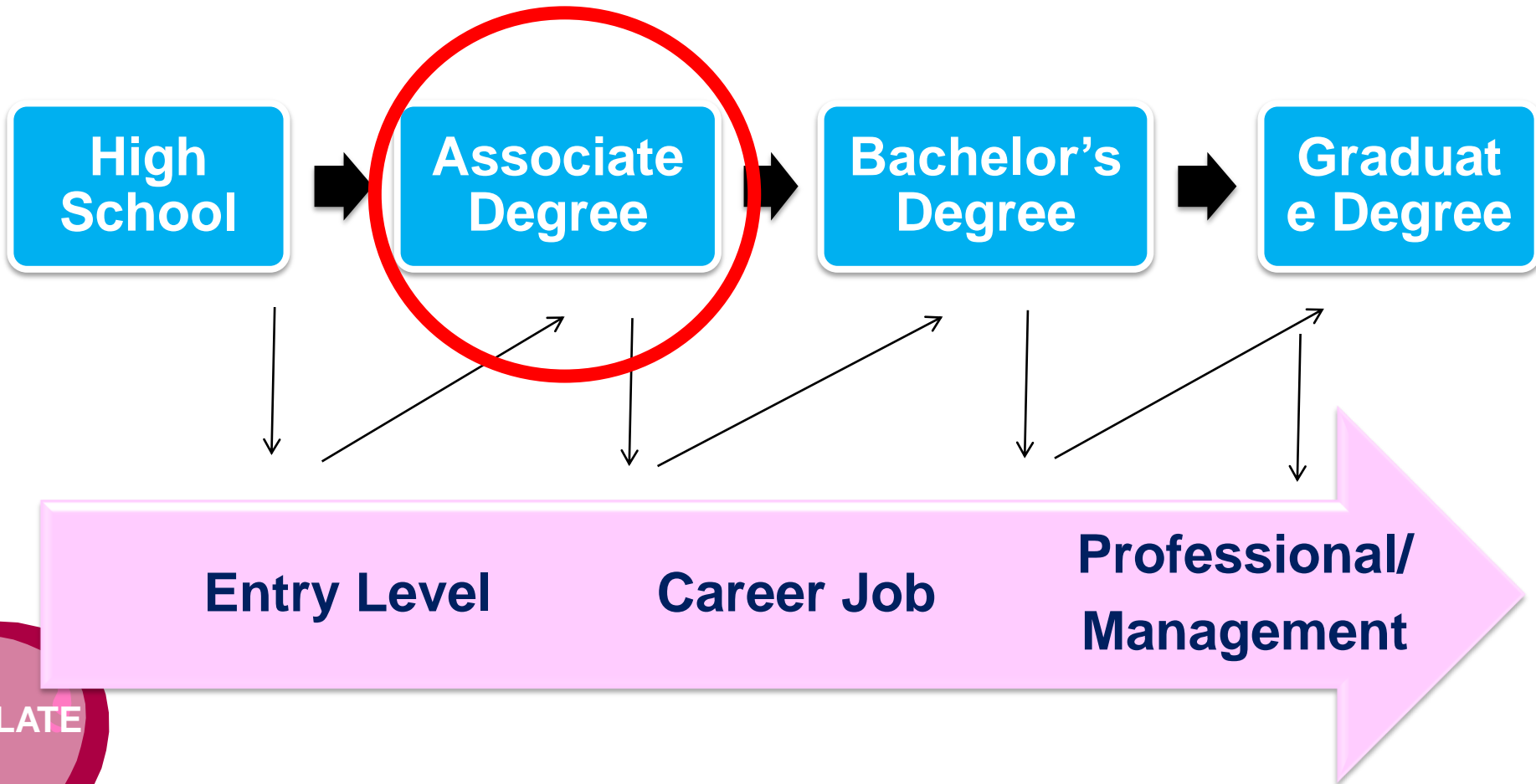
Or.. how do we get from here to where we want to be...





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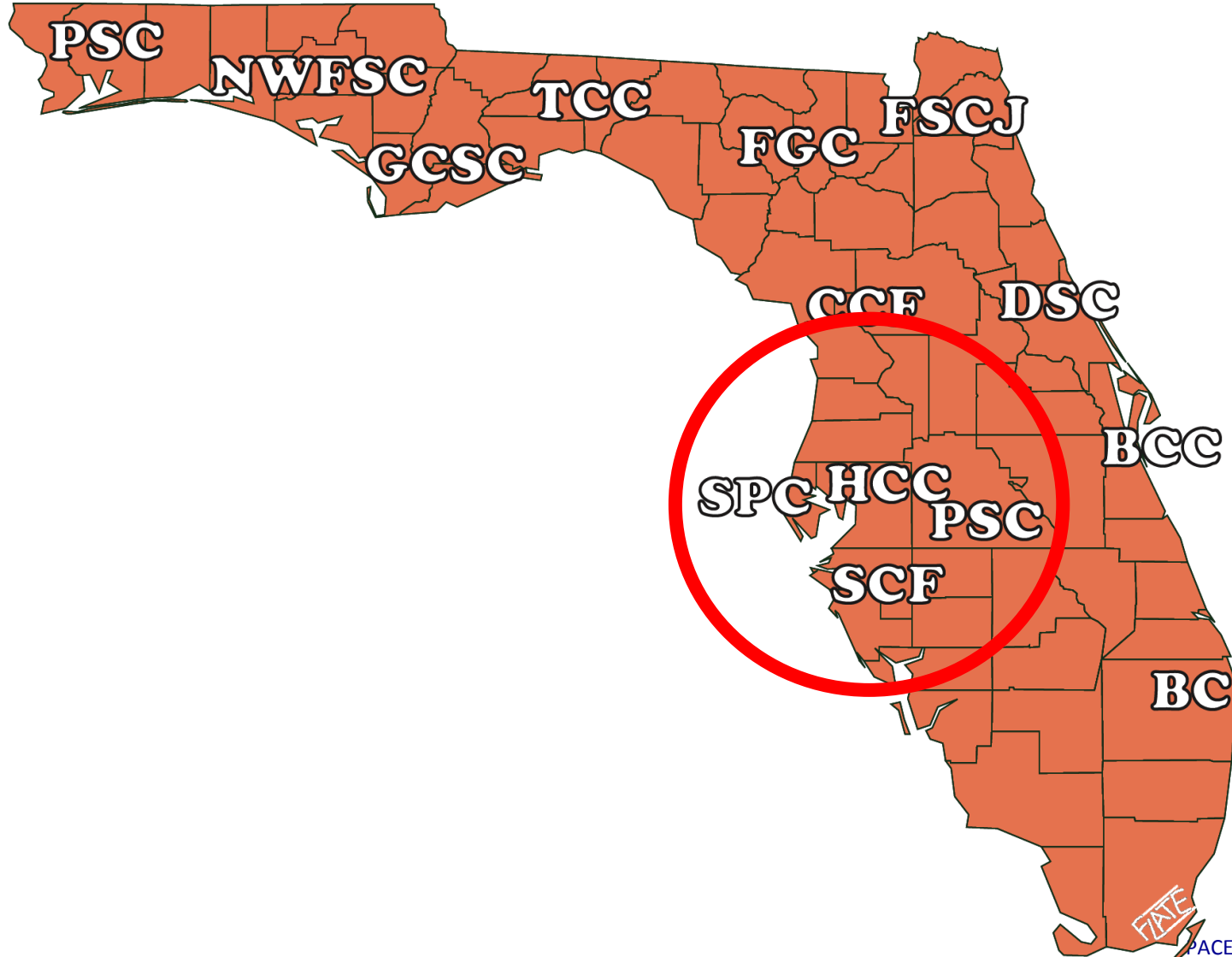
Our pathway





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FLATE's Engineering Technology Network





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Tampa Bay Community Colleges



St. Petersburg College



STATE COLLEGE OF FLORIDA
MANATEE-SARASOTA





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Florida's A.S. Engineering Technology Degree

60 semester hours

I. General Education – 15 - 18 credit hours

II. ET Core - 18 credit hours

III.8 Specialization Tracts – 24 to 27 credit hours



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Florida's A.S. Engineering Technology Degree

60 semester hours – 2 school years

I. General Education – 15 - 18 credit hours

II. ET Core - 18 credit hours

III. 8 Specialization Tracts – 2nd year programs

Advanced Manufacturing / Robotics

Alternative Energy

Biomedical Systems

Quality

Mechanical Fabrication





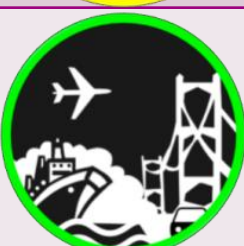

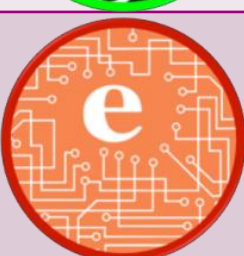

Digital Design & Modeling

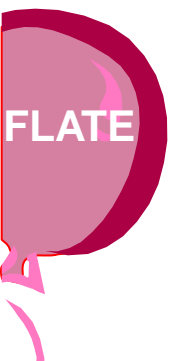
Electronics



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Do what you in a manufacturing career

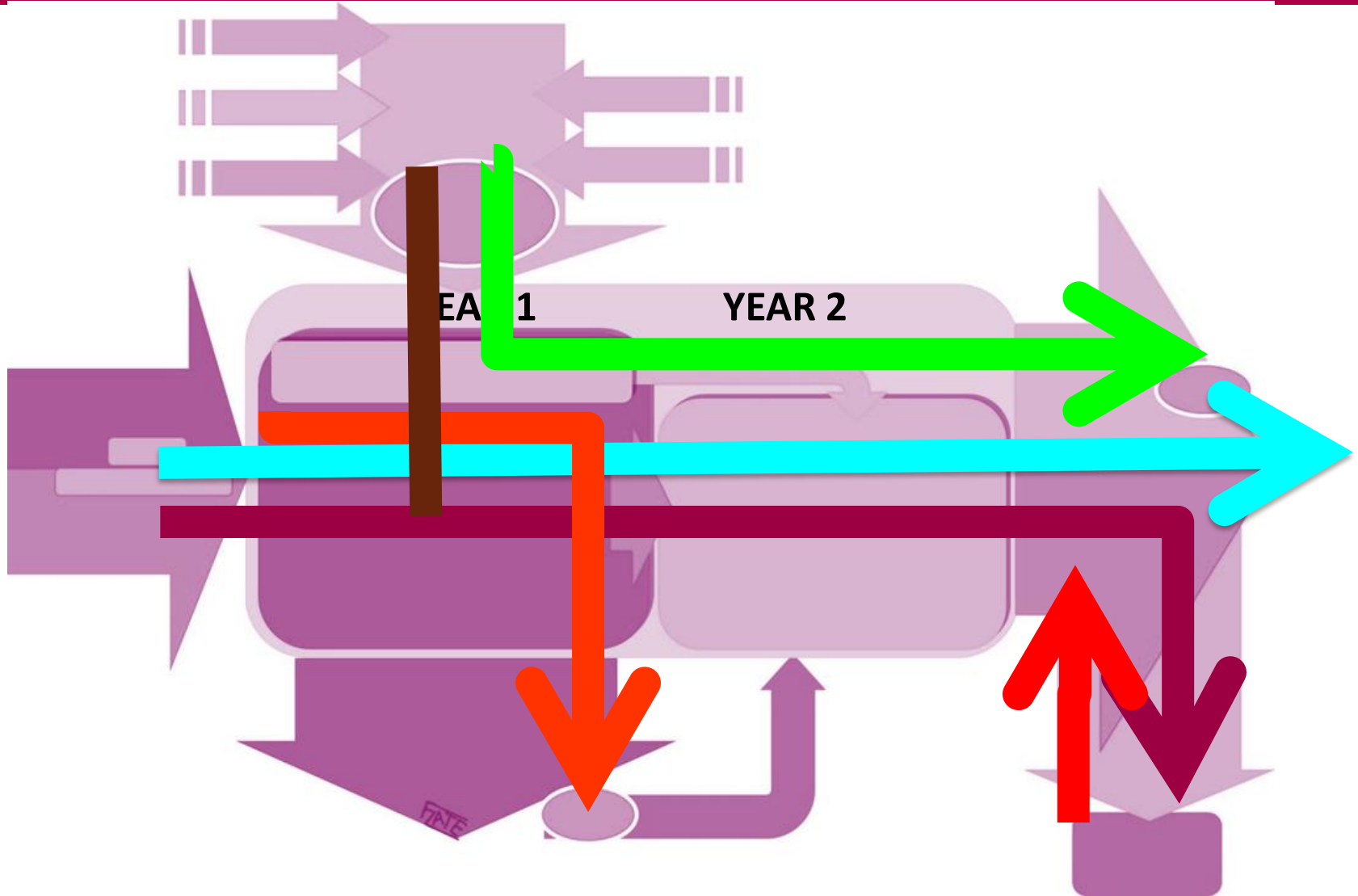
<p>Aviation & Aerospace</p> 	<p>Packaging, Beverage, Food & Pharmaceuticals</p> 
<p>Medical Devices & Equipment</p> 	<p>Machining & Product Fabrication</p> 
<p>Transportation & Logistics</p> 	<p>Leisure & Entertainment</p> 
<p>Electronics, Computers & Electrical</p> 	<p>Product Design & System Integration</p> 





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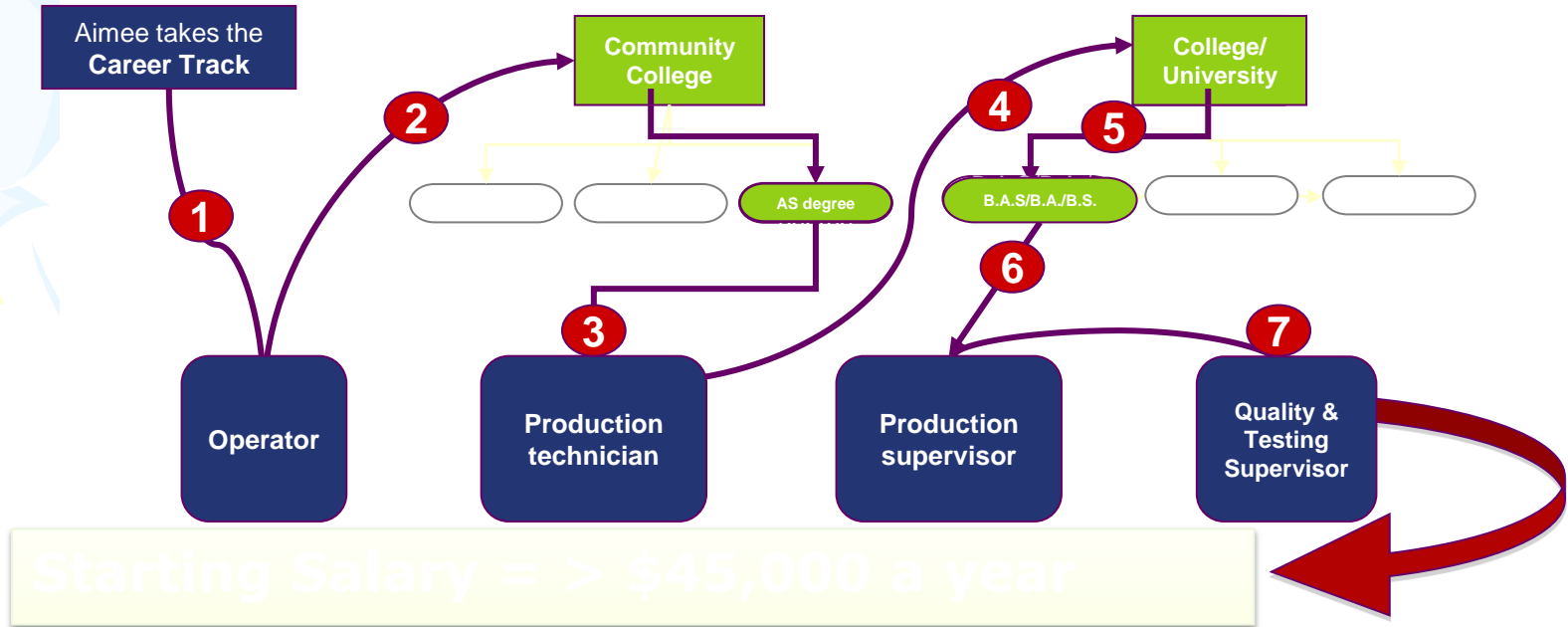
A.S. Engineering Technology Pathways



Aimee's career



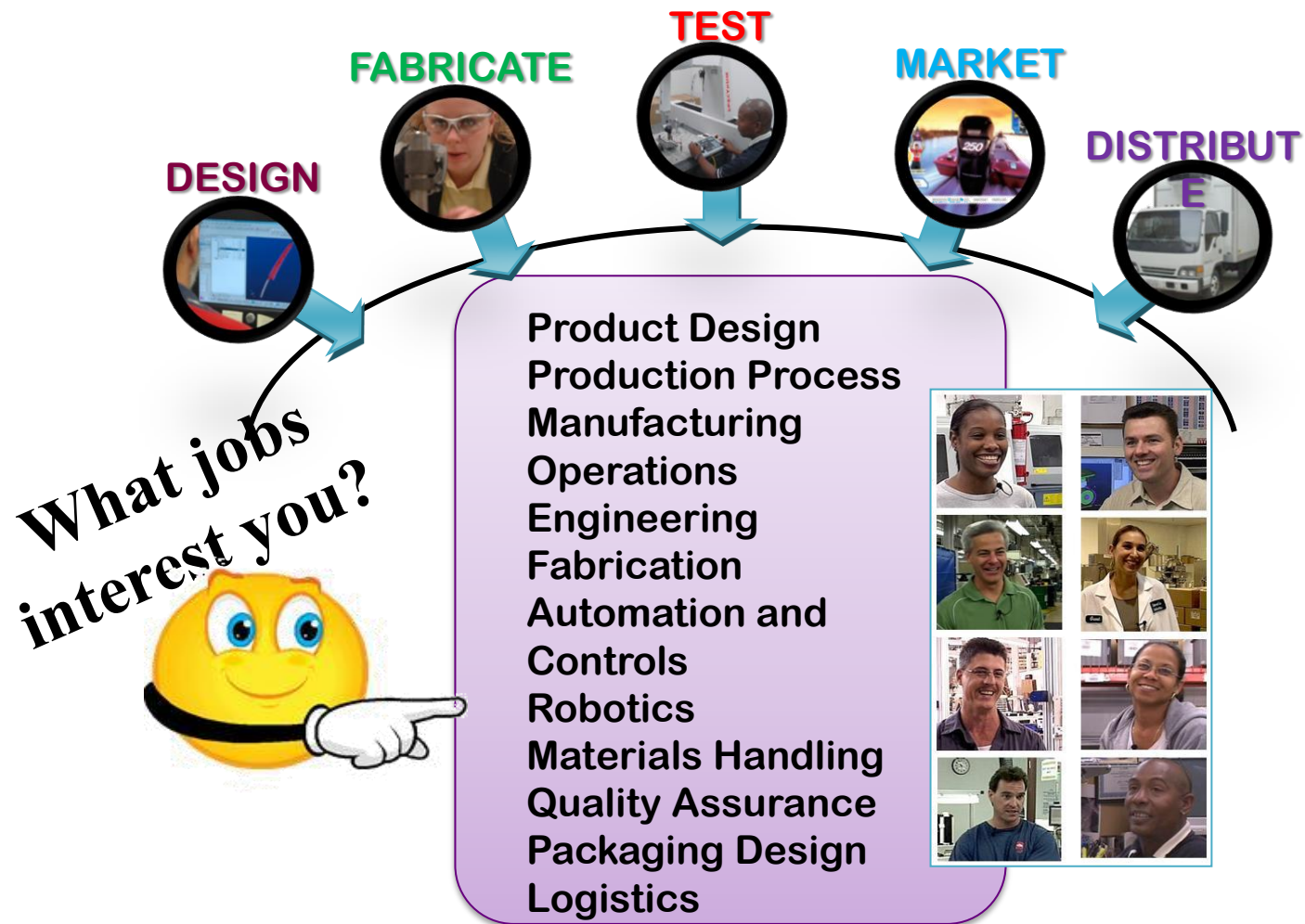
Aimee went immediately to work after high school. Soon realizing she wanted to improve her chances for advancement, Aimee decided to enroll in college classes. She also decided to explore a different kind of work, entering the challenging world of modern manufacturing. While she was taking college classes, she continued to work in the manufacturing field. After completing her degree, Aimee explored other careers, but realized she enjoyed the challenges that came with working in manufacturing. Her education and experience lead to her promotion as a Quality Technician Supervisor.





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What is manufacturing?



sample sites...

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www.engineergirl.org/

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BrainCake shop | internet safety pledge | terms of use | privacy policy | join us on Facebook

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Engineer Girl! THE NATIONAL ACADEMY OF ENGINEERING

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Space Engineers exploring the galaxy
Medicine Engineers helping people
Environment Engineers protecting the planet
Communications Engineers connecting the world

KEY ENGINEER GIRL! CHECK THIS OUT!
Congratulations - 2006 Essay Contest Winners! Engineering Projects from Penn State Summer engineering camps

FUN FACTS
The Trans-Alaska Pipeline System was the largest private construction project of its time.

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Celebration of Women in Engineering

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Engineer Your Life A guide to engineering for high school girls Dream big. Love what you do.

Why Engineering?
Meet Inspiring Women
Find Your Dream Job
Making It Happen

For Counselors & Parents
For Engineers
For Middle School Girls (see engineergirl.org)

WHAT DO I WANT TO DO?
Q: While driving over a river, you're thinking...
Cool bridge!
Is that water clean enough to swim in?

Erin Fletcher makes the world a quieter place.

... designing a child's prosthetic leg. See more dream jobs >

Watch Erin's video

Erin Fletcher designs bridges and barriers

10 reasons why you'll love it

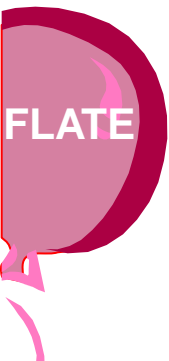
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Thank you!

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