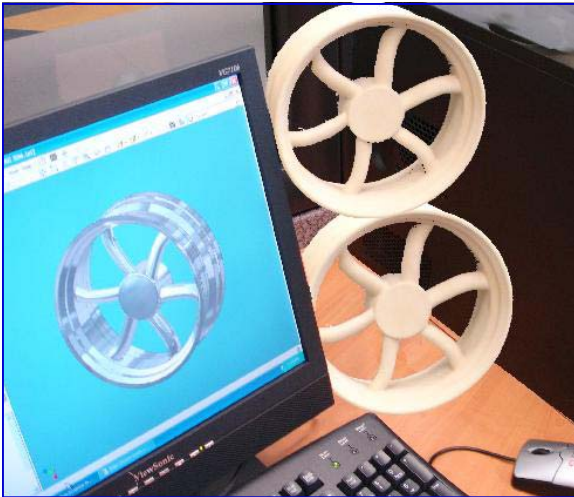# What is Manufacturing?
Discovering great careers in Florida

Manufacturing is the process of changing raw or processed materials into products people can use.

Many COOL careers that use your **imagination** and **skills** with the HOTTEST technologies to make better things for our world!

Over 16,000 manufacturing companies and **400,000** Floridians work in this industry statewide.

Manufacturers make almost every product you use, from the rims you buy, to the jeans you wear, to musical instruments you play.
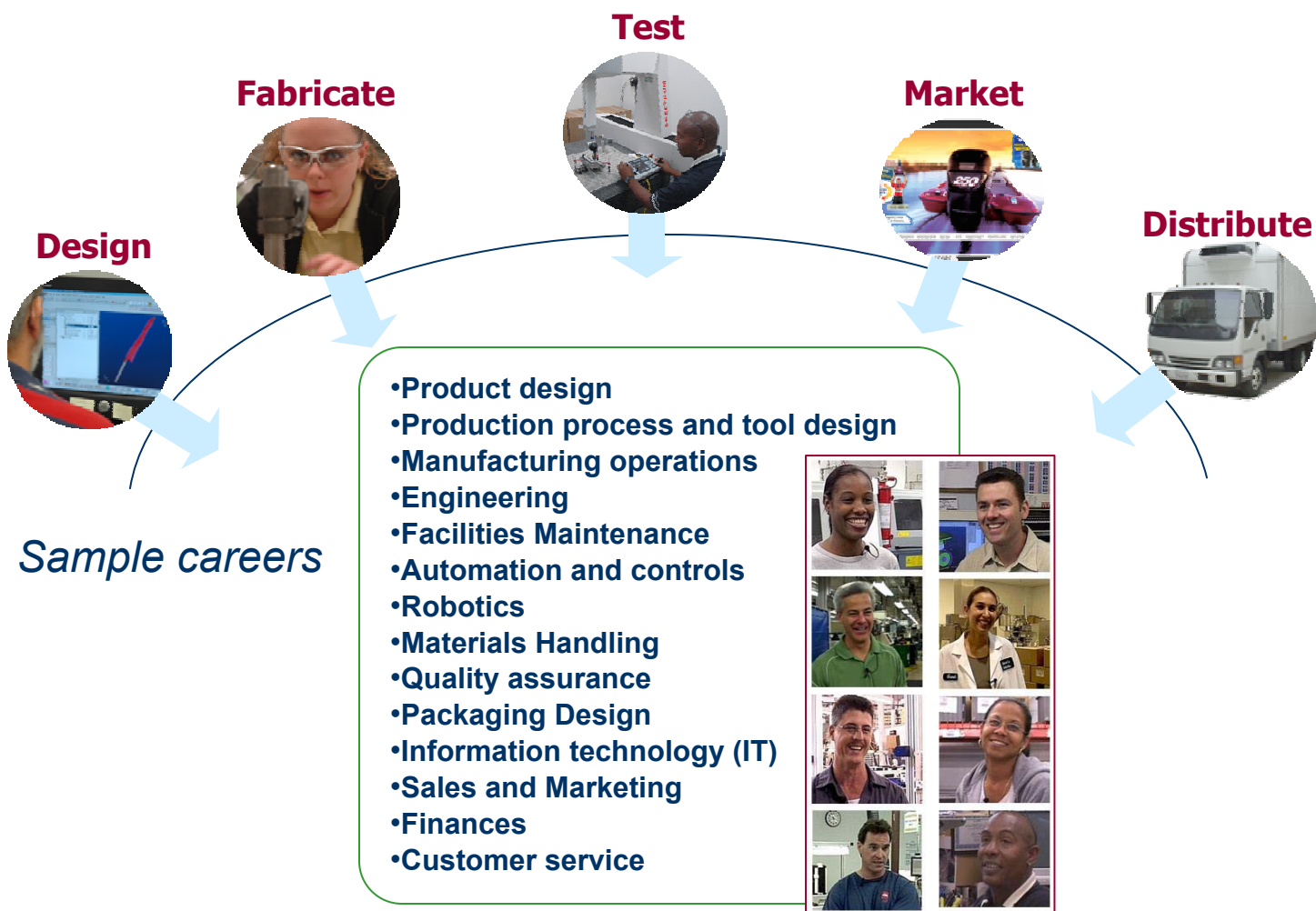
If you get satisfaction by making something, get excited about using new technology, or you work well with teams of people, then the manufacturing industry may be the place for you.

These are some manufacturing sectors

Biological and medical   **Systems Engineering**

Leisure & Entertainment   **Metals and Plastics**

Aviation and Aeronautics   **Transportation**

Electronic Devices   **Processing**

Food, Paper, Beverage & Cosmetics

Which aspects of the manufacturing process might interest you?

Test

Fabricate

Market

Design

Distribute

Sample careers

- Product design
- Production process and tool design
- Manufacturing operations
- Engineering
- Facilities Maintenance
- Automation and controls
- Robotics
- Materials Handling
- Quality assurance
- Packaging Design
- Information technology (IT)
- Sales and Marketing
- Finances
- Customer service

Academic paths leading to careers in manufacturing

Middle School

Prerequisites

High School

Career Track

Academic Track

Community College

College/ University

Special technology or craft training (Possible certification)

Certificate

AAS degree

AS degree

B.A.S/B.A/B.S.

Master

Ph.D.

The World of Manufacturing
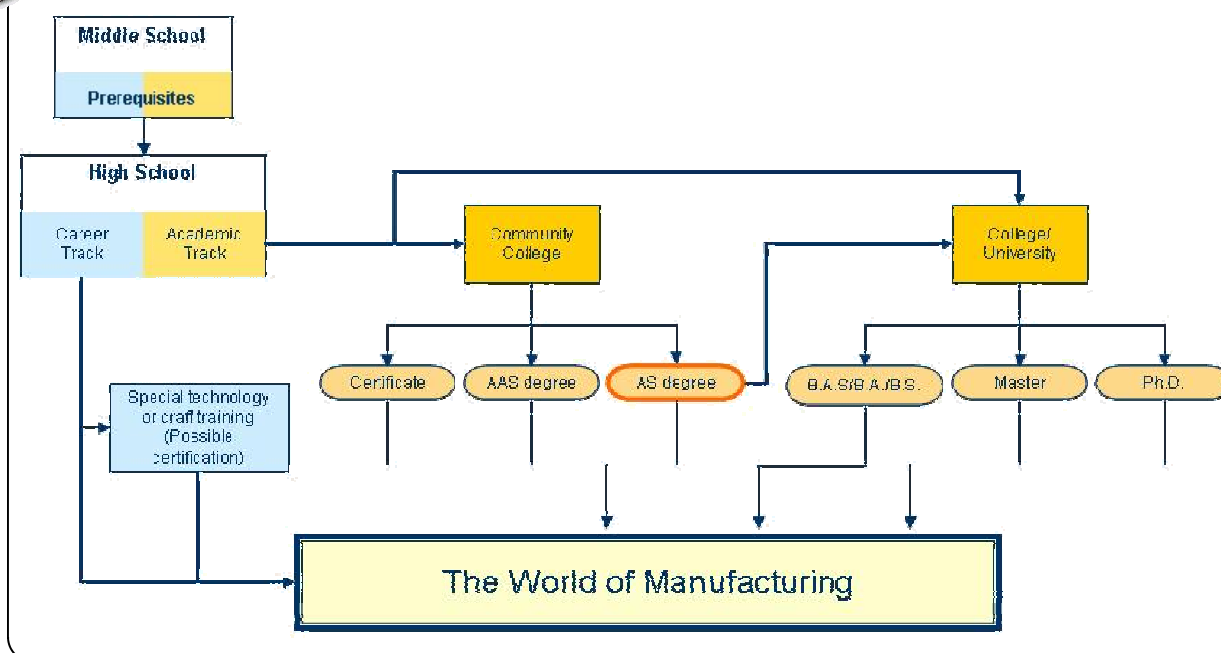
Visit **www.madeinflorida.org** to learn more about careers in manufacturing!