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# Exploring Advanced Manufacturing

CUCWD - EAM101 Started - Jun 22, 2015 View Course



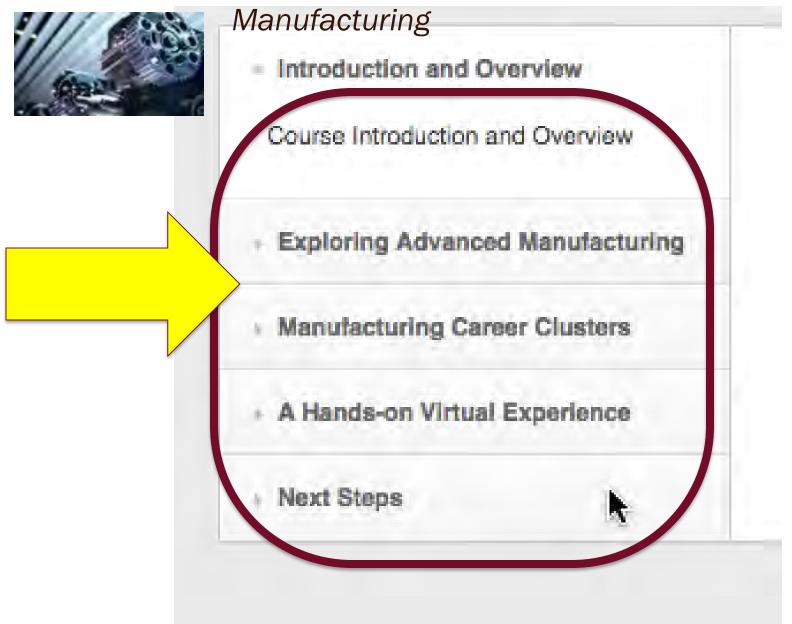
# **CAVES FLATE** Exploring Advanced Manufacturing



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## **Exploring Advanced Manufacturing**

#### **Learner Outcomes**

- Explain how modern advanced manufacturing differs from common perceptions of the industry
- Describe what is in a modern manufacturing facility
- Differentiate between manufacturing career pathways
- Describe the education & skills for successful careers
- Compare average manufacturing salaries to those in other industries





## **Exploring Advanced Manufacturing**

### **Orienting Questions**

- What are some misconceptions about manufacturing jobs?
- What are some different career options in manufacturing?
- What skills and education do I need to have a successful career in manufacturing?
- How do manufacturing salaries compare to other salaries?
- How can I learn more about advanced manufacturing careers?



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> NUFACTURING SESSES AND STION

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CUCWD EAM101 EXPLORING ADVANCED MANUFACTURING

# Exploring Advanced Manufacturing

Courseware Course Info Pro

Progress Glossary

eBook

Introduction and Overview

Exploring Advanced Manufacturing

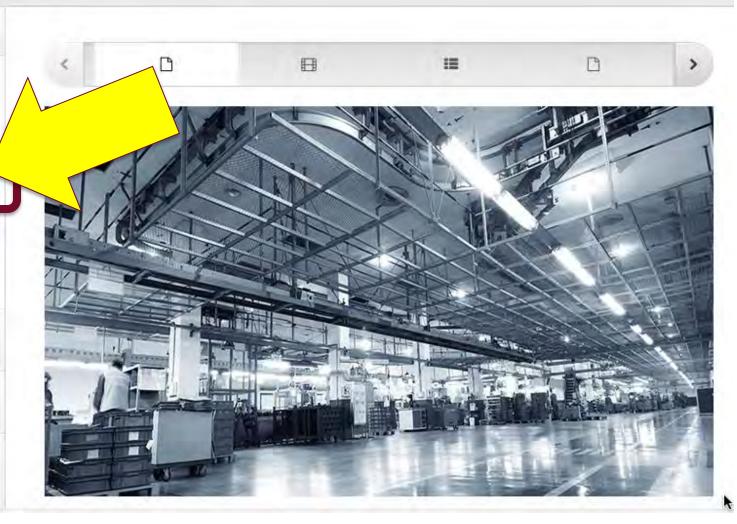
What is Manufacturing?

Manufacturing Sectors Activity

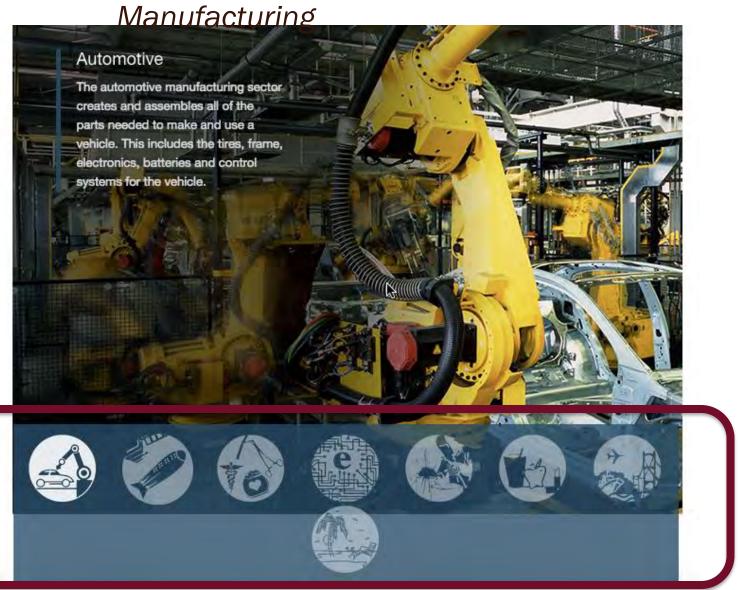
Careers in Manufacturing Activity

Module Summary

- Manufacturing Career Clusters
- A Hands-on Virtual Experience
- Next Steps



## **CAVES FLATE** Exploring Advanced



#### Exploring Advanced Manufacturing What is Manufacturing? 0 Activity Manufacturing Sectors 0 Activity Careers in Manufacturing Ö Activity Module Summary Manufacturing Career Clusters A Hands-on Virtual Experience Next Steps

#### **Exploring Advanced**

#### Manufacturing

### Manufacturing Sectors Activity

Please answer the following questions after you have watched the introduction video on Modern Manufacturing Sectors.



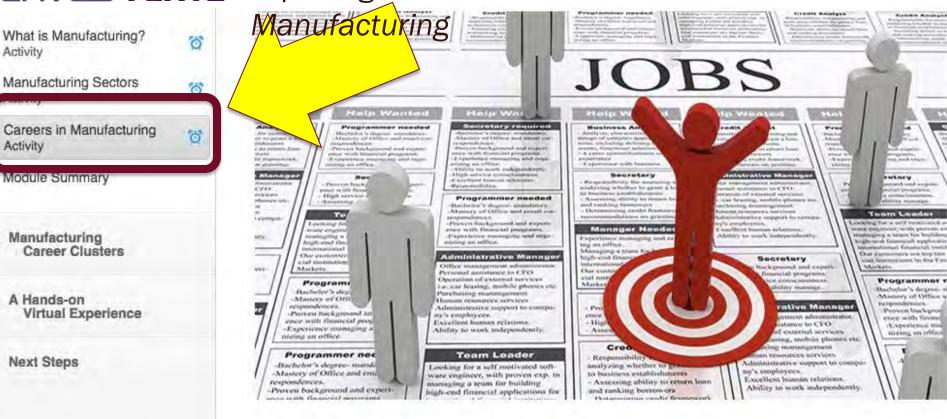
#### MODERN PRODUCTS (4/4 points)

Select the manufacturing sector in which each item is most likely produced:



- Automotive
- Aviation and Aerospace
  - Metals and Plastic
  - Transportation

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#### Introduction

#### GOAL

The goal of this section is to present a few of the exciting career paths available in the modern manufacturing industry.

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**Next Steps** 



#### Benefits of Careers in Modern Manufacturing



# Exploring Advanced Manufacturing

Manufacturing Career Clusters

Introduction

Production

Maintenance, Installation and Repair

Quality Assurance

Logistics and Inventory Control

Process and Product Development

Health, Safety and Environmental Assurance

Module Summary

- A Hands-on Virtual Experience
- Next Steps

#### Introduction



If you are interested in a career in manufacturing, the next step is to determine what kind of career you

#### Exploring Advanced

#### Manufacturing

#### **Manufacturing Career Clusters**

Introduction

Production

Maintenance, Installation and Repair

Quality Assurance

Logistics and Inventory Control

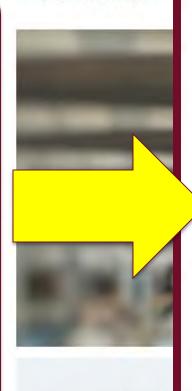
Process and Product Development

Health, Safety and Environmental Assurance

Module Summary

- A Hands-on Virtual Experience
- Next Steps

#### Introduction



If you are interested

#### Manufacturing Career Clusters

Introduction

Production

Maintenance, Installation and Repair

Quality Assurance

Logistics and Inventory Control

Process and Product Development

Health, Safety and Environmental Assurance

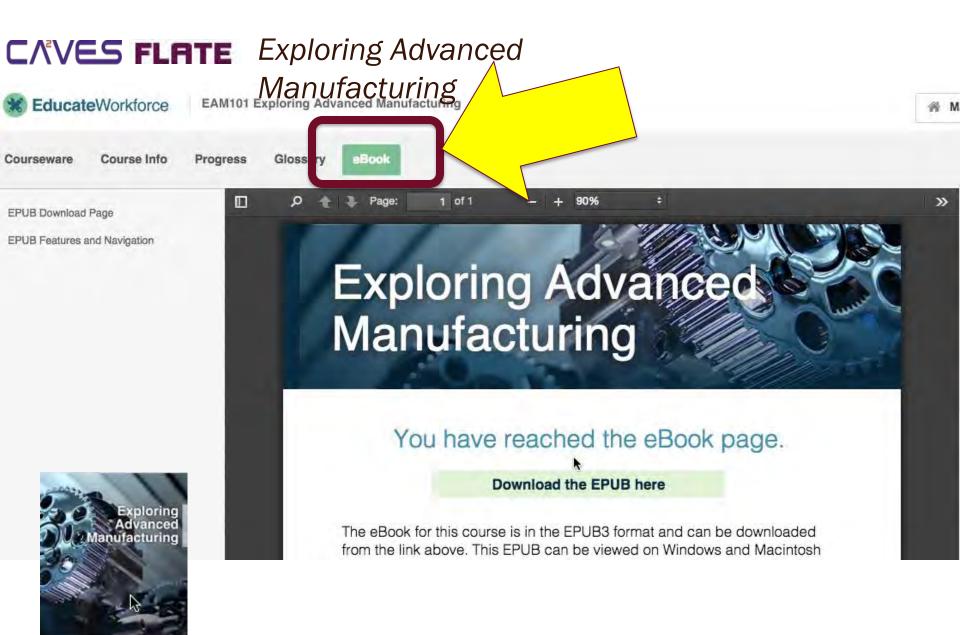
Module Summary



**Next Steps** 



f career you





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