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# Additive Manufacturing

This course is part of [Digital Technologies and the Future of Manufacturing Specialization](#)



Instructor: [M.S. Krishnan](#)

Enroll for free

Starts Nov 20

**7,904** already enrolled

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## 3 modules

Gain insight into a topic and learn the fundamentals.

**4.7** ★

(92 reviews)

## Beginner level

No prior experience required

## Flexible schedule

1 week at 10 hours a week

Learn at your own pace

## Build toward a degree

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## What you'll learn

✓ Understand the basics of Additive Manufacturing and industrial applications

✓ Learn about business considerations around implementing Additive Manufacturing

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Technology Strategies

Technology Roadmaps

Strategic Partnership

Risk Analysis

Emerging Technologies

Case Studies

Cost Benefit Analysis

Organizational Change

Business Modeling

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## Details to know



### Shareable certificate

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### Assessments

3 assignments<sup>1</sup>

[AI Graded see disclaimer](#)



### Taught in English

[22 languages available](#)

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## Build your subject-matter expertise

This course is part of the [Digital Technologies and the Future of Manufacturing Specialization](#). When you enroll in this course, you'll also be enrolled in this Specialization.

- Learn new concepts from industry experts
- Gain a foundational understanding of a subject or tool
- Develop job-relevant skills with hands-on projects
- Earn a shareable career certificate

## There are 3 modules in this course

This course, Additive Manufacturing, is the third course in the Coursera Specialization, Digital Technologies and the Future of Manufacturing.

In this course, learners will be introduced to the concept of Additive Manufacturing, learn how it is applied in manufacturing, and what businesses should consider as they decide to implement this

Learners will hear from industry experts as they share their perspectives on the opportunities and challenges of implementing Additive Manufacturing, how Additive Manufacturing is being implemented in their companies, and insights on the future of this technology within their industry and across manufacturing.

The content presented in this course draws on a number of real-life interviews and case studies, and was created through a partnership with Siemens.

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## What is Additive Manufacturing?

[Module details](#) ^

Module 1 • 2 hours to complete

Welcome to Additive Manufacturing! This week, you'll learn the basics behind this technology and will be able to describe the applications and uses for additive manufacturing within a manufacturing setting.

### What's included

credit if you are admitted and enroll in one of the following online degree programs.<sup>1</sup>

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**M.S. Krishnan**

University of Michigan

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### Essentials of Additive Manufacturing

Course

Free Trial

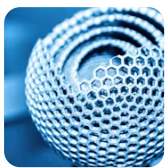


**A** Arizona State University

### Introduction to Additive Manufacturing Processes

Course

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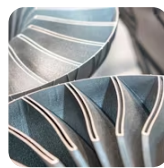


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### Design for Additive Manufacturing

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### Additive Manufacturing

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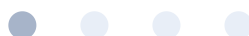
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★ 4.7 92 reviews

5 stars  79.34%

1 star  3.26%

S

★ 5 · Reviewed on Jan 7, 2022

the course was really helpful for gaining the knowledge apart from the academics, thank you for the valuable knowledge

SS

★ 5 · Reviewed on Jun 17, 2025

good nice learning

good speacking and easy way of understanding of it

NB

★ 4 · Reviewed on Jun 7, 2022

overall i am very satisfied with the outcome of this course

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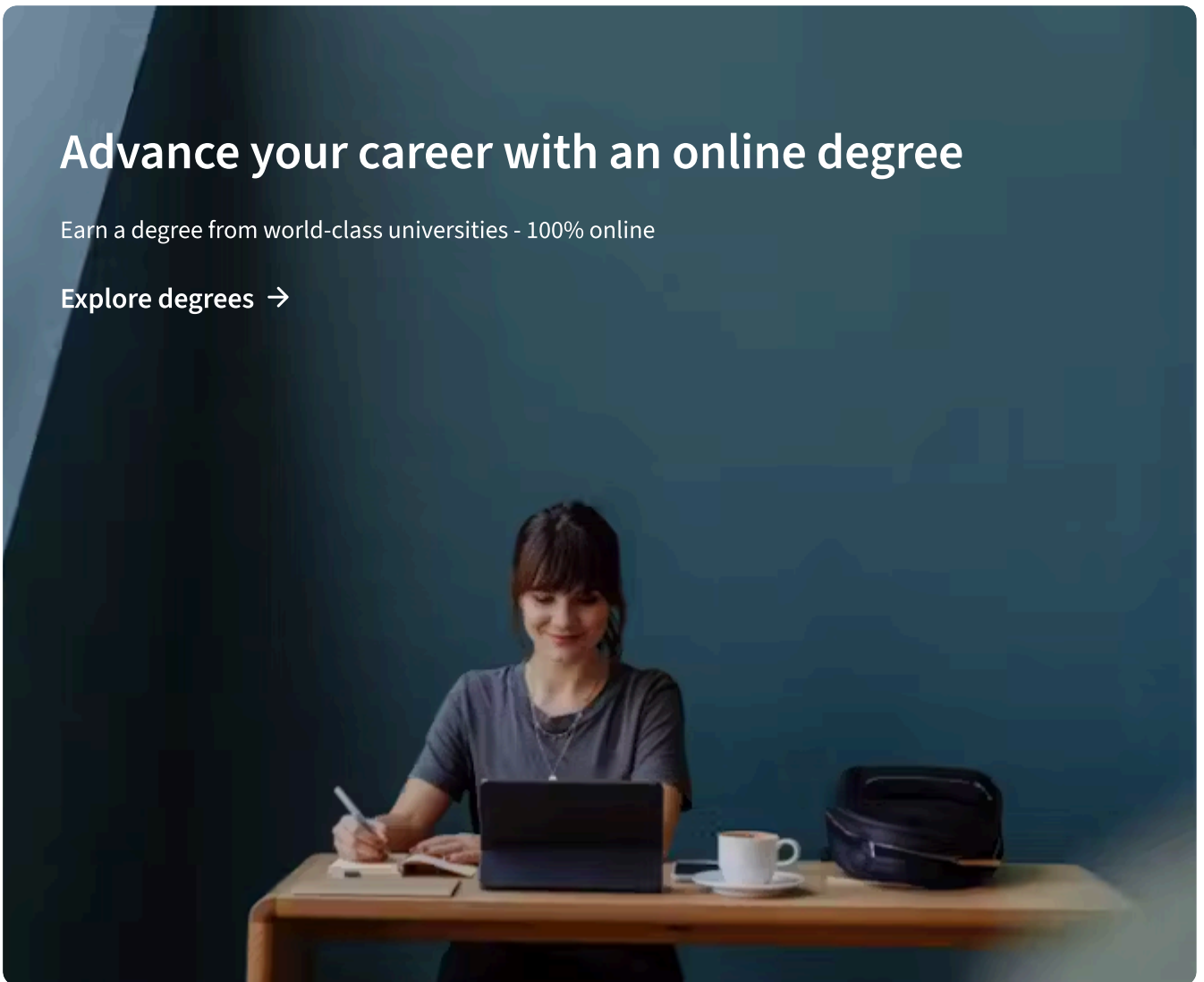
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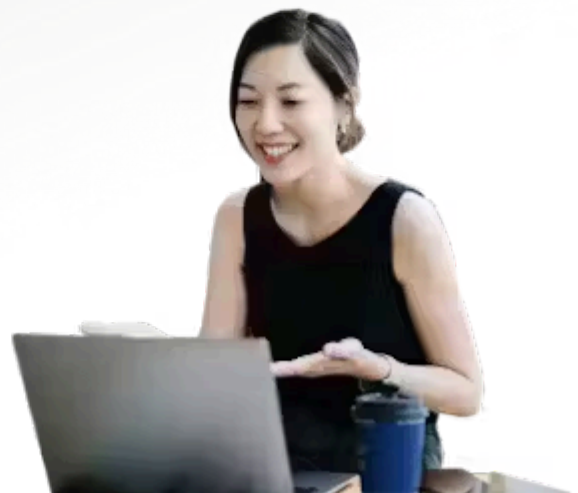
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## Frequently asked questions

### ^ When will I have access to the lectures and assignments?

To access the course materials, assignments and to earn a Certificate, you will need to purchase the Certificate experience when you enroll in a course. You can try a Free Trial instead, or apply for Financial Aid. The course may offer 'Full Course, No Certificate' instead. This option lets you see all course materials, submit required assessments, and get a final grade. This also means that you will not be able to purchase a Certificate experience.

### ✓ What will I get if I subscribe to this Specialization?

## ^ Is financial aid available?

Yes. In select learning programs, you can apply for financial aid or a scholarship if you



## More questions

[Visit the learner help center](#)

Financial aid available, [learn more](#)

<sup>1</sup> Some assignments in this course are AI-graded. For these assignments, your data will be used in accordance with [Coursera's Privacy Notice](#).

### Skills

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Digital Marketing  
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Generative AI  
(GenAI)  
Microsoft Excel  
Microsoft Power BI  
Project  
Management  
Python

### Certificates & Programs

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### Industries & Careers

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Data Science  
Education &  
Teaching  
Engineering  
Finance  
Healthcare  
Human Resources  
(HR)  
Information  
Technology (IT)  
Marketing

### Career Resources

Career Aptitude  
Test  
Examples of  
Strengths and  
Weaknesses for  
Job Interviews  
High-Income Skills  
to Learn  
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Cryptocurrency  
Work?  
How to Highlight  
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