

# Quantic MSSE Class of September 2027 Cohort Schedule

Welcome to Quantic! Here's the course syllabus for your program. It's strongly recommended that you follow this schedule to complete your required lessons per week. In order to graduate and earn your degree, you must meet the course requirements as seen [here](#).



# MSSE Class of September 2027 Cohort Schedule

## IMPORTANT DATES

Starting Date	• July 20, 2026
Winter Break	• Dec 21 2026 - Jan 3 2027
Capstone Kickoff	• May 24-30, 2027
Capstone Check-In	• Jun 28 2027 - Jul 4 2027
Capstone Check-In	• Jul 26 2027 - Aug 1 2027
Capstone Project Presentation Due Date	• August 29, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• August 29, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• September 30, 2027

Individual concentration exam and case study due dates can be found in their respective sections below.

## July 20, 2026 - September 13, 2026: Managing Software Engineering

<b>Week 1: July 20, 2026</b>	Getting Oriented to the Quantic MSSE Cultural Intelligence
<b>Week 2: July 27, 2026</b>	Leading Software Development I Leading Software Development II
<b>Week 3: August 3, 2026</b>	User-Centered Design
<b>Week 4: August 10, 2026</b>	Cloud Foundations
<b>Week 5: August 17, 2026</b>	Professionalism and Ethics
<b>Week 6: August 24, 2026</b>	Managing Software Engineering Exam Last day to begin exam: August 30, 11:59 p.m. PT / UTC-7 hours
<b>Week 7: August 31, 2026</b>	Managing Software Engineering Project
<b>Week 8: September 7, 2026</b>	Managing Software Engineering Project Due Due by September 13, 11:59 p.m. PT / UTC-7 hours



## September 14, 2026 - October 25, 2026: Web Application and Interface Design

<b>Week 9: September 14, 2026</b>	Web Application Foundations
<b>Week 10: September 21, 2026</b>	Interactive Web Pages
<b>Week 11: September 28, 2026</b>	Relational Databases
<b>Week 12: October 5, 2026</b>	Back Ends
<b>Week 13: October 12, 2026</b>	Web Application and Interface Design Exam Last day to begin exam: October 18, 11:59 p.m. PT / UTC-7 hours
<b>Week 14: October 19, 2026</b>	Web Application & Interface Design Presentation Due by October 25, 11:59 p.m. PT / UTC-7 hours

## October 26, 2026 - January 3, 2027: Software Design and Architecture

<b>Week 15: October 26, 2026</b>	Design and UML
<b>Week 16: November 2, 2026</b>	Paradigms and Patterns
<b>Week 17: November 9, 2026</b>	Enterprise Architectures
<b>Week 18: November 16, 2026</b>	Cloud Services and Architectures
<b>Week 19: November 23, 2026</b>	Software Design and Architecture Exam Last day to begin exam: November 29, 11:59 p.m. PT / UTC-7 hours
<b>Week 20: November 30, 2026</b>	Software Design & Architecture Project
<b>Week 21: December 7, 2026</b>	Software Design & Architecture Project Due Due by December 13, 11:59 p.m. PT / UTC-7 hours
<b>Week 22: December 14, 2026</b>	Break Week
<b>Week 23: December 21, 2026</b>	Winter Break
<b>Week 24: December 28, 2026</b>	Winter Break

## January 4, 2027 - January 31, 2027: Software Testing and CI/CD

<b>Week 25: January 4, 2027</b>	Introduction to Git and GitHub Software Testing
<b>Week 26: January 11, 2027</b>	CI/CD and Software Maintenance
<b>Week 27: January 18, 2027</b>	Performance Monitoring



**Week 28: January 25, 2027**      Software Testing and CI/CD Exam  
Last day to begin exam: January 31, 11:59 p.m. PT / UTC-7 hours

## February 1, 2027 - February 28, 2027: Cloud Applications and Architectures

**Week 29: February 1, 2027**      AWS Academy Cloud Foundations  
**Week 30: February 8, 2027**      Migrating an Existing Web Application I  
Migrating an Existing Web Application II  
**Week 31: February 15, 2027**      Serverless Application Development I  
Serverless Application Development II  
**Week 32: February 22, 2027**      Cloud Applications and Architectures Exam  
Last day to begin exam: February 28, 11:59 p.m. PT / UTC-7 hours

## March 1, 2027 - April 18, 2027: Introduction to Machine Learning

**Week 33: March 1, 2027**      Introduction to Machine Learning  
**Week 34: March 8, 2027**      Data Preprocessing  
Linear Algebra for Machine Learning  
**Week 35: March 15, 2027**      Logistic Regression  
Decision Trees and Random Forests  
**Week 36: March 22, 2027**      Clustering with Unsupervised Learning  
Introduction to Deep Learning  
**Week 37: March 29, 2027**      Introduction to Machine Learning Exam  
Last day to begin exam: April 4, 11:59 p.m. PT / UTC-7 hours  
**Week 38: April 5, 2027**      Introduction to Machine Learning Project  
**Week 39: April 12, 2027**      Introduction to Machine Learning Project Due  
Due by April 18, 11:59 p.m. PT / UTC-7 hours

## April 19, 2027 - May 30, 2027: Artificial Intelligence Engineering

**Week 40: April 19, 2027**      Adopting AI in Your Organization  
**Week 41: April 26, 2027**      LLM-Based Apps  
**Week 42: May 3, 2027**      Model Fine-Tuning



<b>Week 43: May 10, 2027</b>	Artificial Intelligence Engineering Exam Last day to begin exam: May 16, 11:59 p.m. PT / UTC-7 hours
<b>Week 44: May 17, 2027</b>	Artificial Intelligence Engineering Presentation Due by May 23, 11:59 p.m. PT / UTC-7 hours
<b>Week 45: May 24, 2027</b>	Capstone Kickoff

## May 31, 2027 - July 4, 2027: Microservices Architectures

<b>Week 46: May 31, 2027</b>	Microservices I: Designing and Building
<b>Week 47: June 7, 2027</b>	Microservices II: Deploying and Testing
<b>Week 48: June 14, 2027</b>	Microservices III: Scaling and Kubernetes
<b>Week 49: June 21, 2027</b>	Microservices Architectures Exam Last day to begin exam: June 27, 11:59 p.m. PT / UTC-7 hours
<b>Week 50: June 28, 2027</b>	Capstone Check-in Week

## July 5, 2027 - August 22, 2027: Specialization Period I

<b>Week 51: July 5, 2027</b>	Specialization Period
<b>Week 52: July 12, 2027</b>	Specialization Period
<b>Week 53: July 19, 2027</b>	Specialization Period
<b>Week 54: July 26, 2027</b>	Capstone Check-in Week
<b>Week 55: August 2, 2027</b>	Specialization Period
<b>Week 56: August 9, 2027</b>	Specialization Period
<b>Week 57: August 16, 2027</b>	Specialization Period

## August 23, 2027 - August 29, 2027: Capstone Project

<b>Week 58: August 23, 2027</b>	Capstone Project Due Due by August 29, 11:59 p.m. PT / UTC-7 hours
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