

Quantic MSSE Class of December 2026 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 December 2026 Cohort Schedule

IMPORTANT DATES

Starting Date	• October 20, 2025
Winter Break	• Dec 22 2025 - Jan 4 2026
Capstone Kickoff	• August 24-30, 2026
Capstone Check-In	• Sep 28 2026 - Oct 4 2026
Capstone Check-In	• Oct 26 2026 - Nov 1 2026
Capstone Project Presentation Due Date	• November 29, 2026 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• November 29, 2026 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• December 31, 2026

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

October 20, 2025 - December 14, 2025: Managing Software Engineering

Week 1: October 20, 2025	Getting Oriented to the Quantic MSSE Cultural Intelligence
Week 2: October 27, 2025	Leading Software Development I Leading Software Development II
Week 3: November 3, 2025	User-Centered Design
Week 4: November 10, 2025	Cloud Foundations
Week 5: November 17, 2025	Professionalism and Ethics
Week 6: November 24, 2025	Managing Software Engineering Exam Last day to begin exam: November 30, 11:59 p.m. PT / UTC-7 hours
Week 7: December 1, 2025	Managing Software Engineering Project
Week 8: December 8, 2025	Managing Software Engineering Project Due Due by December 14, 11:59 p.m. PT / UTC-7 hours



December 15, 2025 - February 8, 2026: Web Application and Interface Design

Week 9: December 15, 2025	Web Application Foundations
Week 10: December 22, 2025	Winter Break
Week 11: December 29, 2025	Winter Break
Week 12: January 5, 2026	Interactive Web Pages
Week 13: January 12, 2026	Relational Databases
Week 14: January 19, 2026	Back Ends
Week 15: January 26, 2026	Web Application and Interface Design Exam
	Last day to begin exam: February 1, 11:59 p.m. PT / UTC-7 hours
Week 16: February 2, 2026	Web Application & Interface Design Presentation
	Due by February 8, 11:59 p.m. PT / UTC-7 hours

February 9, 2026 - April 5, 2026: Software Design and Architecture

Week 17: February 9, 2026	Design and UML
Week 18: February 16, 2026	Paradigms and Patterns
Week 19: February 23, 2026	Enterprise Architectures
Week 20: March 2, 2026	Cloud Services and Architectures
Week 21: March 9, 2026	Software Design and Architecture Exam
	Last day to begin exam: March 15, 11:59 p.m. PT / UTC-7 hours
Week 22: March 16, 2026	Software Design & Architecture Project
Week 23: March 23, 2026	Software Design & Architecture Project Due
	Due by March 29, 11:59 p.m. PT / UTC-7 hours
Week 24: March 30, 2026	Break Week

April 6, 2026 - May 3, 2026: Software Testing and CI/CD

Week 25: April 6, 2026	Introduction to Git and GitHub
	Software Testing
Week 26: April 13, 2026	CI/CD and Software Maintenance
Week 27: April 20, 2026	Performance Monitoring
Week 28: April 27, 2026	Software Testing and CI/CD Exam
	Last day to begin exam: May 3, 11:59 p.m. PT / UTC-7 hours



May 4, 2026 - May 31, 2026: Cloud Applications and Architectures

Week 29: May 4, 2026	AWS Academy Cloud Foundations
Week 30: May 11, 2026	Migrating an Existing Web Application I Migrating an Existing Web Application II
Week 31: May 18, 2026	Serverless Application Development I Serverless Application Development II
Week 32: May 25, 2026	Cloud Applications and Architectures Exam Last day to begin exam: May 31, 11:59 p.m. PT / UTC-7 hours

June 1, 2026 - July 19, 2026: Introduction to Machine Learning

Week 33: June 1, 2026	Introduction to Machine Learning
Week 34: June 8, 2026	Data Preprocessing Linear Algebra for Machine Learning
Week 35: June 15, 2026	Logistic Regression Decision Trees and Random Forests
Week 36: June 22, 2026	Clustering with Unsupervised Learning Introduction to Deep Learning
Week 37: June 29, 2026	Introduction to Machine Learning Exam Last day to begin exam: July 5, 11:59 p.m. PT / UTC-7 hours
Week 38: July 6, 2026	Introduction to Machine Learning Project
Week 39: July 13, 2026	Introduction to Machine Learning Project Due Due by July 19, 11:59 p.m. PT / UTC-7 hours

July 20, 2026 - August 30, 2026: Artificial Intelligence Engineering

Week 40: July 20, 2026	Adopting AI in Your Organization
Week 41: July 27, 2026	LLM-Based Apps
Week 42: August 3, 2026	Model Fine-Tuning
Week 43: August 10, 2026	Artificial Intelligence Engineering Exam Last day to begin exam: August 16, 11:59 p.m. PT / UTC-7 hours
Week 44: August 17, 2026	Artificial Intelligence Engineering Presentation Due by August 23, 11:59 p.m. PT / UTC-7 hours



Week 45: August 24, 2026 Capstone Kickoff

August 31, 2026 - October 4, 2026: Microservices Architectures

Week 46: August 31, 2026 Microservices I: Designing and Building

Week 47: September 7, 2026 Microservices II: Deploying and Testing

Week 48: September 14, 2026 Microservices III: Scaling and Kubernetes

Week 49: September 21, 2026 Microservices Architectures Exam

Last day to begin exam: September 27, 11:59 p.m. PT / UTC-7 hours

Week 50: September 28, 2026 Capstone Check-in Week

October 5, 2026 - November 22, 2026: Specialization Period I

Week 51: October 5, 2026 Specialization Period

Week 52: October 12, 2026 Specialization Period

Week 53: October 19, 2026 Specialization Period

Week 54: October 26, 2026 Capstone Check-in Week

Week 55: November 2, 2026 Specialization Period

Week 56: November 9, 2026 Specialization Period

Week 57: November 16, 2026 Specialization Period

November 23, 2026 - November 29, 2026: Capstone Project

Week 58: November 23, 2026 Capstone Project Due

Due by November 29, 11:59 p.m. PT / UTC-7 hours