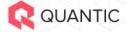# Quantic **MSSE** Class of February **2027** Cohort Schedule

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.

IMPORTANT DATES

Starting Date	• December 1, 2025
Winter Break	• Dec 22 2025 - Jan 4 2026
Capstone Kickoff	• October 5-11, 2026
Capstone Check-In	• November 9-15, 2026
Capstone Check-In	• December 7-13, 2026
Winter Break	• January 4-17, 2027
Capstone Project Presentation Due Date	• January 24, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• January 24, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• February 25, 2027

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

December 1, 2025 - February 8, 2026: Managing Software Engineering

Week 1: December 1, 2025	Getting Oriented to the Quantic MSSE
	Cultural Intelligence
Week 2: December 8, 2025	Managing Application Development
Week 3: December 15, 2025	User-Centered Design
Week 4: December 22, 2025	Winter Break
Week 5: December 29, 2025	Winter Break
Week 6: January 5, 2026	Cloud Foundations
Week 7: January 12, 2026	Professionalism and Ethics
Week 8: January 19, 2026	Managing Software Engineering Exam
	Last day to begin exam: January 25, 11:59 p.m. PT / UTC-7 hours
Week 9: January 26, 2026	Managing Software Engineering Project
Week 10: February 2, 2026	Managing Software Engineering Project Due
	Due by February 8, 11:59 p.m. PT / UTC-7 hours

February 9, 2026 - March 22, 2026: Web Application and Interface Design

Week 11: February 9, 2026	Web Application Foundations
Week 12: February 16, 2026	Interactive Web Pages
Week 13: February 23, 2026	Relational Databases
Week 14: March 2, 2026	Back Ends
Week 15: March 9, 2026	Web Application and Interface Design Exam
	Last day to begin exam: March 15, 11:59 p.m. PT / UTC-7 hours
Week 16: March 16, 2026	Web Application & Interface Design Presentation
	Due by March 22, 11:59 p.m. PT / UTC-7 hours

March 23, 2026 - May 17, 2026: Software Design and Architecture

Week 17: March 23, 2026	Design and UML
Week 18: March 30, 2026	Paradigms and Patterns
Week 19: April 6, 2026	Enterprise Architectures
Week 20: April 13, 2026	Cloud Services and Architectures
Week 21: April 20, 2026	Software Design and Architecture Exam
	Last day to begin exam: April 26, 11:59 p.m. PT / UTC-7 hours
Week 22: April 27, 2026	Software Design & Architecture Project
Week 23: May 4, 2026	Software Design & Architecture Project Due
	Due by May 10, 11:59 p.m. PT / UTC-7 hours
Week 24: May 11, 2026	Break Week

May 18, 2026 - June 14, 2026: Software Testing and CI/CD

Week 25: May 18, 2026	Introduction to Git and GitHub
	Software Testing
Week 26: May 25, 2026	CI/CD and Software Maintenance
Week 27: June 1, 2026	Performance Monitoring
Week 28: June 8, 2026	Software Testing and CI/CD Exam
	Last day to begin exam: June 14, 11:59 p.m. PT / UTC-7 hours

June 15, 2026 - July 12, 2026: Cloud Applications and Architectures

Week 29: June 15, 2026	AWS Academy Cloud Foundations
Week 30: June 22, 2026	Migrating an Existing Web Application I
	Migrating an Existing Web Application II
Week 31: June 29, 2026	Serverless Application Development I
	Serverless Application Development II
Week 32: July 6, 2026	Cloud Applications and Architectures Exam
	Last day to begin exam: July 12, 11:59 p.m. PT / UTC-7 hours

July 13, 2026 - August 30, 2026: Introduction to Machine Learning

Week 33: July 13, 2026	Introduction to Machine Learning
Week 34: July 20, 2026	Data Preprocessing
	Linear Algebra for Machine Learning
Week 35: July 27, 2026	Logistic Regression
	Decision Trees and Random Forests
Week 36: August 3, 2026	Clustering with Unsupervised Learning
	Introduction to Deep Learning
Week 37: August 10, 2026	Introduction to Machine Learning Exam
	Last day to begin exam: August 16, 11:59 p.m. PT / UTC-7 hours
Week 38: August 17, 2026	Introduction to Machine Learning Project
Week 39: August 24, 2026	Introduction to Machine Learning Project Due
	Due by August 30, 11:59 p.m. PT / UTC-7 hours

August 31, 2026 - October 11, 2026: Artificial Intelligence Engineering

Week 40: August 31, 2026	Adopting AI in Your Organization
Week 41: September 7, 2026	LLM-Based Apps
Week 42: September 14, 2026	Model Fine-Tuning
Week 43: September 21, 2026	Artificial Intelligence Engineering Exam
	Last day to begin exam: September 27, 11:59 p.m. PT / UTC-7 hours
Week 44: September 28, 2026	Artificial Intelligence Engineering Presentation
	Due by October 4, 11:59 p.m. PT / UTC-7 hours

Week 45: October 5, 2026   Capstone Kickoff

October 12, 2026 - November 15, 2026: Microservices Architectures

Week 46: October 12, 2026   Microservices I: Designing and Building
Week 47: October 19, 2026   Microservices II: Deploying and Testing
Week 48: October 26, 2026   Microservices III: Scaling and Kubernetes
Week 49: November 2, 2026   Microservices Architectures Exam
                                                     Last day to begin exam: November 8, 11:59 p.m. PT / UTC-7 hours
Week 50: November 9, 2026   Capstone Check-in Week

November 16, 2026 - January 17, 2027: Specialization Period I

Week 51: November 16, 2026   Specialization Period
Week 52: November 23, 2026   Specialization Period
Week 53: November 30, 2026   Specialization Period
Week 54: December 7, 2026   Capstone Check-in Week
Week 55: December 14, 2026   Specialization Period
Week 56: December 21, 2026   Specialization Period
Week 57: December 28, 2026   Specialization Period
Week 58: January 4, 2027   Winter Break
Week 59: January 11, 2027   Winter Break

January 18, 2027 - January 24, 2027: Capstone Project

Week 60: January 18, 2027   Capstone Project Due
                                                     Due by January 24, 11:59 p.m. PT / UTC-7 hours