Quantic **MSSE** Class of November **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	• August 31, 2026
Winter Break	• Dec 21 2026 - Jan 3 2027
Capstone Kickoff	• July 5-11, 2027
Capstone Check-In	• August 9-15, 2027
Capstone Check-In	• September 6-12, 2027
Capstone Project Presentation Due Date	• October 10, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• October 10, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• November 11, 2027

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

August 31, 2026 - October 25, 2026: Managing Software Engineering

Week 1: August 31, 2026 — Getting Oriented to the Quantic MSSE
Cultural Intelligence
Week 2: September 7, 2026 — Leading Software Development I
Leading Software Development II
Week 3: September 14, 2026 — User-Centered Design
Week 4: September 21, 2026 — Cloud Foundations
Week 5: September 28, 2026 — Professionalism and Ethics
Week 6: October 5, 2026 — Managing Software Engineering Exam
Last day to begin exam: October 11, 11:59 p.m. PT / UTC-7 hours
Week 7: October 12, 2026 — Managing Software Engineering Project
Week 8: October 19, 2026 — Managing Software Engineering Project Due
Due by October 25, 11:59 p.m. PT / UTC-7 hours

October 26, 2026 - December 6, 2026: Web Application and Interface Design

Week 9: October 26, 2026   Web Application Foundations

Week 10: November 2, 2026   Interactive Web Pages

Week 11: November 9, 2026   Relational Databases

Week 12: November 16, 2026   Back Ends

Week 13: November 23, 2026   Web Application and Interface Design Exam

    Last day to begin exam: November 29, 11:59 p.m. PT / UTC-7 hours

Week 14: November 30, 2026   Web Application & Interface Design Presentation

    Due by December 6, 11:59 p.m. PT / UTC-7 hours

December 7, 2026 - February 14, 2027: Software Design and Architecture

Week 15: December 7, 2026   Design and UML

Week 16: December 14, 2026   Paradigms and Patterns

Week 17: December 21, 2026   Winter Break

Week 18: December 28, 2026   Winter Break

Week 19: January 4, 2027   Enterprise Architectures

Week 20: January 11, 2027   Cloud Services and Architectures

Week 21: January 18, 2027   Software Design and Architecture Exam

    Last day to begin exam: January 24, 11:59 p.m. PT / UTC-7 hours

Week 22: January 25, 2027   Software Design & Architecture Project

Week 23: February 1, 2027   Software Design & Architecture Project Due

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

Week 24: February 8, 2027   Break Week

February 15, 2027 - March 14, 2027: Software Testing and CI/CD

Week 25: February 15, 2027   Introduction to Git and GitHub

    Software Testing

Week 26: February 22, 2027   CI/CD and Software Maintenance

Week 27: March 1, 2027   Performance Monitoring

Week 28: March 8, 2027   Software Testing and CI/CD Exam

    Last day to begin exam: March 14, 11:59 p.m. PT / UTC-7 hours

March 15, 2027 - April 11, 2027: Cloud Applications and Architectures

Week 29: March 15, 2027	AWS Academy Cloud Foundations
Week 30: March 22, 2027	Migrating an Existing Web Application I
	Migrating an Existing Web Application II
Week 31: March 29, 2027	Serverless Application Development I
	Serverless Application Development II
Week 32: April 5, 2027	Cloud Applications and Architectures Exam
	Last day to begin exam: April 11, 11:59 p.m. PT / UTC-7 hours

April 12, 2027 - May 30, 2027: Introduction to Machine Learning

Week 33: April 12, 2027	Introduction to Machine Learning
Week 34: April 19, 2027	Data Preprocessing
	Linear Algebra for Machine Learning
Week 35: April 26, 2027	Logistic Regression
	Decision Trees and Random Forests
Week 36: May 3, 2027	Clustering with Unsupervised Learning
	Introduction to Deep Learning
Week 37: May 10, 2027	Introduction to Machine Learning Exam
	Last day to begin exam: May 16, 11:59 p.m. PT / UTC-7 hours
Week 38: May 17, 2027	Introduction to Machine Learning Project
Week 39: May 24, 2027	Introduction to Machine Learning Project Due
	Due by May 30, 11:59 p.m. PT / UTC-7 hours

May 31, 2027 - July 11, 2027: Artificial Intelligence Engineering

Week 40: May 31, 2027	Adopting AI in Your Organization
Week 41: June 7, 2027	LLM-Based Apps
Week 42: June 14, 2027	Model Fine-Tuning
Week 43: June 21, 2027	Artificial Intelligence Engineering Exam
	Last day to begin exam: June 27, 11:59 p.m. PT / UTC-7 hours
Week 44: June 28, 2027	Artificial Intelligence Engineering Presentation
	Due by July 4, 11:59 p.m. PT / UTC-7 hours

Week 45: July 5, 2027   Capstone Kickoff

July 12, 2027 - August 15, 2027: Microservices Architectures

Week 46: July 12, 2027   Microservices I: Designing and Building
Week 47: July 19, 2027   Microservices II: Deploying and Testing
Week 48: July 26, 2027   Microservices III: Scaling and Kubernetes
Week 49: August 2, 2027   Microservices Architectures Exam
                                    Last day to begin exam: August 8, 11:59 p.m. PT / UTC-7 hours
Week 50: August 9, 2027   Capstone Check-in Week

August 16, 2027 - October 3, 2027: Specialization Period I

Week 51: August 16, 2027   Specialization Period
Week 52: August 23, 2027   Specialization Period
Week 53: August 30, 2027   Specialization Period
Week 54: September 6, 2027   Capstone Check-in Week
Week 55: September 13, 2027   Specialization Period
Week 56: September 20, 2027   Specialization Period
Week 57: September 27, 2027   Specialization Period

October 4, 2027 - October 10, 2027: Capstone Project

Week 58: October 4, 2027   Capstone Project Due
                                    Due by October 10, 11:59 p.m. PT / UTC-7 hours