

Quantic MSSE Class of December 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 December 2027 Cohort Schedule

IMPORTANT DATES

Starting Date	• October 12, 2026
Winter Break	• Dec 21 2026 - Jan 3 2027
Capstone Kickoff	• August 16-22, 2027
Capstone Check-In	• September 20-26, 2027
Capstone Check-In	• October 18-24, 2027
Capstone Project Presentation Due Date	• November 21, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• November 21, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• December 23, 2027

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

October 12, 2026 - December 6, 2026: Managing Software Engineering

Week 1: October 12, 2026	Getting Oriented to the Quantic MSSE Cultural Intelligence
Week 2: October 19, 2026	Leading Software Development I Leading Software Development II
Week 3: October 26, 2026	User-Centered Design
Week 4: November 2, 2026	Cloud Foundations
Week 5: November 9, 2026	Professionalism and Ethics
Week 6: November 16, 2026	Managing Software Engineering Exam Last day to begin exam: November 22, 11:59 p.m. PT / UTC-7 hours
Week 7: November 23, 2026	Managing Software Engineering Project
Week 8: November 30, 2026	Managing Software Engineering Project Due Due by December 6, 11:59 p.m. PT / UTC-7 hours



December 7, 2026 - January 31, 2027: Web Application and Interface Design

Week 9: December 7, 2026	Web Application Foundations
Week 10: December 14, 2026	Interactive Web Pages
Week 11: December 21, 2026	Winter Break
Week 12: December 28, 2026	Winter Break
Week 13: January 4, 2027	Relational Databases
Week 14: January 11, 2027	Back Ends
Week 15: January 18, 2027	Web Application and Interface Design Exam
	Last day to begin exam: January 24, 11:59 p.m. PT / UTC-7 hours
Week 16: January 25, 2027	Web Application & Interface Design Presentation
	Due by January 31, 11:59 p.m. PT / UTC-7 hours

February 1, 2027 - March 28, 2027: Software Design and Architecture

Week 17: February 1, 2027	Design and UML
Week 18: February 8, 2027	Paradigms and Patterns
Week 19: February 15, 2027	Enterprise Architectures
Week 20: February 22, 2027	Cloud Services and Architectures
Week 21: March 1, 2027	Software Design and Architecture Exam
	Last day to begin exam: March 7, 11:59 p.m. PT / UTC-7 hours
Week 22: March 8, 2027	Software Design & Architecture Project
Week 23: March 15, 2027	Software Design & Architecture Project Due
	Due by March 21, 11:59 p.m. PT / UTC-7 hours
Week 24: March 22, 2027	Break Week

March 29, 2027 - April 25, 2027: Software Testing and CI/CD

Week 25: March 29, 2027	Introduction to Git and GitHub
	Software Testing
Week 26: April 5, 2027	CI/CD and Software Maintenance
Week 27: April 12, 2027	Performance Monitoring
Week 28: April 19, 2027	Software Testing and CI/CD Exam
	Last day to begin exam: April 25, 11:59 p.m. PT / UTC-7 hours



April 26, 2027 - May 23, 2027: Cloud Applications and Architectures

Week 29: April 26, 2027	AWS Academy Cloud Foundations
Week 30: May 3, 2027	Migrating an Existing Web Application I Migrating an Existing Web Application II
Week 31: May 10, 2027	Serverless Application Development I Serverless Application Development II
Week 32: May 17, 2027	Cloud Applications and Architectures Exam Last day to begin exam: May 23, 11:59 p.m. PT / UTC-7 hours

May 24, 2027 - July 11, 2027: Introduction to Machine Learning

Week 33: May 24, 2027	Introduction to Machine Learning
Week 34: May 31, 2027	Data Preprocessing Linear Algebra for Machine Learning
Week 35: June 7, 2027	Logistic Regression Decision Trees and Random Forests
Week 36: June 14, 2027	Clustering with Unsupervised Learning Introduction to Deep Learning
Week 37: June 21, 2027	Introduction to Machine Learning Exam Last day to begin exam: June 27, 11:59 p.m. PT / UTC-7 hours
Week 38: June 28, 2027	Introduction to Machine Learning Project
Week 39: July 5, 2027	Introduction to Machine Learning Project Due Due by July 11, 11:59 p.m. PT / UTC-7 hours

July 12, 2027 - August 22, 2027: Artificial Intelligence Engineering

Week 40: July 12, 2027	Adopting AI in Your Organization
Week 41: July 19, 2027	LLM-Based Apps
Week 42: July 26, 2027	Model Fine-Tuning
Week 43: August 2, 2027	Artificial Intelligence Engineering Exam Last day to begin exam: August 8, 11:59 p.m. PT / UTC-7 hours
Week 44: August 9, 2027	Artificial Intelligence Engineering Presentation Due by August 15, 11:59 p.m. PT / UTC-7 hours



Week 45: August 16, 2027 Capstone Kickoff

August 23, 2027 - September 26, 2027: Microservices Architectures

Week 46: August 23, 2027 Microservices I: Designing and Building

Week 47: August 30, 2027 Microservices II: Deploying and Testing

Week 48: September 6, 2027 Microservices III: Scaling and Kubernetes

Week 49: September 13, 2027 Microservices Architectures Exam

Last day to begin exam: September 19, 11:59 p.m. PT / UTC-7 hours

Week 50: September 20, 2027 Capstone Check-in Week

September 27, 2027 - November 14, 2027: Specialization Period I

Week 51: September 27, 2027 Specialization Period

Week 52: October 4, 2027 Specialization Period

Week 53: October 11, 2027 Specialization Period

Week 54: October 18, 2027 Capstone Check-in Week

Week 55: October 25, 2027 Specialization Period

Week 56: November 1, 2027 Specialization Period

Week 57: November 8, 2027 Specialization Period

November 15, 2027 - November 21, 2027: Capstone Project

Week 58: November 15, 2027 Capstone Project Due

Due by November 21, 11:59 p.m. PT / UTC-7 hours