

Quantic MSSE Class of May 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 May 2027 Cohort Schedule

IMPORTANT DATES

Starting Date	• March 9, 2026
Winter Break	• Dec 21 2026 - Jan 3 2027
Capstone Kickoff	• January 11-17, 2027
Capstone Check-In	• February 15-21, 2027
Capstone Check-In	• March 15-21, 2027
Capstone Project Presentation Due Date	• April 18, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• April 18, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• May 20, 2027

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

March 9, 2026 - May 3, 2026: Managing Software Engineering

Week 1: March 9, 2026	Getting Oriented to the Quantic MSSE Cultural Intelligence
Week 2: March 16, 2026	Leading Software Development I Leading Software Development II
Week 3: March 23, 2026	User-Centered Design
Week 4: March 30, 2026	Cloud Foundations
Week 5: April 6, 2026	Professionalism and Ethics
Week 6: April 13, 2026	Managing Software Engineering Exam Last day to begin exam: April 19, 11:59 p.m. PT / UTC-7 hours
Week 7: April 20, 2026	Managing Software Engineering Project
Week 8: April 27, 2026	Managing Software Engineering Project Due Due by May 3, 11:59 p.m. PT / UTC-7 hours



May 4, 2026 - June 14, 2026: Web Application and Interface Design

Week 9: May 4, 2026	Web Application Foundations
Week 10: May 11, 2026	Interactive Web Pages
Week 11: May 18, 2026	Relational Databases
Week 12: May 25, 2026	Back Ends
Week 13: June 1, 2026	Web Application and Interface Design Exam
	Last day to begin exam: June 7, 11:59 p.m. PT / UTC-7 hours
Week 14: June 8, 2026	Web Application & Interface Design Presentation
	Due by June 14, 11:59 p.m. PT / UTC-7 hours

June 15, 2026 - August 9, 2026: Software Design and Architecture

Week 15: June 15, 2026	Design and UML
Week 16: June 22, 2026	Paradigms and Patterns
Week 17: June 29, 2026	Enterprise Architectures
Week 18: July 6, 2026	Cloud Services and Architectures
Week 19: July 13, 2026	Software Design and Architecture Exam
	Last day to begin exam: July 19, 11:59 p.m. PT / UTC-7 hours
Week 20: July 20, 2026	Software Design & Architecture Project
Week 21: July 27, 2026	Software Design & Architecture Project Due
	Due by August 2, 11:59 p.m. PT / UTC-7 hours
Week 22: August 3, 2026	Break Week

August 10, 2026 - September 6, 2026: Software Testing and CI/CD

Week 23: August 10, 2026	Introduction to Git and GitHub
	Software Testing
Week 24: August 17, 2026	CI/CD and Software Maintenance
Week 25: August 24, 2026	Performance Monitoring
Week 26: August 31, 2026	Software Testing and CI/CD Exam
	Last day to begin exam: September 6, 11:59 p.m. PT / UTC-7 hours



September 7, 2026 - October 4, 2026: Cloud Applications and Architectures

Week 27: September 7, 2026	AWS Academy Cloud Foundations
Week 28: September 14, 2026	Migrating an Existing Web Application I Migrating an Existing Web Application II
Week 29: September 21, 2026	Serverless Application Development I Serverless Application Development II
Week 30: September 28, 2026	Cloud Applications and Architectures Exam Last day to begin exam: October 4, 11:59 p.m. PT / UTC-7 hours

October 5, 2026 - November 22, 2026: Introduction to Machine Learning

Week 31: October 5, 2026	Introduction to Machine Learning
Week 32: October 12, 2026	Data Preprocessing Linear Algebra for Machine Learning
Week 33: October 19, 2026	Logistic Regression Decision Trees and Random Forests
Week 34: October 26, 2026	Clustering with Unsupervised Learning Introduction to Deep Learning
Week 35: November 2, 2026	Introduction to Machine Learning Exam Last day to begin exam: November 8, 11:59 p.m. PT / UTC-7 hours
Week 36: November 9, 2026	Introduction to Machine Learning Project
Week 37: November 16, 2026	Introduction to Machine Learning Project Due Due by November 22, 11:59 p.m. PT / UTC-7 hours

November 23, 2026 - January 17, 2027: Artificial Intelligence Engineering

Week 38: November 23, 2026	Adopting AI in Your Organization
Week 39: November 30, 2026	LLM-Based Apps
Week 40: December 7, 2026	Model Fine-Tuning
Week 41: December 14, 2026	Artificial Intelligence Engineering Exam Last day to begin exam: December 20, 11:59 p.m. PT / UTC-7 hours
Week 42: December 21, 2026	Winter Break
Week 43: December 28, 2026	Winter Break



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Week 44: January 4, 2027	Artificial Intelligence Engineering Presentation Due by January 10, 11:59 p.m. PT / UTC-7 hours
Week 45: January 11, 2027	Capstone Kickoff

January 18, 2027 - February 21, 2027: Microservices Architectures

Week 46: January 18, 2027	Microservices I: Designing and Building
Week 47: January 25, 2027	Microservices II: Deploying and Testing
Week 48: February 1, 2027	Microservices III: Scaling and Kubernetes
Week 49: February 8, 2027	Microservices Architectures Exam Last day to begin exam: February 14, 11:59 p.m. PT / UTC-7 hours
Week 50: February 15, 2027	Capstone Check-in Week

February 22, 2027 - April 11, 2027: Specialization Period I

Week 51: February 22, 2027	Specialization Period
Week 52: March 1, 2027	Specialization Period
Week 53: March 8, 2027	Specialization Period
Week 54: March 15, 2027	Capstone Check-in Week
Week 55: March 22, 2027	Specialization Period
Week 56: March 29, 2027	Specialization Period
Week 57: April 5, 2027	Specialization Period

April 12, 2027 - April 18, 2027: Capstone Project

Week 58: April 12, 2027	Capstone Project Due Due by April 18, 11:59 p.m. PT / UTC-7 hours
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