

Quantic MSSE Class of May 2028 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 2028 Cohort Schedule

IMPORTANT DATES

Starting Date	• March 8, 2027
Winter Break	• Dec 20 2027 - Jan 2 2028
Capstone Kickoff	• January 10-16, 2028
Capstone Check-In	• February 14-20, 2028
Capstone Check-In	• March 13-19, 2028
Capstone Project Presentation Due Date	• April 16, 2028 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• April 16, 2028 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• May 18, 2028

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

March 8, 2027 - May 2, 2027: Managing Software Engineering

Week 1: March 8, 2027	Getting Oriented to the Quantic MSSE Cultural Intelligence
Week 2: March 15, 2027	Leading Software Development I Leading Software Development II
Week 3: March 22, 2027	User-Centered Design
Week 4: March 29, 2027	Cloud Foundations
Week 5: April 5, 2027	Professionalism and Ethics
Week 6: April 12, 2027	Managing Software Engineering Exam Last day to begin exam: April 18, 11:59 p.m. PT / UTC-7 hours
Week 7: April 19, 2027	Managing Software Engineering Project
Week 8: April 26, 2027	Managing Software Engineering Project Due Due by May 2, 11:59 p.m. PT / UTC-7 hours



May 3, 2027 - June 13, 2027: Web Application and Interface Design

Week 9: May 3, 2027	Web Application Foundations
Week 10: May 10, 2027	Interactive Web Pages
Week 11: May 17, 2027	Relational Databases
Week 12: May 24, 2027	Back Ends
Week 13: May 31, 2027	Web Application and Interface Design Exam
	Last day to begin exam: June 6, 11:59 p.m. PT / UTC-7 hours
Week 14: June 7, 2027	Web Application & Interface Design Presentation
	Due by June 13, 11:59 p.m. PT / UTC-7 hours

June 14, 2027 - August 8, 2027: Software Design and Architecture

Week 15: June 14, 2027	Design and UML
Week 16: June 21, 2027	Paradigms and Patterns
Week 17: June 28, 2027	Enterprise Architectures
Week 18: July 5, 2027	Cloud Services and Architectures
Week 19: July 12, 2027	Software Design and Architecture Exam
	Last day to begin exam: July 18, 11:59 p.m. PT / UTC-7 hours
Week 20: July 19, 2027	Software Design & Architecture Project
Week 21: July 26, 2027	Software Design & Architecture Project Due
	Due by August 1, 11:59 p.m. PT / UTC-7 hours
Week 22: August 2, 2027	Break Week

August 9, 2027 - September 5, 2027: Software Testing and CI/CD

Week 23: August 9, 2027	Introduction to Git and GitHub
	Software Testing and Agentic Software Development
Week 24: August 16, 2027	CI/CD and Software Maintenance
Week 25: August 23, 2027	Performance Monitoring
Week 26: August 30, 2027	Software Testing and CI/CD Exam
	Last day to begin exam: September 5, 11:59 p.m. PT / UTC-7 hours



September 6, 2027 - October 3, 2027: Cloud Applications and Architectures

- Week 27: September 6, 2027** AWS Academy Cloud Foundations
- Week 28: September 13, 2027** Migrating an Existing Web Application I
Migrating an Existing Web Application II
- Week 29: September 20, 2027** Serverless Application Development I
Serverless Application Development II
- Week 30: September 27, 2027** Cloud Applications and Architectures Exam
Last day to begin exam: October 3, 11:59 p.m. PT / UTC-7 hours

October 4, 2027 - November 21, 2027: Introduction to Machine Learning

- Week 31: October 4, 2027** Introduction to Machine Learning
- Week 32: October 11, 2027** Data Preprocessing
Linear Algebra for Machine Learning
- Week 33: October 18, 2027** Logistic Regression
Decision Trees and Random Forests
- Week 34: October 25, 2027** Clustering with Unsupervised Learning
Introduction to Deep Learning
- Week 35: November 1, 2027** Introduction to Machine Learning Exam
Last day to begin exam: November 7, 11:59 p.m. PT / UTC-7 hours
- Week 36: November 8, 2027** Introduction to Machine Learning Project
- Week 37: November 15, 2027** Introduction to Machine Learning Project Due
Due by November 21, 11:59 p.m. PT / UTC-7 hours

November 22, 2027 - January 16, 2028: Artificial Intelligence Engineering

- Week 38: November 22, 2027** Adopting AI in Your Organization
- Week 39: November 29, 2027** LLM-Based Apps
- Week 40: December 6, 2027** Model Fine-Tuning
- Week 41: December 13, 2027** Artificial Intelligence Engineering Exam
Last day to begin exam: December 19, 11:59 p.m. PT / UTC-7 hours
- Week 42: December 20, 2027** Winter Break
- Week 43: December 27, 2027** Winter Break



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Week 44: January 3, 2028	Artificial Intelligence Engineering Presentation Due by January 9, 11:59 p.m. PT / UTC-7 hours
Week 45: January 10, 2028	Capstone Kickoff

January 17, 2028 - February 20, 2028: Microservices Architectures

Week 46: January 17, 2028	Microservices I: Designing and Building
Week 47: January 24, 2028	Microservices II: Deploying and Testing
Week 48: January 31, 2028	Microservices III: Scaling and Kubernetes
Week 49: February 7, 2028	Microservices Architectures Exam Last day to begin exam: February 13, 11:59 p.m. PT / UTC-7 hours
Week 50: February 14, 2028	Capstone Check-in Week

February 21, 2028 - April 9, 2028: Specialization Period I

Week 51: February 21, 2028	Specialization Period
Week 52: February 28, 2028	Specialization Period
Week 53: March 6, 2028	Specialization Period
Week 54: March 13, 2028	Capstone Check-in Week
Week 55: March 20, 2028	Specialization Period
Week 56: March 27, 2028	Specialization Period
Week 57: April 3, 2028	Specialization Period

April 10, 2028 - April 16, 2028: Capstone Project

Week 58: April 10, 2028	Capstone Project Due Due by April 16, 11:59 p.m. PT / UTC-7 hours
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