

Quantic MSSE Class of March 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 March 2028 Cohort Schedule

IMPORTANT DATES

Starting Date	• January 4, 2027
Capstone Kickoff	• October 25-31, 2027
Capstone Check-In	• Nov 29 2027 - Dec 5 2027
Winter Break	• Dec 20 2027 - Jan 2 2028
Capstone Check-In	• January 10-16, 2028
Capstone Project Presentation Due Date	• February 13, 2028 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• February 13, 2028 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• March 16, 2028

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

January 4, 2027 - February 28, 2027: Managing Software Engineering

Week 1: January 4, 2027	Getting Oriented to the Quantic MSSE Cultural Intelligence
Week 2: January 11, 2027	Leading Software Development I Leading Software Development II
Week 3: January 18, 2027	User-Centered Design
Week 4: January 25, 2027	Cloud Foundations
Week 5: February 1, 2027	Professionalism and Ethics
Week 6: February 8, 2027	Managing Software Engineering Exam Last day to begin exam: February 14, 11:59 p.m. PT / UTC-7 hours
Week 7: February 15, 2027	Managing Software Engineering Project
Week 8: February 22, 2027	Managing Software Engineering Project Due Due by February 28, 11:59 p.m. PT / UTC-7 hours



March 1, 2027 - April 11, 2027: Web Application and Interface Design

Week 9: March 1, 2027	Web Application Foundations
Week 10: March 8, 2027	Interactive Web Pages
Week 11: March 15, 2027	Relational Databases
Week 12: March 22, 2027	Back Ends
Week 13: March 29, 2027	Web Application and Interface Design Exam
	Last day to begin exam: April 4, 11:59 p.m. PT / UTC-7 hours
Week 14: April 5, 2027	Web Application & Interface Design Presentation
	Due by April 11, 11:59 p.m. PT / UTC-7 hours

April 12, 2027 - June 6, 2027: Software Design and Architecture

Week 15: April 12, 2027	Design and UML
Week 16: April 19, 2027	Paradigms and Patterns
Week 17: April 26, 2027	Enterprise Architectures
Week 18: May 3, 2027	Cloud Services and Architectures
Week 19: May 10, 2027	Software Design and Architecture Exam
	Last day to begin exam: May 16, 11:59 p.m. PT / UTC-7 hours
Week 20: May 17, 2027	Software Design & Architecture Project
Week 21: May 24, 2027	Software Design & Architecture Project Due
	Due by May 30, 11:59 p.m. PT / UTC-7 hours
Week 22: May 31, 2027	Break Week

June 7, 2027 - July 4, 2027: Software Testing and CI/CD

Week 23: June 7, 2027	Introduction to Git and GitHub
	Software Testing and Agentic Software Development
Week 24: June 14, 2027	CI/CD and Software Maintenance
Week 25: June 21, 2027	Performance Monitoring
Week 26: June 28, 2027	Software Testing and CI/CD Exam
	Last day to begin exam: July 4, 11:59 p.m. PT / UTC-7 hours



July 5, 2027 - August 1, 2027: Cloud Applications and Architectures

Week 27: July 5, 2027	AWS Academy Cloud Foundations
Week 28: July 12, 2027	Migrating an Existing Web Application I Migrating an Existing Web Application II
Week 29: July 19, 2027	Serverless Application Development I Serverless Application Development II
Week 30: July 26, 2027	Cloud Applications and Architectures Exam Last day to begin exam: August 1, 11:59 p.m. PT / UTC-7 hours

August 2, 2027 - September 19, 2027: Introduction to Machine Learning

Week 31: August 2, 2027	Introduction to Machine Learning
Week 32: August 9, 2027	Data Preprocessing Linear Algebra for Machine Learning
Week 33: August 16, 2027	Logistic Regression Decision Trees and Random Forests
Week 34: August 23, 2027	Clustering with Unsupervised Learning Introduction to Deep Learning
Week 35: August 30, 2027	Introduction to Machine Learning Exam Last day to begin exam: September 5, 11:59 p.m. PT / UTC-7 hours
Week 36: September 6, 2027	Introduction to Machine Learning Project
Week 37: September 13, 2027	Introduction to Machine Learning Project Due Due by September 19, 11:59 p.m. PT / UTC-7 hours

September 20, 2027 - October 31, 2027: Artificial Intelligence Engineering

Week 38: September 20, 2027	Adopting AI in Your Organization
Week 39: September 27, 2027	LLM-Based Apps
Week 40: October 4, 2027	Model Fine-Tuning
Week 41: October 11, 2027	Artificial Intelligence Engineering Exam Last day to begin exam: October 17, 11:59 p.m. PT / UTC-7 hours
Week 42: October 18, 2027	Artificial Intelligence Engineering Presentation Due by October 24, 11:59 p.m. PT / UTC-7 hours



Week 43: October 25, 2027 Capstone Kickoff

November 1, 2027 - December 5, 2027: Microservices Architectures

Week 44: November 1, 2027 Microservices I: Designing and Building

Week 45: November 8, 2027 Microservices II: Deploying and Testing

Week 46: November 15, 2027 Microservices III: Scaling and Kubernetes

Week 47: November 22, 2027 Microservices Architectures Exam

Last day to begin exam: November 28, 11:59 p.m. PT / UTC-7 hours

Week 48: November 29, 2027 Capstone Check-in Week

December 6, 2027 - February 6, 2028: Specialization Period I

Week 49: December 6, 2027 Specialization Period

Week 50: December 13, 2027 Specialization Period

Week 51: December 20, 2027 Winter Break

Week 52: December 27, 2027 Winter Break

Week 53: January 3, 2028 Specialization Period

Week 54: January 10, 2028 Capstone Check-in Week

Week 55: January 17, 2028 Specialization Period

Week 56: January 24, 2028 Specialization Period

Week 57: January 31, 2028 Specialization Period

February 7, 2028 - February 13, 2028: Capstone Project

Week 58: February 7, 2028 Capstone Project Due

Due by February 13, 11:59 p.m. PT / UTC-7 hours