Quantic **MSSE** Class of August **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	• June 8, 2026
Winter Break	• Dec 21 2026 - Jan 3 2027
Capstone Kickoff	• April 12-18, 2027
Capstone Check-In	• May 17-23, 2027
Capstone Check-In	• June 14-20, 2027
Capstone Project Presentation Due Date	• July 18, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• July 18, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• August 19, 2027

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

June 8, 2026 - August 2, 2026: Managing Software Engineering

Week 1: June 8, 2026	Getting Oriented to the Quantic MSSE
	Cultural Intelligence
Week 2: June 15, 2026	Leading Software Development I
	Leading Software Development II
Week 3: June 22, 2026	User-Centered Design
Week 4: June 29, 2026	Cloud Foundations
Week 5: July 6, 2026	Professionalism and Ethics
Week 6: July 13, 2026	Managing Software Engineering Exam
	Last day to begin exam: July 19, 11:59 p.m. PT / UTC-7 hours
Week 7: July 20, 2026	Managing Software Engineering Project
Week 8: July 27, 2026	Managing Software Engineering Project Due
	Due by August 2, 11:59 p.m. PT / UTC-7 hours

August 3, 2026 - September 13, 2026: Web Application and Interface Design

Week 9: August 3, 2026 — Web Application Foundations
Week 10: August 10, 2026 — Interactive Web Pages
Week 11: August 17, 2026 — Relational Databases
Week 12: August 24, 2026 — Back Ends
Week 13: August 31, 2026 — Web Application and Interface Design Exam
Last day to begin exam: September 6, 11:59 p.m. PT / UTC-7 hours
Week 14: September 7, 2026 — Web Application & Interface Design Presentation
Due by September 13, 11:59 p.m. PT / UTC-7 hours

September 14, 2026 - November 8, 2026: Software Design and Architecture

Week 15: September 14, 2026 — Design and UML
Week 16: September 21, 2026 — Paradigms and Patterns
Week 17: September 28, 2026 — Enterprise Architectures
Week 18: October 5, 2026 — Cloud Services and Architectures
Week 19: October 12, 2026 — Software Design and Architecture Exam
Last day to begin exam: October 18, 11:59 p.m. PT / UTC-7 hours
Week 20: October 19, 2026 — Software Design & Architecture Project
Week 21: October 26, 2026 — Software Design & Architecture Project Due
Due by November 1, 11:59 p.m. PT / UTC-7 hours
Week 22: November 2, 2026 — Break Week

November 9, 2026 - December 6, 2026: Software Testing and CI/CD

Week 23: November 9, 2026 — Introduction to Git and GitHub
Software Testing
Week 24: November 16, 2026 — CI/CD and Software Maintenance
Week 25: November 23, 2026 — Performance Monitoring
Week 26: November 30, 2026 — Software Testing and CI/CD Exam
Last day to begin exam: December 6, 11:59 p.m. PT / UTC-7 hours

December 7, 2026 - January 17, 2027: Cloud Applications and Architectures

Week 27: December 7, 2026   AWS Academy Cloud Foundations

Week 28: December 14, 2026   Migrating an Existing Web Application I

Migrating an Existing Web Application II

Week 29: December 21, 2026   Winter Break

Week 30: December 28, 2026   Winter Break

Week 31: January 4, 2027   Serverless Application Development I

Serverless Application Development II

Week 32: January 11, 2027   Cloud Applications and Architectures Exam

Last day to begin exam: January 17, 11:59 p.m. PT / UTC-7 hours

January 18, 2027 - March 7, 2027: Introduction to Machine Learning

Week 33: January 18, 2027   Introduction to Machine Learning

Week 34: January 25, 2027   Data Preprocessing

Linear Algebra for Machine Learning

Week 35: February 1, 2027   Logistic Regression

Decision Trees and Random Forests

Week 36: February 8, 2027   Clustering with Unsupervised Learning

Introduction to Deep Learning

Week 37: February 15, 2027   Introduction to Machine Learning Exam

Last day to begin exam: February 21, 11:59 p.m. PT / UTC-7 hours

Week 38: February 22, 2027   Introduction to Machine Learning Project

Week 39: March 1, 2027   Introduction to Machine Learning Project Due

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

March 8, 2027 - April 18, 2027: Artificial Intelligence Engineering

Week 40: March 8, 2027   Adopting AI in Your Organization

Week 41: March 15, 2027   LLM-Based Apps

Week 42: March 22, 2027   Model Fine-Tuning

Week 43: March 29, 2027   Artificial Intelligence Engineering Exam

Last day to begin exam: April 4, 11:59 p.m. PT / UTC-7 hours

Week 44: April 5, 2027   Artificial Intelligence Engineering Presentation
Due by April 11, 11:59 p.m. PT / UTC-7 hours

Week 45: April 12, 2027   Capstone Kickoff

April 19, 2027 - May 23, 2027: Microservices Architectures

Week 46: April 19, 2027   Microservices I: Designing and Building

Week 47: April 26, 2027   Microservices II: Deploying and Testing

Week 48: May 3, 2027   Microservices III: Scaling and Kubernetes

Week 49: May 10, 2027   Microservices Architectures Exam
Last day to begin exam: May 16, 11:59 p.m. PT / UTC-7 hours

Week 50: May 17, 2027   Capstone Check-in Week

May 24, 2027 - July 11, 2027: Specialization Period I

Week 51: May 24, 2027   Specialization Period

Week 52: May 31, 2027   Specialization Period

Week 53: June 7, 2027   Specialization Period

Week 54: June 14, 2027   Capstone Check-in Week

Week 55: June 21, 2027   Specialization Period

Week 56: June 28, 2027   Specialization Period

Week 57: July 5, 2027   Specialization Period

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

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