Quantic **MSAIE** 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.

MSAIE 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 AI Engineering

Week 1: March 9, 2026 — Getting Oriented to the Quantic MSAIE
Cultural Intelligence

Week 2: March 16, 2026 — AI-Assisted Software Development
Managing AI Application Development I

Week 3: March 23, 2026 — Managing AI Application Development II
User-Centered Design

Week 4: March 30, 2026 — Cloud Foundations

Week 5: April 6, 2026 — Professionalism and Ethics

Week 6: April 13, 2026 — Managing AI Engineering Exam
Last day to begin exam: April 19, 11:59 p.m. PT / UTC-7 hours

Week 7: April 20, 2026 — Managing AI Engineering Project

Week 8: April 27, 2026 — Managing AI Engineering Project Due
Due by May 3, 11:59 p.m. PT / UTC-7 hours

May 4, 2026 - June 7, 2026: Web Application and Interface Design

Week 9: May 4, 2026	Web Application Foundations
	Interactive Web Pages
Week 10: May 11, 2026	Relational Databases
Week 11: May 18, 2026	Back Ends
Week 12: May 25, 2026	Web Application and Interface Design Exam
	Last day to begin exam: May 31, 11:59 p.m. PT / UTC-7 hours
Week 13: June 1, 2026	Web Application & Interface Design Presentation
	Due by June 7, 11:59 p.m. PT / UTC-7 hours

June 8, 2026 - July 5, 2026: Software Testing and CI/CD

Week 14: June 8, 2026	Introduction to Git and GitHub
	Software Testing
Week 15: June 15, 2026	CI/CD and Software Maintenance
Week 16: June 22, 2026	Performance Monitoring
Week 17: June 29, 2026	Software Testing and CI/CD Exam
	Last day to begin exam: July 5, 11:59 p.m. PT / UTC-7 hours

July 6, 2026 - August 23, 2026: AI Engineering Techniques and Architectures

Week 18: July 6, 2026	Prompt Engineering
Week 19: July 13, 2026	Adopting AI in Your Organization
Week 20: July 20, 2026	LLM-Based Apps
	AI Agents
Week 21: July 27, 2026	AI Engineering Techniques and Architectures Exam
	Last day to begin exam: August 2, 11:59 p.m. PT / UTC-7 hours
Week 22: August 3, 2026	AI Engineering Techniques & Architectures Project
Week 23: August 10, 2026	AI Engineering Techniques & Architectures Project Due
	Due by August 16, 11:59 p.m. PT / UTC-7 hours
Week 24: August 17, 2026	Break Week

August 24, 2026 - September 27, 2026: Software Design and Architecture

Week 25: August 24, 2026   Design and UML
Week 26: August 31, 2026   Paradigms and Patterns
Week 27: September 7, 2026   Enterprise Architectures
Week 28: September 14, 2026 Cloud Services and Architectures
Week 29: September 21, 2026 Software Design and Architecture Exam
                                 Last day to begin exam: September 27, 11:59 p.m. PT / UTC-7 hours

September 28, 2026 - November 22, 2026: Machine Learning to AI Model Fine-Tuning

Week 30: September 28, 2026 Introduction to Machine Learning
Week 31: October 5, 2026   Data Preprocessing
                                 Linear Algebra for Machine Learning
Week 32: October 12, 2026   Logistic Regression
                                 Decision Trees and Random Forests
Week 33: October 19, 2026   Clustering with Unsupervised Learning
                                 Introduction to Deep Learning
Week 34: October 26, 2026   AI Model Fine-Tuning
Week 35: November 2, 2026   Machine Learning to AI Model Fine-Tuning
                                 Last day to begin exam: November 8, 11:59 p.m. PT / UTC-7 hours
Week 36: November 9, 2026   Machine Learning to AI Model Fine-Tuning Project
Week 37: November 16, 2026   Machine Learning to AI Model Fine-Tuning Project Due
                                 Due by November 22, 11:59 p.m. PT / UTC-7 hours

November 23, 2026 - January 17, 2027: AI and Organizational Transformation

Week 38: November 23, 2026 AI and Business Transformation
Week 39: November 30, 2026 AI Leadership and Management
Week 40: December 7, 2026   AI and Augmented Productivity
Week 41: December 14, 2026 AI and Organizational Transformation 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

Week 44: January 4, 2027   AI and Organizational Transformation 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