

Quantic MSAIE Class of December 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 December 2027 Cohort Schedule

IMPORTANT DATES

Starting Date	• October 12, 2026
Winter Break	• Dec 21 2026 - Jan 3 2027
Capstone Kickoff	• August 16-22, 2027
Capstone Check-In	• September 20-26, 2027
Capstone Check-In	• October 18-24, 2027
Capstone Project Presentation Due Date	• November 21, 2027 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• November 21, 2027 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• December 23, 2027

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

October 12, 2026 - December 6, 2026: Managing AI Engineering

Week 1: October 12, 2026	Getting Oriented to the Quantic MSAIE Cultural Intelligence
Week 2: October 19, 2026	AI-Assisted Software Development Managing AI Application Development I
Week 3: October 26, 2026	Managing AI Application Development II User-Centered Design
Week 4: November 2, 2026	Cloud Foundations
Week 5: November 9, 2026	Professionalism and Ethics
Week 6: November 16, 2026	Managing AI Engineering Exam Last day to begin exam: November 22, 11:59 p.m. PT / UTC-7 hours
Week 7: November 23, 2026	Managing AI Engineering Project
Week 8: November 30, 2026	Managing AI Engineering Project Due Due by December 6, 11:59 p.m. PT / UTC-7 hours



December 7, 2026 - January 24, 2027: Web Application and Interface Design

Week 9: December 7, 2026	Web Application Foundations Interactive Web Pages
Week 10: December 14, 2026	Relational Databases
Week 11: December 21, 2026	Winter Break
Week 12: December 28, 2026	Winter Break
Week 13: January 4, 2027	Back Ends
Week 14: January 11, 2027	Web Application and Interface Design Exam Last day to begin exam: January 17, 11:59 p.m. PT / UTC-7 hours
Week 15: January 18, 2027	Web Application & Interface Design Presentation Due by January 24, 11:59 p.m. PT / UTC-7 hours

January 25, 2027 - February 21, 2027: Software Testing and CI/CD

Week 16: January 25, 2027	Introduction to Git and GitHub Software Testing
Week 17: February 1, 2027	CI/CD and Software Maintenance
Week 18: February 8, 2027	Performance Monitoring
Week 19: February 15, 2027	Software Testing and CI/CD Exam Last day to begin exam: February 21, 11:59 p.m. PT / UTC-7 hours

February 22, 2027 - April 11, 2027: AI Engineering Techniques and Architectures

Week 20: February 22, 2027	Prompt Engineering
Week 21: March 1, 2027	Adopting AI in Your Organization
Week 22: March 8, 2027	LLM-Based Apps AI Agents
Week 23: March 15, 2027	AI Engineering Techniques and Architectures Exam Last day to begin exam: March 21, 11:59 p.m. PT / UTC-7 hours
Week 24: March 22, 2027	AI Engineering Techniques & Architectures Project
Week 25: March 29, 2027	AI Engineering Techniques & Architectures Project Due Due by April 4, 11:59 p.m. PT / UTC-7 hours



Week 26: April 5, 2027 Break Week

April 12, 2027 - May 16, 2027: Software Design and Architecture

Week 27: April 12, 2027 Design and UML
Week 28: April 19, 2027 Paradigms and Patterns
Week 29: April 26, 2027 Enterprise Architectures
Week 30: May 3, 2027 Cloud Services and Architectures
Week 31: May 10, 2027 Software Design and Architecture Exam
Last day to begin exam: May 16, 11:59 p.m. PT / UTC-7 hours

May 17, 2027 - July 11, 2027: Machine Learning to AI Model Fine-Tuning

Week 32: May 17, 2027 Introduction to Machine Learning
Week 33: May 24, 2027 Data Preprocessing
Linear Algebra for Machine Learning
Week 34: May 31, 2027 Logistic Regression
Decision Trees and Random Forests
Week 35: June 7, 2027 Clustering with Unsupervised Learning
Introduction to Deep Learning
Week 36: June 14, 2027 AI Model Fine-Tuning
Week 37: June 21, 2027 Machine Learning to AI Model Fine-Tuning
Last day to begin exam: June 27, 11:59 p.m. PT / UTC-7 hours
Week 38: June 28, 2027 Machine Learning to AI Model Fine-Tuning Project
Week 39: July 5, 2027 Machine Learning to AI Model Fine-Tuning Project Due
Due by July 11, 11:59 p.m. PT / UTC-7 hours

July 12, 2027 - August 22, 2027: AI and Organizational Transformation

Week 40: July 12, 2027 AI and Business Transformation
Week 41: July 19, 2027 AI Leadership and Management
Week 42: July 26, 2027 AI and Augmented Productivity
Week 43: August 2, 2027 AI and Organizational Transformation Exam
Last day to begin exam: August 8, 11:59 p.m. PT / UTC-7 hours



Week 44: August 9, 2027 AI and Organizational Transformation Presentation
Due by August 15, 11:59 p.m. PT / UTC-7 hours

Week 45: August 16, 2027 Capstone Kickoff

August 23, 2027 - September 26, 2027: Microservices Architectures

Week 46: August 23, 2027 Microservices I: Designing and Building

Week 47: August 30, 2027 Microservices II: Deploying and Testing

Week 48: September 6, 2027 Microservices III: Scaling and Kubernetes

Week 49: September 13, 2027 Microservices Architectures Exam

Last day to begin exam: September 19, 11:59 p.m. PT / UTC-7 hours

Week 50: September 20, 2027 Capstone Check-in Week

September 27, 2027 - November 14, 2027: Specialization Period I

Week 51: September 27, 2027 Specialization Period

Week 52: October 4, 2027 Specialization Period

Week 53: October 11, 2027 Specialization Period

Week 54: October 18, 2027 Capstone Check-in Week

Week 55: October 25, 2027 Specialization Period

Week 56: November 1, 2027 Specialization Period

Week 57: November 8, 2027 Specialization Period

November 15, 2027 - November 21, 2027: Capstone Project

Week 58: November 15, 2027 Capstone Project Due
Due by November 21, 11:59 p.m. PT / UTC-7 hours