

Quantic MSAIE 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](#).



MSAIE Class of August 2027 Cohort Schedule

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 AI Engineering

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



August 3, 2026 - September 6, 2026: Web Application and Interface Design

Week 9: August 3, 2026	Web Application Foundations Interactive Web Pages
Week 10: August 10, 2026	Relational Databases
Week 11: August 17, 2026	Back Ends
Week 12: August 24, 2026	Web Application and Interface Design Exam Last day to begin exam: August 30, 11:59 p.m. PT / UTC-7 hours
Week 13: August 31, 2026	Web Application & Interface Design Presentation Due by September 6, 11:59 p.m. PT / UTC-7 hours

September 7, 2026 - October 4, 2026: Software Testing and CI/CD

Week 14: September 7, 2026	Introduction to Git and GitHub Software Testing
Week 15: September 14, 2026	CI/CD and Software Maintenance
Week 16: September 21, 2026	Performance Monitoring
Week 17: September 28, 2026	Software Testing and CI/CD Exam Last day to begin exam: October 4, 11:59 p.m. PT / UTC-7 hours

October 5, 2026 - November 22, 2026: AI Engineering Techniques and Architectures

Week 18: October 5, 2026	Prompt Engineering
Week 19: October 12, 2026	Adopting AI in Your Organization
Week 20: October 19, 2026	LLM-Based Apps AI Agents
Week 21: October 26, 2026	AI Engineering Techniques and Architectures Exam Last day to begin exam: November 1, 11:59 p.m. PT / UTC-7 hours
Week 22: November 2, 2026	AI Engineering Techniques & Architectures Project
Week 23: November 9, 2026	AI Engineering Techniques & Architectures Project Due Due by November 15, 11:59 p.m. PT / UTC-7 hours
Week 24: November 16, 2026	Break Week



November 23, 2026 - January 10, 2027: Software Design and Architecture

Week 25: November 23, 2026	Design and UML
Week 26: November 30, 2026	Paradigms and Patterns
Week 27: December 7, 2026	Enterprise Architectures
Week 28: December 14, 2026	Cloud Services and Architectures
Week 29: December 21, 2026	Winter Break
Week 30: December 28, 2026	Winter Break
Week 31: January 4, 2027	Software Design and Architecture Exam
Last day to begin exam: January 10, 11:59 p.m. PT / UTC-7 hours	

January 11, 2027 - March 7, 2027: Machine Learning to AI Model Fine-Tuning

Week 32: January 11, 2027	Introduction to Machine Learning
Week 33: January 18, 2027	Data Preprocessing
	Linear Algebra for Machine Learning
Week 34: January 25, 2027	Logistic Regression
	Decision Trees and Random Forests
Week 35: February 1, 2027	Clustering with Unsupervised Learning
	Introduction to Deep Learning
Week 36: February 8, 2027	AI Model Fine-Tuning
Week 37: February 15, 2027	Machine Learning to AI Model Fine-Tuning
Last day to begin exam: February 21, 11:59 p.m. PT / UTC-7 hours	
Week 38: February 22, 2027	Machine Learning to AI Model Fine-Tuning Project
Week 39: March 1, 2027	Machine Learning to AI Model Fine-Tuning Project Due
Due by March 7, 11:59 p.m. PT / UTC-7 hours	

March 8, 2027 - April 18, 2027: AI and Organizational Transformation

Week 40: March 8, 2027	AI and Business Transformation
Week 41: March 15, 2027	AI Leadership and Management
Week 42: March 22, 2027	AI and Augmented Productivity
Week 43: March 29, 2027	AI and Organizational Transformation Exam
Last day to begin exam: April 4, 11:59 p.m. PT / UTC-7 hours	



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Week 44: April 5, 2027

AI and Organizational Transformation 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