

Quantic MSAIE 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](#).



MSAIE 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 AI Engineering

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



March 1, 2027 - April 4, 2027: Web Application and Interface Design

Week 9: March 1, 2027	Web Application Foundations Interactive Web Pages
Week 10: March 8, 2027	Relational Databases
Week 11: March 15, 2027	Back Ends
Week 12: March 22, 2027	Web Application and Interface Design Exam Last day to begin exam: March 28, 11:59 p.m. PT / UTC-7 hours
Week 13: March 29, 2027	Web Application & Interface Design Presentation Due by April 4, 11:59 p.m. PT / UTC-7 hours

April 5, 2027 - May 2, 2027: Software Testing and CI/CD

Week 14: April 5, 2027	Introduction to Git and GitHub Software Testing and Agentic Software Development
Week 15: April 12, 2027	CI/CD and Software Maintenance
Week 16: April 19, 2027	Performance Monitoring
Week 17: April 26, 2027	Software Testing and CI/CD Exam Last day to begin exam: May 2, 11:59 p.m. PT / UTC-7 hours

May 3, 2027 - June 20, 2027: AI Engineering Techniques and Architectures

Week 18: May 3, 2027	Prompt Engineering
Week 19: May 10, 2027	Adopting AI in Your Organization
Week 20: May 17, 2027	LLM-Based Apps AI Agents
Week 21: May 24, 2027	AI Engineering Techniques and Architectures Exam Last day to begin exam: May 30, 11:59 p.m. PT / UTC-7 hours
Week 22: May 31, 2027	AI Engineering Techniques & Architectures Project
Week 23: June 7, 2027	AI Engineering Techniques & Architectures Project Due Due by June 13, 11:59 p.m. PT / UTC-7 hours
Week 24: June 14, 2027	Break Week



June 21, 2027 - July 25, 2027: Software Design and Architecture

Week 25: June 21, 2027	Design and UML
Week 26: June 28, 2027	Paradigms and Patterns
Week 27: July 5, 2027	Enterprise Architectures
Week 28: July 12, 2027	Cloud Services and Architectures
Week 29: July 19, 2027	Software Design and Architecture Exam
Last day to begin exam: July 25, 11:59 p.m. PT / UTC-7 hours	

July 26, 2027 - September 19, 2027: Machine Learning to AI Model Fine-Tuning

Week 30: July 26, 2027	Introduction to Machine Learning
Week 31: August 2, 2027	Data Preprocessing
	Linear Algebra for Machine Learning
Week 32: August 9, 2027	Logistic Regression
	Decision Trees and Random Forests
Week 33: August 16, 2027	Clustering with Unsupervised Learning
	Introduction to Deep Learning
Week 34: August 23, 2027	AI Model Fine-Tuning
Week 35: August 30, 2027	Machine Learning to AI Model Fine-Tuning
Last day to begin exam: September 5, 11:59 p.m. PT / UTC-7 hours	
Week 36: September 6, 2027	Machine Learning to AI Model Fine-Tuning Project
Week 37: September 13, 2027	Machine Learning to AI Model Fine-Tuning Project Due
Due by September 19, 11:59 p.m. PT / UTC-7 hours	

September 20, 2027 - October 31, 2027: AI and Organizational Transformation

Week 38: September 20, 2027	AI and Business Transformation
Week 39: September 27, 2027	AI Leadership and Management
Week 40: October 4, 2027	AI and Augmented Productivity
Week 41: October 11, 2027	AI and Organizational Transformation Exam
Last day to begin exam: October 17, 11:59 p.m. PT / UTC-7 hours	



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Week 42: October 18, 2027 AI and Organizational Transformation 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