

Quantic MSAIE Class of May 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 May 2028 Cohort Schedule

IMPORTANT DATES

Starting Date	• March 8, 2027
Winter Break	• Dec 20 2027 - Jan 2 2028
Capstone Kickoff	• January 10-16, 2028
Capstone Check-In	• February 14-20, 2028
Capstone Check-In	• March 13-19, 2028
Capstone Project Presentation Due Date	• April 16, 2028 by 11:59 p.m. PDT / UTC-7 hours
Capstone Project Written Portion Due Date	• April 16, 2028 by 11:59 p.m. PDT / UTC-7 hours
Anticipated Graduation Date	• May 18, 2028

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

March 8, 2027 - May 2, 2027: Managing AI Engineering

Week 1: March 8, 2027	Getting Oriented to the Quantic MSAIE Cultural Intelligence
Week 2: March 15, 2027	AI-Assisted Software Development Managing AI Application Development I
Week 3: March 22, 2027	Managing AI Application Development II User-Centered Design
Week 4: March 29, 2027	Cloud Foundations
Week 5: April 5, 2027	Professionalism and Ethics
Week 6: April 12, 2027	Managing AI Engineering Exam Last day to begin exam: April 18, 11:59 p.m. PT / UTC-7 hours
Week 7: April 19, 2027	Managing AI Engineering Project
Week 8: April 26, 2027	Managing AI Engineering Project Due Due by May 2, 11:59 p.m. PT / UTC-7 hours



May 3, 2027 - June 6, 2027: Web Application and Interface Design

Week 9: May 3, 2027	Web Application Foundations Interactive Web Pages
Week 10: May 10, 2027	Relational Databases
Week 11: May 17, 2027	Back Ends
Week 12: May 24, 2027	Web Application and Interface Design Exam Last day to begin exam: May 30, 11:59 p.m. PT / UTC-7 hours
Week 13: May 31, 2027	Web Application & Interface Design Presentation Due by June 6, 11:59 p.m. PT / UTC-7 hours

June 7, 2027 - July 4, 2027: Software Testing and CI/CD

Week 14: June 7, 2027	Introduction to Git and GitHub Software Testing and Agentic Software Development
Week 15: June 14, 2027	CI/CD and Software Maintenance
Week 16: June 21, 2027	Performance Monitoring
Week 17: June 28, 2027	Software Testing and CI/CD Exam Last day to begin exam: July 4, 11:59 p.m. PT / UTC-7 hours

July 5, 2027 - August 22, 2027: AI Engineering Techniques and Architectures

Week 18: July 5, 2027	Prompt Engineering
Week 19: July 12, 2027	Adopting AI in Your Organization
Week 20: July 19, 2027	LLM-Based Apps AI Agents
Week 21: July 26, 2027	AI Engineering Techniques and Architectures Exam Last day to begin exam: August 1, 11:59 p.m. PT / UTC-7 hours
Week 22: August 2, 2027	AI Engineering Techniques & Architectures Project
Week 23: August 9, 2027	AI Engineering Techniques & Architectures Project Due Due by August 15, 11:59 p.m. PT / UTC-7 hours
Week 24: August 16, 2027	Break Week



August 23, 2027 - September 26, 2027: Software Design and Architecture

Week 25: August 23, 2027	Design and UML
Week 26: August 30, 2027	Paradigms and Patterns
Week 27: September 6, 2027	Enterprise Architectures
Week 28: September 13, 2027	Cloud Services and Architectures
Week 29: September 20, 2027	Software Design and Architecture Exam
Last day to begin exam: September 26, 11:59 p.m. PT / UTC-7 hours	

September 27, 2027 - November 21, 2027: Machine Learning to AI Model Fine-Tuning

Week 30: September 27, 2027	Introduction to Machine Learning
Week 31: October 4, 2027	Data Preprocessing Linear Algebra for Machine Learning
Week 32: October 11, 2027	Logistic Regression Decision Trees and Random Forests
Week 33: October 18, 2027	Clustering with Unsupervised Learning Introduction to Deep Learning
Week 34: October 25, 2027	AI Model Fine-Tuning
Week 35: November 1, 2027	Machine Learning to AI Model Fine-Tuning
Last day to begin exam: November 7, 11:59 p.m. PT / UTC-7 hours	
Week 36: November 8, 2027	Machine Learning to AI Model Fine-Tuning Project
Week 37: November 15, 2027	Machine Learning to AI Model Fine-Tuning Project Due
Due by November 21, 11:59 p.m. PT / UTC-7 hours	

November 22, 2027 - January 16, 2028: AI and Organizational Transformation

Week 38: November 22, 2027	AI and Business Transformation
Week 39: November 29, 2027	AI Leadership and Management
Week 40: December 6, 2027	AI and Augmented Productivity
Week 41: December 13, 2027	AI and Organizational Transformation Exam
Last day to begin exam: December 19, 11:59 p.m. PT / UTC-7 hours	
Week 42: December 20, 2027	Winter Break



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Week 43: December 27, 2027	Winter Break
Week 44: January 3, 2028	AI and Organizational Transformation Presentation Due by January 9, 11:59 p.m. PT / UTC-7 hours
Week 45: January 10, 2028	Capstone Kickoff

January 17, 2028 - February 20, 2028: Microservices Architectures

Week 46: January 17, 2028	Microservices I: Designing and Building
Week 47: January 24, 2028	Microservices II: Deploying and Testing
Week 48: January 31, 2028	Microservices III: Scaling and Kubernetes
Week 49: February 7, 2028	Microservices Architectures Exam Last day to begin exam: February 13, 11:59 p.m. PT / UTC-7 hours
Week 50: February 14, 2028	Capstone Check-in Week

February 21, 2028 - April 9, 2028: Specialization Period I

Week 51: February 21, 2028	Specialization Period
Week 52: February 28, 2028	Specialization Period
Week 53: March 6, 2028	Specialization Period
Week 54: March 13, 2028	Capstone Check-in Week
Week 55: March 20, 2028	Specialization Period
Week 56: March 27, 2028	Specialization Period
Week 57: April 3, 2028	Specialization Period

April 10, 2028 - April 16, 2028: Capstone Project

Week 58: April 10, 2028	Capstone Project Due Due by April 16, 11:59 p.m. PT / UTC-7 hours
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