

AI GOVERNANCE & ETHICS COURSE

AI GOVERNANCE & ETHICS SPECIALIST CERTIFICATION



Arcitura®
OFFICIAL GUIDE

AI & Cloud AI Professional Academy

The AI & Cloud AI Professional Academy from Arcitura provides a formal education and accreditation program dedicated to contemporary AI technology and practices, including predictive AI, generative AI and cloud-based AI, as well as AI engineering and architecture.

For more information and to download the academy catalog, visit the AI & Cloud AI Professional Academy home page:

arcitura.com/ai



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SELF-STUDY WITH ELEARNING



eLearning Made Easy

Helping you achieve success in your education and career goals is our top priority. At Arcitura, we understand that everyone has different requirements and preferences when it comes to self-study.



- All Arcitura courses are available for self-study via eLearning.
- Upon purchasing a course, you receive access via an online interactive eLearning platform.
- To provide you with the greatest flexibility, you will be offered the option of also accessing the course materials via two additional eLearning formats.
- The additional eLearning formats are provided to you upon request and at no extra cost.

arcitura.com/elearning

eLearning Formats



For Everyday Learning

An online interactive eLearning platform with individual lessons, as well as interactive and automatically graded exercises and practice questions.



For Learning On-the-Go

A study kit platform with access to full course documents that support online/offline syncing, annotations, comments and custom bookmarks.



For Your Reference

A set of printable PDF documents that you can keep (for all course workbooks and posters).

Each Arcitura eLearning course includes a self-test to help you assess your readiness to take a certification exam. Separate Exam Prep Kits are also available with additional online interactive practice questions that are automatically graded.

INSTRUCTOR-LED TRAINING & COACHING



Arcitura works closely with its network of authorized training partners to provide online and onsite instructor-led training workshops to organizations throughout the world, including many corporations, federal government agencies and numerous Fortune 500 organizations.

Arcitura and its partners have Certified Trainers and supporting staff that are highly experienced in the planning, delivery and management of private and public training events that can be tailored to your learning objectives and scheduling preferences.

arcitura.com/training

Instructor-Led Services



Online Training

Training workshops for Arcitura courses can be delivered by Certified Trainers online via virtual classrooms.



Onsite Training

Training workshops for Arcitura courses can be delivered by Certified Trainers onsite at your location or at an external venue.



Online Coaching

Certified Trainers are available to provide virtual coaching services that can be scheduled on an hourly basis.

For Groups & Individuals



Workshops for Groups or Individuals

Training workshops can be delivered for small and large groups. Online training workshops can also be arranged for individuals.



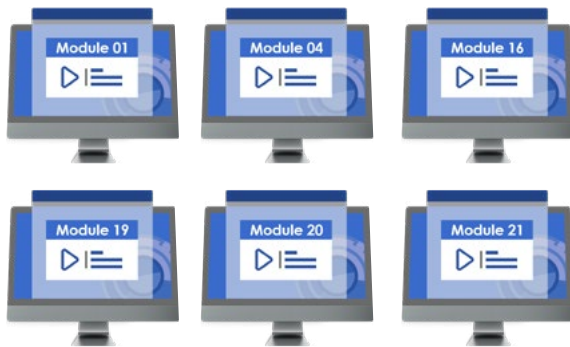
Coaching for Groups or Individuals

Virtual coaching sessions can be arranged for groups and individuals to provide supplementary guidance and to assist with exam preparation.



Training Programs for Multiple Groups

Larger training programs involving multiple groups can be managed and coordinated and further supplemented with ongoing reporting.



HOW TO GET STARTED

The AI Governance & Ethics course establishes the foundations of AI governance with precepts, processes and roles that address the on-going governance of AI systems. The governance of training and production data is covered, along with controls and considerations associated with ethical practice, model explainability and regulatory compliance. This course further extends AI governance practices and considerations in cloud-based environments.

The course is comprised of a set of modules. Each module has a set of lessons and is further supplemented with exercises to help reinforce your understanding of key topics.

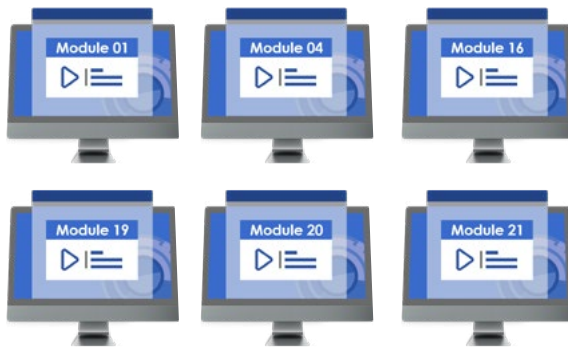
Upon completing the course you can obtain a digital certificate of completion, as well as a digital training badge from Acclaim/Credly, with an account that supports the online verification of your course completion status.

Additional resources are available to assist you with completing this course, including downloadable digital course files, printed course materials, coaching hours and instructor-led training services.

The AI Governance & Ethics course can be used to prepare for the AI Governance & Ethics Specialist Certification exam, as explained on the following page.

For more course details, including individual course module topic outlines, visit the [Course & Certification webpage](https://arcitura.com/courses) via arcitura.com/courses.

A Certified AI Governance & Ethics Specialist has gained a proven understanding of general AI governance practices and precepts, including comprehensive ethics-related considerations.



HOW TO GET CERTIFIED

The AI Governance & Ethics course prepares you for the official AI Governance & Ethics Specialist Certification exam.

Upon attaining a passing grade on the certification exam you will receive an official digital accreditation certificate and a digital certification badge from Acclaim/Credly, with an account that supports the online verification of your certification status.

Additional resources are available to assist you with preparing for the certification exam, including practice exam questions, downloadable digital course files, printed course materials, coaching hours and instructor-led training services.

To learn more about the AI Governance & Ethics Specialist certification bundle that includes the course, exam and practice questions at a discount, visit the [Course & Certification webpage](https://arcitura.com/store) via arcitura.com/store.



AI GOVERNANCE & ETHICS COURSE

The AI Governance & Ethics course establishes the foundations of AI governance with precepts, processes and roles that address the on-going governance of AI systems. The governance of training and production data is covered, along with controls and considerations associated with ethical practice, model explainability and regulatory compliance. This course further extends AI governance practices and considerations in cloud-based environments.

The AI Governance & Ethics course is comprised of 6 course modules. Each has an estimated completion time of 10 hours. Shown here are the contents of each course module, followed by the individual course module outlines.

MODULE 01: Fundamental Predictive AI



- Workbook Lessons (100+ pages)
- Interactive Exercises
- Mind Map Poster
- Symbol Legend Poster
- Practice Exam Questions
- PDFs of Workbook and Posters (printable)

MODULE 04: Fundamental Generative AI



- Workbook Lessons (100+ pages)
- Interactive Exercises
- Mind Map Poster
- Symbol Legend Poster
- Supplement
- Practice Exam Questions
- PDFs of Workbook and Posters (printable)

MODULE 16: Fundamental Agentic AI



- Workbook Lessons (100+ pages)
- Interactive Exercises
- Mind Map Poster
- Symbol Legend Poster
- Practice Exam Questions
- PDFs of Workbook and Posters (printable)

MODULE 19:
Fundamental AI
Governance & Ethics



- Workbook Lessons (100+ pages)
- Interactive Exercises
- Mind Map Poster
- Symbol Legend Poster
- Practice Exam Questions
- PDFs of Workbook and Posters (printable)

MODULE 20:
Advanced AI
Governance & Ethics



- Workbook Lessons (100+ pages)
- Interactive Exercises
- Mind Map Poster
- Practice Exam Questions
- PDFs of Workbook and Poster (printable)

MODULE 21:
AI Governance &
Ethics Lab

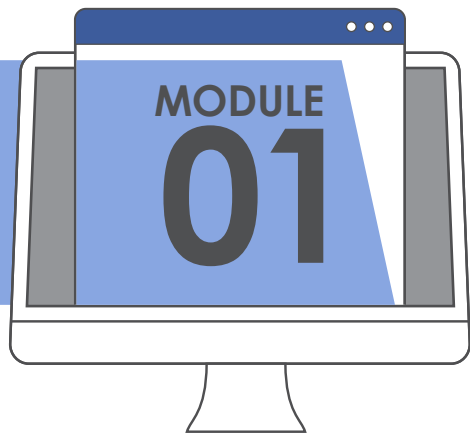


- Lab Exercise Booklet
- Mind Map Poster
- Practice Exam Questions
- PDFs of Exercise Booklet and Poster (printable)

Partial Course Available

For those of you that have already completed some of the modules in this course (most likely because they were also part of a different course you completed), a partial version of this course is available. Visit the [Partial Courses & Certification Bundles webpage](#) for more information about partial courses.

Fundamental Predictive AI

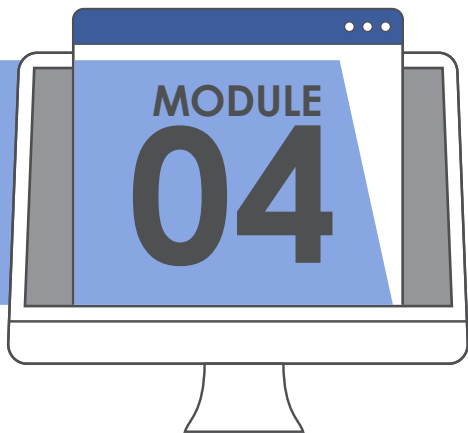


This course module illustrates how predictive AI can be used and applied in a range of business applications, as well as essential coverage of predictive AI practices and systems. The module explores the most common learning approaches and functional areas that AI systems are used for. All of the content is authored in easy-to-understand, plain English.

The following primary topics are covered:

- Predictive AI Business and Technology Drivers
- Predictive AI Benefits
- Common Risks and Challenges of Using Predictive AI
- Business Problem Categories Addressed by AI
- Types of Predictive AI
- Common Predictive AI Learning Approaches
- Understanding Predictive AI Learning and Model Training
- Step-by-Step Training Loop Process
- Supervised Learning, Unsupervised Learning, Continuous Learning
- Heuristic Learning, Semi-Supervised Learning, Reinforcement Learning
- Common Predictive AI Functional Designs, Computer Vision, Pattern Recognition
- Robotics, Natural Language Processing (NLP)
- Speech Recognition, Natural Language Understanding (NLU)
- Understanding AI Models and Neural Networks

Fundamental Generative AI

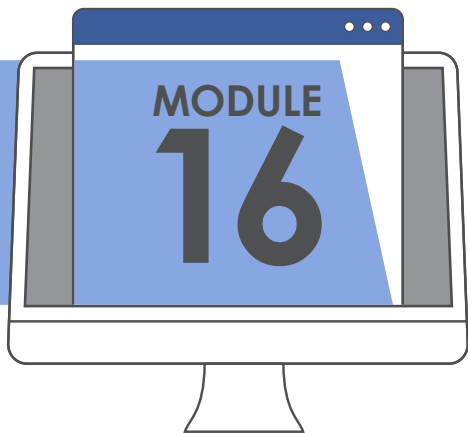


This course module explores the application of generative AI within a range of business scenarios and provides fundamental coverage of generative AI concepts, models, best practices and neural networks, including Generative Adversarial Networks (GANs), Variational Encoders (VAEs) and Transformer models. All of the content is authored in easy-to-understand, plain English.

The following primary topics are covered:

- Generative AI Business and Technology Drivers
- Generative AI Benefits
- Common Risks and Challenges of Using Generative AI
- Business Problem Categories Addressed by Generative AI
- Understanding Models, Algorithms and Neural Networks
- Types of Generative AI
- Understanding Generative Adversarial Networks (GANs)
- Understanding Variational Encoders (VAE)
- Understanding Transformers
- Steps to Building AI Systems
- Generative AI Best Practices

Fundamental Agentic AI

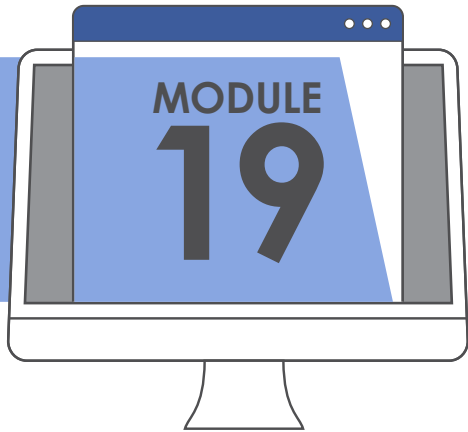


This course module establishes the core concepts behind intelligent AI agents that can perceive, reason and act autonomously. Key components of agentic systems are covered, including agentic system components, as well as agent types (such as reactive, deliberative and hybrid). The module also explains essential concepts like environments, sensors, actuators and the agent-environment interaction loop, along with the basics of knowledge representation for agents and how agents plan and make decisions at a high level.

The following primary topics are covered:

- AI Concepts and Systems
- Understanding AI Agents
- Distinguishing Agentic AI from Other Types of AI
- Core Agent Characteristics (Autonomy, Reactivity, Proactiveness, Social Ability)
- The Concept of “Agency” and Its Implications in AI Systems
- Perception: Sensors and How Agents Gather Information
- Reasoning: Internal Processing and Decision-Making
- Action: Actuators and How Agents Interact with Their Environment
- The Agent-Environment Interaction Loop
- Basic Agent Architectures: Simple Reflex Agents, Model-Based Reflex Agents, Goal-Based Agents and Utility-Based Agents
- Introduction to Knowledge Representation (KR)
- Basic Planning Algorithms: State-Space Search and Goal Stack Planning
- Introduction to Decision Theory and Rational Agents
- Overview of Agent Types

Fundamental AI Governance & Ethics

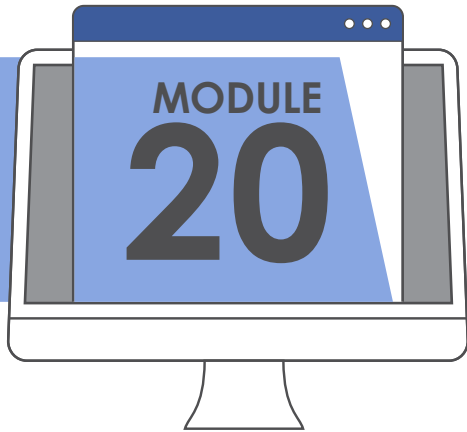


This course module introduces the essential components of AI governance and explores the ethical considerations surrounding autonomous and agentic AI systems. Topics include fairness, transparency, privacy, and accountability, as well as risks of goal misalignment and bias. A vanilla governance framework is introduced, covering precepts for training data, production data, and cloud-based AI, in addition to embedding ethical practices and autonomy oversight into AI system designs.

The primary topics covered include:

- Introduction to AI Governance and the Fundamental Principles of Ethical AI
- Understanding Fairness, Accountability, Transparency and Explainability (FATE) in Autonomous Systems
- Addressing Bias and Discrimination in AI Algorithms and Agentic Decision-Paths
- Understanding the role of Data Governance within an AI Governance Framework
- Governing the Collection and Management of Training Data
- Ensuring Data Quality and Tracking Data Lineage
- Techniques for Addressing and Mitigating Bias in Datasets
- Examining Ethical Considerations Throughout an AI System's Lifecycle
- Understanding the Tools and Techniques Available for Ethical AI Design
- Utilizing Risk Assessment Frameworks to Identify and Manage Potential AI Risks
- Defining Agentic AI: Governance of Autonomy, Goal Alignment, and Recursive Reasoning

Advanced AI Governance & Ethics

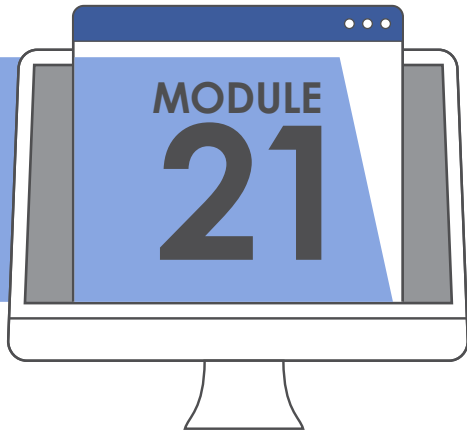


This course module delves deeper into governance frameworks, introducing roles for bias mitigation, explainability, and agentic oversight. Additional topics addressed include aligning AI with social values, regulatory requirements, and governing autonomous tool-use. Advanced methods for monitoring behavioral drift, human-on-the-loop intervention, and data management are addressed, alongside cloud-related policies for privacy, regional data storage, and other common data-related policies.

The primary topics covered include:

- Governance Precepts and Processes for Training Data, including Sensitive Data and Representativeness
- Governance Precepts and Processes for Production Data, including Monitoring for Behavioral Drift and Continuous Fairness
- Establishing AI Oversight and Auditing Mechanisms for Multi-Step Agentic Workflows
- Bias Mitigation Strategies and Achieving Explainability in Complex AI Models
- Operationalizing Ethical Principles and Aligning AI with Values and Social Responsibility
- Adapting to Evolving Standards and Regulations
- Creating an AI Ethics Code of Conduct and Communicating AI Ethics to the Organization
- Using AI Governance to Foster a Culture of Ethical AI Innovation
- Proactive Risk Management and Incident Response for Autonomous Failures and Cascading Errors
- Understanding Governance-related Cloud AI Automation Mechanisms
- Governing Tool-Use and API Interaction: Security and Ethics of Agents in Digital Environments
- Human-in-the-Loop (HITL) vs. Human-on-the-Loop (HOTL): Establishing “Kill-Switches” and Intervention Thresholds

AI Governance & Ethics Lab



This course module provides a series of case-study driven, lab-style exercises and problems that are designed to test your ability to apply your knowledge of topics covered in previous modules. Completing this lab helps reinforce understanding of preceding topics and further demonstrates how different practices and technologies can be applied together as part of greater solutions.





COMPLETE & PARTIAL EXAMS

To attain the AI Governance & Ethics Specialist Certification requires a passing grade on the complete AI Governance & Ethics Specialist Certification Exam or a passing grade on the partial AI Governance & Ethics Specialist Certification Exam and the attainment of the AI Professional Certification, as explained below.

Complete Exam Details

The complete AI Governance & Ethics Specialist certification exam covers topics from all 6 modules in the AI Governance & Ethics Specialist certification track. Purchase this exam if you've taken the AI Governance & Ethics course and would like to pursue certification as an AI Governance & Ethics Specialist, or if you would like to retake this exam to improve your grade.

Because this complete exam encompasses course modules from two certifications, upon passing the exam you will receive official digital certificates and digital certification badges for both the AI Professional and AI Governance & Ethics Specialist accreditations. If you've already achieved the AI Professional certification, then you do not need to take this complete exam. Instead, you can take the partial AI Governance & Ethics Specialist exam.

Partial Exam Details

The partial AI Governance & Ethics Specialist certification exam covers topics from Modules 19, 20 and 21 in the AI Governance & Ethics Specialist certification track.

Purchase this exam if:

- you've taken the complete or partial AI Governance & Ethics course and
- you would like to pursue certification as an AI Governance & Ethics Specialist and
- you've already passed exams that cover Modules 1, 4 and 16.

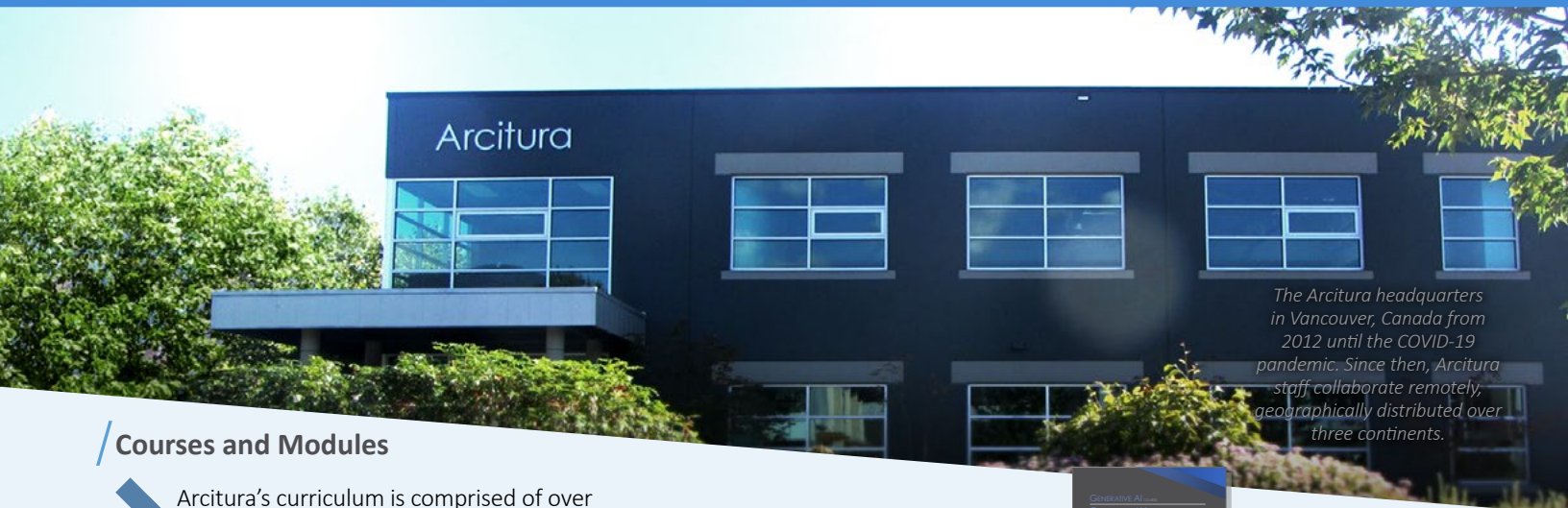
If you are already a certified AI Professional and you pass this exam, you will receive an official digital certificate and a digital certification badge for the AI Governance & Ethics Specialist accreditation.



MORE INFO

Contact us at: info@arcitura.com

ABOUT THE ARCITURA CURRICULUM



The Arcitura headquarters in Vancouver, Canada from 2012 until the COVID-19 pandemic. Since then, Arcitura staff collaborate remotely, geographically distributed over three continents.

Courses and Modules

➤ Arcitura's curriculum is comprised of over 50 courses and over 120 course modules.

➤ Every Arcitura course is comprised of multiple course modules.

➤ Each course corresponds to a professional certification.



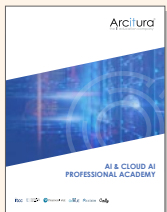
For each course, a separate Official Guide PDF is available for download on the course description page.

arcitura.com/courses

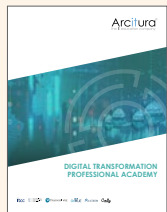
arcitura.com/tracks

Programs, Tracks and Certifications

Arcitura's library of courses and modules is organized into the following programs:



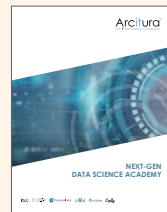
AI & Cloud AI Professional Academy



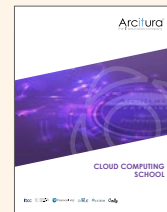
Digital Transformation Professional Academy



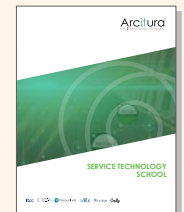
Next-Gen IT Academy



Next-Gen Data Science Academy

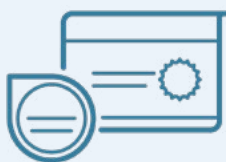


Cloud Computing School



Service Technology School

Within each program, modules are organized into tracks. Every course has a track that indicates the order in which course modules should be completed. Each track also corresponds to a professional certification. There are over 50 professional certifications, each of which can be attained by passing a certification exam.



Digital Certificates and Badges

➤ Upon fulfilling the completion requirements for a course via eLearning or an instructor-led workshop, you receive a digital Certificate of Completion and a digital Training Badge from Acclaim/Credly.

➤ Upon attaining a certification, you also receive an official digital Accreditation Certificate and a digital Certification Badge from Acclaim/Credly.

arcitura.com/certifications

COURSES		Essential AI	Predictive AI	Generative AI	Agentic AI	Predictive AI Engineering	Generative AI Engineering	AI Architecture & Design	AI Professional Consulting	AI Governance & Ethics	Cloud AI Technology & Automation	Cloud AI Architecture & Design
CERTIFICATIONS		AI Professional	Predictive AI Specialist	Generative AI Specialist	Agentic AI Specialist	Predictive AI Engineer	Generative AI Engineer	AI Architect	AI Consultant	AI Governance & Ethics Specialist	Cloud AI Professional*	Cloud AI Architect*
MODULE 01	Fundamental Predictive AI	●	●			●		●	●	●	●	●
MODULE 02	Advanced Predictive AI		●			●						
MODULE 03	Predictive AI Lab		●									
MODULE 04	Fundamental Generative AI	●		●			●	●	●	●	●	●
MODULE 05	Advanced Generative AI			●			●					
MODULE 06	Generative AI Lab			●								
MODULE 07	Fundamental Predictive AI Engineering					●			●			
MODULE 08	Advanced Predictive AI Engineering					●						
MODULE 09	Predictive AI Engineering Lab					●						
MODULE 10	Fundamental Generative AI Engineering						●		●			
MODULE 11	Advanced Generative AI Engineering						●					
MODULE 12	Generative AI Engineering Lab						●					
MODULE 13	Fundamental AI Architecture & Design							●	●			
MODULE 14	Advanced AI Architecture & Design							●				
MODULE 15	AI Architecture & Design Lab							●				
MODULE 16	Fundamental Agentic AI				●					●		
MODULE 17	Advanced Agentic AI				●							
MODULE 18	Agentic AI Lab				●							
MODULE 19	Fundamental AI Governance & Ethics									●		
MODULE 20	Advanced AI Governance & Ethics									●		
MODULE 21	AI Governance & Ethics Lab									●		
MODULE 22	Cloud AI Technology & Automation										●	●
MODULE 23	Cloud AI Architecture & Design											●
MODULE 24	Cloud AI Architecture & Design Lab											●

* The prerequisite for Cloud AI certifications is the attainment of the Cloud Professional certification. See the Arcitura Cloud Computing School curriculum for more information.

Data Science, Big Data & Machine Learning courses are part of the Arcitura Next-Gen Data Science Academy curriculum. Intelligent Automation with AI and RPA courses are part of the Arcitura Digital Transformation Professional Academy curriculum.

Attaining a certification that encompasses all of the course modules also associated with another certification results in the other certification also being automatically awarded.

COURSES	Digital Transformation	Digital Transformation: Fundamental Technology	Digital Transformation: Advanced Technology & Architecture	Digital Transformation: Fundamental Data Science	Digital Transformation: Advanced Data Science	Digital Transformation: Fundamental Security	Digital Transformation: Advanced Security	Digital Transformation: Fundamental Intelligent Automation	Digital Transformation: Advanced Intelligent Automation
	Digital Transformation Specialist	Digital Transformation Technology Professional	Digital Transformation Technology Architect	Digital Transformation Data Science Professional	Digital Transformation Data Scientist	Digital Transformation Security Professional	Digital Transformation Security Specialist	Digital Transformation Intelligent Automation Professional	Digital Transformation Intelligent Automation Specialist
MODULE 01	●	●	●	●	●	●	●	●	●
MODULE 02	●	●	●	●	●	●	●	●	●
MODULE 03		●	●						
MODULE 04		● or ●	● or ●			●	●		
MODULE 05			●						
MODULE 06			●						
MODULE 07			● or ●				●		
MODULE 08			●						
MODULE 09				●	●				
MODULE 10.A				● or ●	● or ●				
MODULE 10.B				●	●			●	●
MODULE 11				●	●				
MODULE 12					●				
MODULE 13.A					● or ●				
MODULE 13.B					●				
MODULE 14					●				
MODULE 15						●	●		
MODULE 16							●		
MODULE 17									●
MODULE 18								●	●
MODULE 19									●
MODULE 20		●	●						
MODULE 21			●						

Attaining a certification that encompasses all of the course modules also associated with another certification results in the other certification also being automatically awarded.

COURSES		DevOps	Blockchain Architecture	IoT Architecture	Cybersecurity	Robotic Process Automation	Digital Business Technology	Containerization Architecture	Quantum Computing
CERTIFICATIONS		DevOps Specialist	Blockchain Architect	IoT Architect	Cybersecurity Specialist	RPA Specialist	Digital Business Technology Professional	Containerization Architect	Quantum Computing Specialist
DevOps	MODULE 01	Fundamental DevOps	●						
	MODULE 02	DevOps in Practice	●						
	MODULE 03	DevOps Lab	●						
Blockchain	MODULE 01	Fundamental Blockchain	●						
	MODULE 02	Blockchain Technology & Architecture	●						
	MODULE 03	Blockchain Technology & Architecture Lab	●						
Internet of Things	MODULE 01	Fundamental IoT		●					
	MODULE 02	IoT Technology & Architecture		●					
	MODULE 03	IoT Technology & Architecture Lab		●					
Cybersecurity	MODULE 01	Fundamental Cybersecurity			●				
	MODULE 02	Advanced Cybersecurity			●				
	MODULE 03	Cybersecurity Lab			●				
Robotic Process Automation	MODULE 01	Fundamental RPA				●			
	MODULE 02	Advanced RPA & Intelligent Automation				●			
	MODULE 03	RPA Lab				●			
Digital Business Technology	MODULE 01	Business Automation Technology Overview					●		
	MODULE 02	Data Science Technology Overview					●		
	MODULE 03	Digital & Security Technology Overview					●		
Containerization	MODULE 01	Fundamental Containerization						●	
	MODULE 02	Containerization Technology & Architecture						●	
	MODULE 03	Containerization Technology & Architecture Lab						●	
Quantum Computing	MODULE 01	Fundamental Quantum Computing							●
	MODULE 02	Advanced Quantum Computing							●
	MODULE 03	Quantum Computing Lab							●

COURSES		Essential Big Data & Data Science	Big Data Analytics & Fundamental Data Science	Big Data Analysis & Advanced Data Science	Big Data Professional Consulting	Data Science Professional Consulting	Machine Learning	Big Data Engineering	Big Data Architecture	Data Science Governance
CERTIFICATIONS		Big Data Professional	Big Data Science Professional	Big Data Scientist	Big Data Consultant	Data Science Consultant	Machine Learning Specialist	Big Data Engineer	Big Data Architect	Data Science Governance Specialist
MODULE 01	Fundamental Big Data Science & Analytics	●	●	●	●	●		●	●	●
MODULE 02	Big Data Analysis & Technology Concepts	●	●	●	●	●		●	●	●
MODULE 03	Big Data Analysis & Technology Lab		●		●	●				
MODULE 04	Big Data Analysis & Science			●	●					
MODULE 05	Advanced Big Data Analysis & Science			●						
MODULE 06	Big Data Analysis & Science Lab			●						
MODULE 07	Fundamental Machine Learning					●	●			
MODULE 08	Advanced Machine Learning						●			
MODULE 09	Machine Learning Lab						●			
MODULE 10	Fundamental Predictive & Generative AI					●				
MODULE 11	Fundamental Big Data Engineering				●			●		
MODULE 12	Advanced Big Data Engineering							●		
MODULE 13	Big Data Engineering Lab							●		
MODULE 14	Fundamental Big Data Architecture								●	
MODULE 15	Advanced Big Data Architecture								●	
MODULE 16	Big Data Architecture Lab								●	
MODULE 17	Fundamental Data Science Governance									●
MODULE 18	Advanced Data Science Governance									●
MODULE 19	Data Science Governance Lab									●

Artificial Intelligence (AI) courses are part of the Arcitura AI & Cloud AI Professional Academy curriculum. Intelligent Automation with AI and RPA courses are part of the Arcitura Digital Transformation Professional Academy curriculum.

Attaining a certification that encompasses all of the course modules also associated with another certification results in the other certification also being automatically awarded.

COURSES		Essential Cloud Computing	Cloud Computing Concepts & Technology	Cloud Computing Professional Consulting	Cloud Architecture	Cloud Security	Cloud Governance	Cloud Storage	Cloud Virtualization	Cloud AI Technology & Automation	Cloud AI Architecture & Design
CERTIFICATIONS		Cloud Professional	Cloud Technology Professional	Cloud Computing Consultant	Cloud Architect	Cloud Security Specialist	Cloud Governance Specialist	Cloud Storage Specialist	Cloud Virtualization Specialist	Cloud AI Professional*	Cloud AI Architect*
MODULE 01	Fundamental Cloud Computing	●	●	●	●	●	●	●	●	This track has the following additional modules from the AI & Cloud AI Professional Academy curriculum: 1, 4, 22	This track has the following additional modules from the AI & Cloud AI Professional Academy curriculum: 1, 4, 22, 23, 24
MODULE 02	Cloud Technology Concepts	●	●	●	●	●	●	●	●		
MODULE 03	Cloud Technology Lab		●	●							
MODULE 04	Fundamental Cloud Architecture			●	●						
MODULE 05	Advanced Cloud Architecture				●						
MODULE 06	Cloud Architecture Lab				●						
MODULE 07	Fundamental Cloud Security			●		●					
MODULE 08	Advanced Cloud Security					●					
MODULE 09	Cloud Security Lab					●					
MODULE 10	Fundamental Cloud Governance						●				
MODULE 11	Advanced Cloud Governance						●				
MODULE 12	Cloud Governance Lab						●				
MODULE 13	Fundamental Cloud Storage							●			
MODULE 14	Advanced Cloud Storage							●			
MODULE 15	Cloud Storage Lab							●			
MODULE 16	Fundamental Cloud Virtualization								●		
MODULE 17	Advanced Cloud Virtualization								●		
MODULE 18	Cloud Virtualization Lab								●		

* Cloud AI certifications are part of the Arcitura AI & Cloud AI Professional Academy curriculum. The prerequisite for these certifications is the attainment of the Cloud Professional certification from the Arcitura Cloud Computing School curriculum.

Attaining a certification that encompasses all of the course modules also associated with another certification results in the other certification also being automatically awarded.

COURSES	Fundamental Microservices & Service Technology	Fundamental SOA Design with Services & Microservices	SOA Analysis & Modeling with Services & Microservices	SOA Design & Architecture with Services & Microservices	Microservice Design & Architecture	Microservice Professional Consulting	Service API Design & Management	Service Governance & Project Delivery	Security for Microservices & SOA
	CERTIFICATIONS	Microservice Professional	SOA Professional	SOA Analyst	SOA Architect	Microservice Architect	Microservice Consultant	Service API Specialist	Service Governance Specialist
MODULE 01 Fundamental SOA, Services & Microservices	●	●	●	●	●	●	●	●	●
MODULE 02 Microservice Technology Concepts	●				●	●	●		●
MODULE 03 Design & Architecture with SOA, Services & Microservices		●	●	●				●	
MODULE 04 Fundamental SOA Analysis & Modeling with Services & Microservices			●						
MODULE 05 Advanced SOA Analysis & Modeling with Services & Microservices			●						
MODULE 06 SOA Analysis & Modeling Lab with Services & Microservices			●						
MODULE 07 Advanced SOA Design & Architecture with Services & Microservices				●					
MODULE 08 SOA Design & Architecture Lab with Services & Microservices				●					
MODULE 09 Fundamental Microservice Architecture & Containerization					●	●			
MODULE 10 Advanced Microservice Architecture & Containerization					●				
MODULE 11 Microservice Architecture & Containerization Lab					●				
MODULE 12 Fundamental Service API Design & Management						●	●		
MODULE 13 Advanced Service API Design & Management							●		
MODULE 14 Service API Design & Management Lab							●		
MODULE 15 Fundamental Service Governance & Project Delivery								●	
MODULE 16 Advanced Service Governance & Project Delivery								●	
MODULE 17 Service Governance & Project Delivery Lab								●	
MODULE 18 Fundamental Security for Services, Microservices & SOA						●			●
MODULE 19 Advanced Security for Services, Microservices & SOA									●
MODULE 20 Security Lab for Services, Microservices & SOA									●

Attaining a certification that encompasses all of the course modules also associated with another certification results in the other certification also being automatically awarded.

THE ARCITURA DIFFERENCE

Regardless of whether you are an individual looking to boost your career or an organization looking to up-skill a team, Arcitura courses and certifications provide a sound investment.



- Both courses and accreditations are vendor-neutral, which means they empower you with skills and credentials that you can take to wherever you need to go.
- Arcitura is dedicated to excellence in content quality, which is why courses and exams undergo a common development process and are authored by a dedicated team in collaboration with subject matter experts.

arcitura.com/about

What You Learn from Arcitura Courses



Learn from an Extensive Curriculum

Arcitura provides one of the largest and most comprehensive vendor-neutral IT education programs in the world.



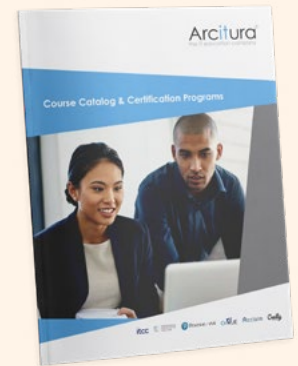
Learn about the Latest in IT

Arcitura courses and certifications cover contemporary topics from an IT industry perspective.



Learn about Real World IT

When you take an Arcitura course you learn about a field of practice as it exists in the real world, not specific to any vendor.



Comprehensive Coverage

Each course provides a comprehensive curriculum with 2-8 modules and 20-80 hours of training.



More Than Just Video Lessons

In addition to standard video lessons, courses include full-color workbooks and reference posters for all lessons.



Interactive & Graded Challenges

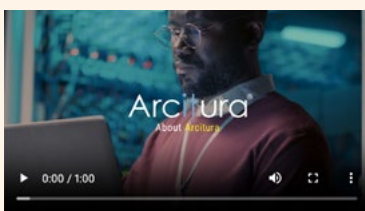
Courses also include interactive and graded exercises, interactive and graded self-tests and other supplements.

What's in an Arcitura Course

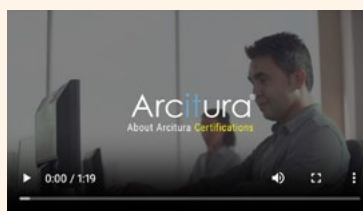
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