



CERTIFICATION
PROGRAMS
2021



DIGITAL TRANSFORMATION PROFESSIONAL ACADEMY

The Digital Transformation Professional Academy from Arcitura is dedicated to providing a comprehensive curriculum of training courses and certifications focused on industry-standard Digital Transformation technologies, solutions and practices.



NEXT-GEN IT ACADEMY

The Next-Gen IT Academy from Arcitura is dedicated to contemporary technologies and fields of practice, including:

- /DevOps
- /Blockchain
- /Machine Learning
- /Artificial Intelligence
- /Internet of Things (IoT)
- /Containerization
- /Cybersecurity



CLOUD CERTIFIED PROFESSIONAL (CCP)

The Cloud Certified Professional (CCP) program from Arcitura provides formal education and accreditation programs dedicated to fields of practice associated with Cloud Computing, including architecture, security, governance and specialized areas of cloud technology.



BIG DATA SCIENCE CERTIFIED PROFESSIONAL (BDSCP)

The Big Data Science Certified Professional (BDSCP) program from Arcitura provides formal education and accreditation programs dedicated to fields of practice associated with Big Data, including analytics and analysis, data science, architecture and engineering.



SOA CERTIFIED PROFESSIONAL (SOACP)

The SOA Certified Professional (SOACP) program from Arcitura provides formal education and accreditation programs dedicated to fields of practice associated with Service Technology, including microservices, service API design and management, service security and governance and service-oriented architecture.

MORE INFO

For more information about individual Arcitura accreditation programs, visit www.arcitura.com.



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Digital Transformation certifications are formal accreditations that prove proficiency in specific areas of Digital Transformation practice and technology. To obtain a certification, candidates are required to pass one or more exams. Some exams provide credit toward multiple certifications tracks.



The Digital Transformation Professional Academy from Arcitura is dedicated to providing a comprehensive curriculum of training courses and certifications focused on industry-standard Digital Transformation technologies, solutions and practices. This extensive program encompasses a number of specialized tracks for IT professionals, each of which addresses a specific skillset for a common profession associated with Digital Transformation projects. Fields of practice covered by the Digital Transformation Professional Academy curriculum include Digital Transformation technology, architecture, data science and security.

The Digital Transformation Professional Academy curriculum is comprised of 16 course modules and 7 certification tracks. Several of the certification tracks leverage courses in other Arcitura programs. Achieving a passing grade on required exam(s) achieves a certification for which a digital certificate is automatically issued by Arcitura and a digital certification badge is issued by Acclaim/Credly. Exams are being made available via Pearson VUE OnVue online proctoring, Pearson VUE testing centers and via on-site delivery by Certified Trainers. Note that some certifications require the completion of other certifications within the Digital Transformation curriculum.

MORE INFO

For curriculum information, visit
www.arcitura.com/digitaltransformation

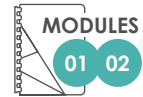
DIGITAL TRANSFORMATION PROFESSIONAL ACADEMY

CERTIFICATIONS

Arcitura®
CERTIFIED
*Digital Transformation
Specialist*



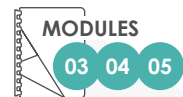
A Certified Digital Transformation Specialist understands the requirements to successfully carry out a Digital Transformation project in support of achieving project objectives and realizing strategic business goals.



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CERTIFIED
*Digital Transformation
Technology Professional*



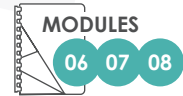
A Certified Digital Transformation Technology Professional is proficient with core Digital Transformation technologies and further understands how these technologies can be positioned and utilized in relation to each other as part of a greater Digital Transformation solution.



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*Digital Transformation
Technology Architect*



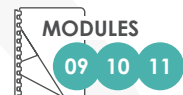
A Certified Digital Transformation Technology Architect is proficient with the design, architecture and mechanisms behind the core technologies and solution environments essential to Digital Transformation.



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CERTIFIED
*Digital Transformation
Data Science Professional*



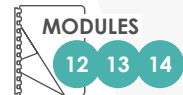
A Certified Digital Transformation Data Science Professional has gained a working knowledge of modern data science practices, including Big Data, Analytics, Machine Learning and Artificial Intelligence.



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CERTIFIED
*Digital Transformation
Data Scientist*



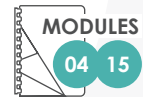
A Certified Digital Transformation Data Scientist is proficient with analysis and analytics techniques and practices, as well as a range of established algorithms and model learning approaches for both Machine Learning and Artificial Intelligence systems with neural networks.



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CERTIFIED
*Digital Transformation
Security Professional*



A Certified Digital Transformation Security Professional has obtained an in-depth level of proficiency with the mechanisms, devices, technologies, practices, and overall assessment criteria pertaining to cloud storage technologies and services.



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CERTIFIED
*Digital Transformation
Security Specialist*



A Certified Digital Transformation Security Specialist has proven knowledge and proficiency with the technologies, mechanisms, platforms, and practices based upon and associated with contemporary virtualization environments and cloud-based virtualization architectures.





MODULE 01 | Fundamental Digital Transformation

This course introduces Digital Transformation and provides detailed coverage of associated practices, models and technologies, along with coverage of Digital Transformation benefits, challenges and business and technology drivers. Also explained are common Digital Transformation domains, digital capabilities and adoption considerations.



MODULE 02 | Digital Transformation in Practice

This course delves into the application of Digital Transformation by exploring a series of contemporary technologies associated with carrying out Digital Transformation projects and further demonstrating how the adoption of Digital Transformation practices and technologies can lead to business process improvements and optimization.



MODULE 03 | Fundamental Cloud Computing

This course provides end-to-end coverage of fundamental cloud computing topics relevant to Digital Transformation, including an exploration of technology-related topics that pertain to contemporary cloud computing platforms.



MODULE 04 | Fundamental Blockchain

This course provides a clear, end-to-end understanding of how blockchain works. It breaks down blockchain technology and architecture in easy-to-understand concepts, terms and building blocks. Industry drivers and impacts of blockchain are explained, followed by plain English descriptions of each primary part of a blockchain system and step-by-step descriptions of how these parts work together.



MODULE 05 | Fundamental IoT

This course covers the essentials of the field of Internet of Things (IoT) from both business and technical aspects. Fundamental IoT use cases, concepts, models and technologies are covered in plain English, along with introductory coverage of IoT architecture and IoT messaging with REST, HTTP and CoAp.



MODULE 06 | Cloud Architecture

This course provides a technical drill-down into the inner workings and mechanics of foundational cloud computing platforms. Private and public cloud environments are dissected into concrete, componentized building blocks that individually represent platform feature-sets, functions and/or artifacts, and are collectively applied to establish distinct technology architecture layers. Building upon these foundations, SaaS, PaaS and IaaS environments are further explored.

MORE INFO

To purchase courses, visit www.arcitura.com/store/dt.



MODULE 07 | Blockchain Architecture

This course delves into blockchain technology architecture and the inner workings of blockchains by exploring a series of key design patterns, techniques and related architectural models, along with common technology mechanisms used to customize and optimize blockchain application designs in support of fulfilling business requirements.



MODULE 08 | IoT Architecture

This course provides a drill-down into key areas of IoT technology architecture and enabling technologies by breaking down IoT environments into individual building blocks via design patterns and associated implementation mechanisms. Layered architectural models are covered, along with design techniques and feature-sets covering the processing of telemetry data, positioning of control logic, performance optimization, as well as addressing scalability and reliability concerns.



MODULE 09 | Fundamental Big Data

This foundational course provides an overview of essential Big Data science topics and explores a range of the most relevant contemporary analysis practices, technologies and tools for Big Data environments. Topics include common analysis functions and features offered by Big Data solutions, as well as an exploration of the Big Data analysis lifecycle.



MODULE 10 | Fundamental Machine Learning

This course provides an easy-to-understand overview of machine learning for anyone interested in how it works, what it can and cannot do and how it is commonly utilized in support of business goals. The course covers common algorithm types and further explains how machine learning systems work behind the scenes. The base course materials are accompanied with an informational supplement covering a range of common algorithms and practices.



MODULE 11 | Fundamental AI

This course provides essential coverage of artificial intelligence and neural networks in easy-to-understand, plain English. The course provides concrete coverage of the primary parts of AI, including learning approaches, functional areas that AI systems are used for and a thorough introduction to neural networks, how they exist, how they work and how they can be used to process information. The course further establishes a step-by-step process for assembling an AI system.



MODULE 12 | Advanced Big Data

This course provides an in-depth overview of essential and advanced topic areas pertaining to data science and analysis techniques relevant and unique to Big Data with an emphasis on how analysis and analytics need to be carried out individually and collectively in support of the distinct characteristics, requirements and challenges associated with Big Data datasets.



MODULE 13 | Advanced Machine Learning

This course delves into the many algorithms, methods and models of contemporary machine learning practices to explore how a range of different business problems can be solved by utilizing and combining proven machine learning techniques.



MODULE 14 | Advanced AI

This course covers a series of practices for preparing and working with data for training and running contemporary AI systems and neural networks. It further provides techniques for designing and optimizing neural networks, including approaches for measuring and tuning neural network model performance.



MODULE 15 | Fundamental Cybersecurity

This course covers essential for understanding and applying Cybersecurity technology and practices. The course provides a comparison of standard IT security with Cybersecurity and further explores how Cybersecurity can be applied to a range of contemporary technologies. Common roles, drivers, benefits and challenges are also covered.



MODULE 16 | Advanced Cybersecurity

This course delves into a number of advanced Cybersecurity topics, including digital forensics, Cyber intelligence, threat management and Cyber attack incident response and recovery. Numerous common Cyber attacks and threats are explained, along with information about how these threats are typically prevented and countered. Additional topics drill down into controls, mechanisms and practices used to apply Cybersecurity frameworks.

Next-Gen IT certifications are formal accreditations that prove proficiency in contemporary fields of practice and modern IT technologies. To obtain a certification, a given candidate is required to pass an exam comprised of a range of questions, including lab-style questions.



The Next-Gen IT Academy from Arcitura is dedicated to providing a comprehensive curriculum of training courses and certifications focused on industry-standard technology innovations that have become important and relevant to mainstream IT. This growing curriculum encompasses a set of specialized tracks, each of which provides formal training and accreditation in a distinct and contemporary field of practice.

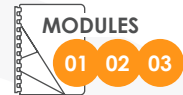
The Next-Gen IT Academy curriculum is comprised of 21 course modules and 7 certification tracks. For each topic area covered within the Next-Gen IT Academy, a set of 3 courses is developed, along with a single exam. Exams are made available via Pearson VUE online proctoring, Pearson VUE testing centers and via on-site delivery by Certified Trainers. Upon achieving an accreditation, certification holders receive a formal digital certificate and an Acclaim/Credly digital badge with an account that supports the online verification of certification status. Note that the completion of select Next-Gen IT courses and certifications may be applicable to certain Digital Transformation program requirements.

MORE INFO

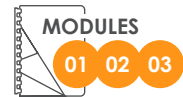
For curriculum information, visit
www.arcitura.com/nextgen



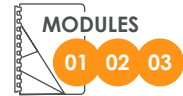
A Certified DevOps Specialist has demonstrated proficiency in DevOps processes, metrics and models and has acquired specialized skills to put DevOps techniques into real-world practice.



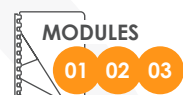
A Certified Blockchain Architect has demonstrated proficiency in Blockchain functions, architecture and security and has acquired specialized skills to assess and design real-world Blockchain solutions.



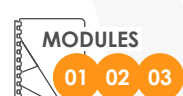
A Certified IoT Architect has demonstrated proficiency in IoT technology architecture, protocols, mechanisms and security, and has acquired specialized skills to assess, design and deliver real-world IoT solutions.



A Certified Containerization Architect has demonstrated proficiency in containerization technology and architecture, along with specialized skills for assessing, designing and securing highly available container-hosted services and solutions.



A Certified Machine Learning Specialist has demonstrated proficiency in machine learning methods, models and algorithms and can design scalable machine learning systems capable of solving complex business problems.



A Certified Artificial Intelligence Specialist has demonstrated proficiency in artificial intelligence (AI) approaches and algorithms, and proven skills for designing and validating AI solutions and modeling neural networks.



A Certified Cybersecurity Specialist has demonstrated proficiency with the technologies and practices used to protect a range of digital assets, and further counter and prevent common cyber attacks and threats.





MODULE 01 | Fundamental DevOps

A comprehensive overview of DevOps practices, models and techniques, along with coverage of DevOps benefits, challenges and business and technology drivers. Also explained is how DevOps compares to traditional solution development and release approaches and how the application of DevOps can be monitored and measured for concrete business value.



MODULE 02 | DevOps in Practice

A course that delves into the application of DevOps practices and models by exploring how the DevOps lifecycle and its associated stages can be carried out and further identifying related challenges and considerations. In-depth coverage is provided for the application of Continuous Integration (CI) and Continuous Delivery (CD) approaches, along with an exploration of creating deployment pipelines and managing data flow, solution versions and tracking solution dependencies.



MODULE 03 | DevOps Lab

A lab during which participants apply the concepts, processes, techniques and metrics previously covered in order to complete a set of exercises. Specifically, participants are required to study case study backgrounds and carry out a series of exercises to establish DevOps processes and carry out DevOps stages and related techniques to address requirements and solve problems.



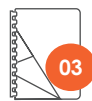
MODULE 01 | Fundamental Blockchain

This course provides a clear, end-to-end understanding of how blockchain works. It breaks down blockchain technology and architecture in easy-to-understand concepts, terms and building blocks. Industry drivers and impacts of blockchain are explained, followed by plain English descriptions of each primary part of a blockchain system and step-by-step descriptions of how these parts work together.



MODULE 02 | Blockchain Technology & Architecture

This course delves into blockchain technology architecture and the inner workings of blockchains by exploring a series of key design patterns, techniques and related architectural models, along with common technology mechanisms used to customize and optimize blockchain application designs in support of fulfilling business requirements.



MODULE 03 | Blockchain Technology & Architecture Lab

This course module presents participants with a series of exercises and problems that are designed to test their ability to apply their knowledge of topics covered in previous courses. Completing this lab will help highlight areas that require further attention and will further prove hands-on proficiency in blockchain technologies, mechanisms and security controls as they are applied and combined to solve real-world problems.



MODULE 01 | Fundamental IoT

This course covers the essentials of the field of Internet of Things (IoT) from both business and technical aspects. Fundamental IoT use cases, concepts, models and technologies are covered in plain English, along with introductory coverage of IoT architecture and IoT messaging with REST, HTTP and CoAp.

MORE INFO

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MODULE 02 | IoT Technology & Architecture

This course provides a drill-down into key areas of IoT technology architecture and enabling technologies by breaking down IoT environments into individual building blocks via design patterns and associated implementation mechanisms. Layered architectural models are covered, along with design techniques and feature-sets covering the processing of telemetry data, positioning of control logic, performance optimization, as well as addressing scalability and reliability concerns.



MODULE 03 | IoT Technology & Architecture Lab

This course module presents participants with a series of exercises and problems that are designed to test their ability to apply their knowledge of topics covered in previous courses. Completing this lab will help highlight areas that require further attention and will help prove hands-on proficiency in IoT concepts, technologies, architecture models and devices, as they are applied and combined to solve real-world problems.



MODULE 01 | Fundamental Containerization

This course provides comprehensive coverage of containerization models, technologies, mechanisms and environments. How the utilization of containers impacts both the technology and business of an organization are covered, along with many technical features, characteristics and deployment environments.



MODULE 02 | Containerization Technology & Architecture

This course provides a deep-dive into containerization architectures, hosting models, deployment models and utilization by services and applications. Numerous advanced topics are covered, including high performance requirements, clustering, security and lifecycle management.



MODULE 03 | Containerization Technology & Architecture Lab

This course module presents participants with a series of exercises and problems that are designed to test their ability to apply their knowledge of topics covered in previous courses. Completing this lab will help highlight areas that require further attention and will help prove hands-on proficiency in containerization concepts, technologies, architecture models and pattern application, as they are utilized and combined to solve real-world problems.



MODULE 01 | Fundamental Machine Learning

This course provides an easy-to-understand overview of machine learning for anyone interested in how it works, what it can and cannot do and how it is commonly utilized in support of business goals. The course covers common algorithm types and further explains how machine learning systems work behind the scenes. The base course materials are accompanied with an informational supplement covering a range of common algorithms and practices.



MODULE 02 | Advanced Machine Learning

This course delves into the many algorithms, methods and models of contemporary machine learning practices to explore how a range of different business problems can be solved by utilizing and combining proven machine learning techniques.



MODULE 03 | Machine Learning Lab

This course module presents participants with a series of exercises and problems that are designed to test their ability to apply their knowledge of topics covered in previous courses. Completing this lab will help highlight areas that require further attention and will further prove proficiency in machine learning systems and techniques, as they are applied and combined to solve real-world problems.



MODULE 01 | Fundamental Artificial Intelligence

This course provides essential coverage of artificial intelligence and neural networks in easy-to-understand, plain English. The course provides concrete coverage of the primary parts of AI, including learning approaches, functional areas that AI systems are used for and a thorough introduction to neural networks, how they exist, how they work and how they can be used to process information. The course further establishes a step-by-step process for assembling an AI system.



MODULE 02 | Advanced Artificial Intelligence

This course covers a series of practices for preparing and working with data for training and running contemporary AI systems and neural networks. It further provides techniques for designing and optimizing neural networks, including approaches for measuring and tuning neural network model performance.



MODULE 03 | Artificial Intelligence Lab

This course module presents participants with a series of exercises and problems that are designed to test their ability to apply their knowledge of topics covered in previous courses. Completing this lab will help highlight areas that require further attention and will further prove proficiency in AI, machine learning and deep learning systems and neural network architectures, as they are applied and combined to solve real-world problems.



MODULE 01 | Fundamental Cybersecurity

This course covers essential for understanding and applying Cybersecurity technology and practices. The course provides a comparison of standard IT security with Cybersecurity and further explores how Cybersecurity can be applied to a range of contemporary technologies. Common roles, drivers, benefits and challenges are also covered.



MODULE 02 | Advanced Cybersecurity

This course delves into a number of advanced Cybersecurity topics, including digital forensics, Cyber intelligence, threat management and Cyber attack incident response and recovery. Numerous common Cyber attacks and threats are explained, along with information about how these threats are typically prevented and countered. Additional topics drill down into controls, mechanisms and practices used to apply Cybersecurity frameworks.



MODULE 03 | Cybersecurity Lab

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Each CCP Certificate of Excellence is a formal documentation of accomplishments that proves that a candidate has demonstrated proficiency in a formalized field of practice within the cloud computing industry. The attainment of a CCP certification brings with it several benefits that allow successful candidates to master cloud computing from an industry and vendor-neutral perspective, become proficient in cloud computing concepts, technologies and practices, learn about the mature and proven parts of the cloud computing industry, become recognized as an accredited cloud computing professional, better assess commercial products, platforms and services offered by cloud providers and cloud computing product vendors and be assigned project roles and responsibilities suitable for skill-sets proven by their certification.

Depending on the exam format chose, attaining a CCP Certification can require passing a single exam or multiple exams. Arcitura exams are available at Pearson VUE testing centers, online proctoring and/or via on-site exam delivery. Upon achieving the accreditation, certification holders receive a formal digital certificate and an Acclaim/Credly digital badge with an account that supports the online verification of certification status.

MORE INFO

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www.arcitura.com/ccp.

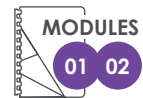
CLOUD CERTIFIED PROFESSIONAL (CCP)

CERTIFICATIONS

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CERTIFIED
Cloud Professional



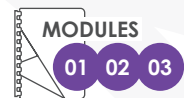
A Certified Cloud Professional has a proven understanding of cloud computing concepts, models and business considerations, and has further demonstrated proficiency in fundamental technology and security-related areas of cloud computing.



Arcitura®
CERTIFIED
Cloud Technology Professional



A Certified Cloud Technology Professional has obtained proven knowledge and capabilities pertaining to the identification, positioning and utilization of modern cloud technologies, mechanisms and associated security considerations.



Arcitura®
CERTIFIED
Cloud Architect



A Certified Cloud Architect has demonstrated proficiency in the technology architecture that underlies cloud platforms and cloud-based IT resources and solutions, and has mastered the hands-on application of design patterns, principles and practices used to engineer and evolve such environments.



Arcitura®
CERTIFIED
Cloud Security Specialist



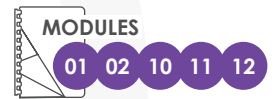
A Certified Cloud Security Specialist has detailed knowledge of common threats and vulnerabilities associated with cloud-based environments, and has demonstrated proficiency in establishing security controls and counter-measures via the mastery of cloud security patterns and practices.



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Cloud Governance Specialist



A Certified Cloud Governance Specialist has demonstrated proficiency in defining, establishing, and evolving governance controls and frameworks specifically for cloud-based IT resources and platforms in support of organizational and technological governance requirements.



Arcitura®
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Cloud Storage Specialist



A Certified Cloud Storage Specialist has obtained an in-depth level of proficiency with the mechanisms, devices, technologies, practices, and overall assessment criteria pertaining to cloud storage technologies and services.



Arcitura®
CERTIFIED
Cloud Virtualization Specialist



A Certified Cloud Virtualization Specialist has proven knowledge and proficiency with the technologies, mechanisms, platforms and practices based upon and associated with contemporary virtualization environments and cloud-based virtualization architectures.





MODULE 01 | Fundamental Cloud Computing

Concepts, terminology, technologies, benefits, challenges, SLAs and business cost metrics associated with cloud computing are covered, along with SaaS, PaaS, IaaS delivery models, common cloud deployment models and cloud characteristics.



MODULE 02 | Cloud Technology Concepts

This course covers a range of topics related to cloud computing mechanisms, containerization, cloud security threats and controls and essential cloud technologies. Also addressed are testing, cloud storage, industry standards and emerging technologies and trends.



MODULE 03 | Cloud Technology Lab

A hands-on lab during which participants apply practices, mechanisms and technologies to assemble cloud base solutions in order to fulfill a set of business automation requirements.



MODULE 04 | Fundamental Cloud Architecture

This course delves into the technology architecture of cloud platforms and cloud-based solutions and services by exploring a series of new cloud computing mechanisms and their utilization via cloud computing design patterns that encompass architectural models, design techniques and the incorporation of containerization.



MODULE 05 | Advanced Cloud Architecture

Advanced technology architecture topics are addressed in this course with a focus on complex cloud-based solution design, including the incorporation of hybrid cloud deployment models, compound design patterns, containerization and solution architectures that span cloud and on-premise environments.



MODULE 06 | Cloud Architecture Lab

A hands-on lab during which participants apply the patterns, models, concepts, techniques and mechanisms covered in previous courses, in order to complete a series of architectural and design exercises.

MORE INFO

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CLOUD CERTIFIED PROFESSIONAL (CCP)

CURRICULUM



MODULE 07 | Fundamental Cloud Security

This course dives into the implementation technologies behind the cloud security mechanisms first introduced in Module 2, and further explores how cloud-based security technologies can be configured and combined to establish a cloud security architecture.



MODULE 08 | Advanced Cloud Security

Complex security topics are addressed by this course, which introduces a set of security design patterns that address the application of cloud security mechanisms and technologies in order to establish sophisticated, custom security controls for preventative and reactionary responses to common threats and attacks.



MODULE 09 | Cloud Security Lab

A hands-on lab during which participants apply the patterns, concepts, techniques and mechanisms covered in previous courses, in order to complete a series of exercises that present real-world security problems.



MODULE 10 | Fundamental Cloud Governance

This course covers the essential building blocks required to establish a governance system for cloud environments. Topics include the definition of cloud governance precepts, roles, practices and processes, along with coverage of common governance challenges and pitfalls specific to cloud computing.



MODULE 11 | Advanced Cloud Governance

Advanced cloud governance topics are addressed by this course, which focuses on establishing regulatory controls and precepts for a range of cloud-based IT resources and solutions in relation to different cloud project delivery stages.



MODULE 12 | Cloud Governance Lab

A hands-on lab during which participants apply the cloud governance framework components, models, precepts and processes covered in previous courses, in order to complete a series of exercises.



MODULE 13 | Fundamental Cloud Storage

This course explores cloud storage devices, structures and technologies from an implementation-specific perspective, including cloud storage mechanisms and devices, along with in-depth coverage of NoSQL and cloud storage services.



MODULE 14 | Advanced Cloud Storage

A number of advanced topics are introduced in this course, including persistent, redundant, cloud-attached and cloud-remote storage, as well as cloud storage gateways, cloud storage brokers, DAS, NAS, SAN, various cloud storage-related design patterns and information lifecycle management as it applies to cloud-hosted data.



MODULE 15 | Cloud Storage Lab

A hands-on lab during which participants apply the patterns, concepts, practices, devices and mechanisms covered in previous courses, in order to complete a series of exercises that pertain to solving cloud storage problems and creating cloud storage architectures.



MODULE 16 | Fundamental Cloud Virtualization

Core topic areas pertaining to fundamental virtualization mechanisms and types used within contemporary cloud computing platforms are explored, along with various key performance indicators and related metrics.



MODULE 17 | Advanced Cloud Virtualization

A range of specialized and advanced design patterns are provided to explore virtualization-related reliability, performance and integration. Combinations of mechanisms are covered whereby the problem scenario, application and solution are presented for each individual design pattern.



MODULE 18 | Cloud Virtualization Lab

A hands-on lab during which participants apply the models, concepts, and techniques covered in previous courses, in order to complete a series of complex exercises.



Each BDSCP Certificate of Excellence is a formal documentation of accomplishments that proves that a candidate has demonstrated proficiency in a formalized field of practice within the Big Data industry. The attainment of a BDSCP certification brings with it several benefits that allow successful candidates to master Big Data from an industry and vendor-neutral perspective, become proficient in Big Data concepts, techniques and practices, learn about the mature and proven parts of the Big Data industry, become recognized as an accredited Big Data professional, better assess commercial and open source products and services offered in the Big Data market and be assigned project roles and responsibilities suitable for skill-sets proven by their certification.

Depending on the exam format chosen, attaining a BDSCP Certification can require passing a single exam or multiple exams. Arcitura exams are available at Pearson VUE testing centers, online proctoring and/or via on-site exam delivery. Upon achieving the accreditation, certification holders receive a formal digital certificate and an Acclaim/Credly digital badge with an account that supports the online verification of certification status.

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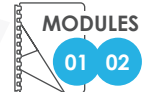
For curriculum information, visit www.arcitura.com/bdscp.

BIG DATA SCIENCE CERTIFIED PROFESSIONAL (BDSCP) CERTIFICATIONS

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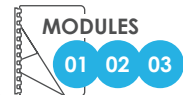
A Certified Big Data Professional has a proven understanding of Big Data concepts and technologies, and has further demonstrated proficiency in fundamental areas of Big Data, including analysis, analytics, models and practices.



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CERTIFIED
Big Data Science Professional



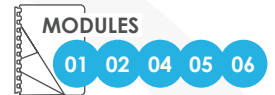
A Certified Big Data Science Professional has demonstrated proficiency in the analysis practices and technology concepts and mechanisms that comprise and are featured in contemporary Big Data environments and tools.



Arcitura
CERTIFIED
Big Data Scientist



A Certified Big Data Scientist has demonstrated proficiency in the application of techniques and tools required for exploring large volumes of complex data, as well as the assembly and consolidation of such data into intelligent and meaningful analysis results.



Arcitura
CERTIFIED
Big Data Consultant



A Certified Big Data Consultant has demonstrated proficiency in the most common Big Data analysis and analytics concepts and techniques, as well as contemporary Big Data technologies, tools and solution environments.



Arcitura
CERTIFIED
Big Data Engineer



A Certified Big Data Engineer has demonstrated proficiency in utilizing, configuring and programming an established Big Data solution (using Hadoop, MapReduce and other tools) to customize and optimize features in support of analysis and business requirements.



Arcitura
CERTIFIED
Big Data Architect



A Certified Big Data Architect has demonstrated proficiency in the design, implementation and integration of Big Data solutions, and associated patterns and mechanisms, within the IT enterprise and cloud-based environments.



Arcitura
CERTIFIED
Big Data Governance Specialist



A Certified Big Data Governance Specialist has demonstrated proficiency in establishing and administering Big Data governance frameworks that standardize and regulate the Big Data lifecycle, the bodies of data processed by Big Data solutions, as well as the Big Data environments themselves.





MODULE 01 | Fundamental Big Data

This foundational course establishes a basic understanding of Big Data from business and technology perspectives, including common concepts, models, benefits, challenges and adoption issues.



MODULE 02 | Big Data Analysis & Technology Concepts

This course explores contemporary analysis practices, technologies and tools for Big Data environments at a conceptual level, focusing on common analysis approaches, functions and features of Big Data solutions.



MODULE 03 | Big Data Analysis & Technology Lab

This hands-on lab provides a series of real-world exercises for assessing and establishing Big Data environments, and for solving problems using common Big Data analysis techniques and tools.



MODULE 04 | Fundamental Big Data Analysis & Science

This course provides essential coverage of Big Data analysis algorithms, as well as the application of analytics, data mining and basic mathematical and statistical techniques.



MODULE 05 | Advanced Big Data Analysis & Science

This in-depth course covers the application of a range of essential and advanced analysis techniques, including machine learning algorithms, data visualization and various forms of data preparation, querying and reporting.



MODULE 06 | Big Data Analysis & Science Lab

This case study-based lab provides a series of real-world exercises that require participants to apply Big Data analysis and analytics techniques to fulfill business requirements and solve complex problems.

MORE INFO

To purchase courses, visit www.arcitura.com/store/bdscp.



MODULE 07 | Fundamental Big Data Engineering

This course explores on the usage and application of the Hadoop and MapReduce frameworks, HDFS, Hive, Pig, Sqoop, Flume and NoSQL databases.



MODULE 13 | Fundamental Big Data Governance

This course introduces Big Data governance frameworks, and covers the basics of governing high-volume, multi-source data and Big Data technology environments.



MODULE 08 | Advanced Big Data Engineering

This course builds upon Module 7 to delve into advanced development, testing and debugging techniques, as well as the application of Big Data design patterns.



MODULE 14 | Advanced Big Data Governance

This course steps through the Big Data lifecycle to cover specific precepts, processes and associated policies for regulating disparate bodies of data and Big Data solution environments.



MODULE 09 | Big Data Engineering Lab

This hands-on lab during allows participants to carry out a series of exercises based upon the tools and technologies covered in preceding course modules.



MODULE 15 | Big Data Governance Lab

During this hands-on lab during participants are required to work with Big Data governance precepts, processes and policies to address a series of real-world governance concerns.



MODULE 10 | Fundamental Big Data Architecture

This course provides coverage of the Hadoop stack, data pipelines and other technology architecture layers, mechanisms and components, as well as associated design patterns.



MODULE 11 | Advanced Big Data Architecture

This course provides a drill-down of Big Data solution environments and additional advanced design patterns, as well as coverage of cloud-based implementations and enterprise integration considerations.



MODULE 12 | Big Data Architecture Lab

This hands-on lab provides a set of real-world exercises that challenge participants to build and integrate Big Data solutions within IT enterprises and cloud-based environments.

The SOA Certified Professional (SOACP) program from Arcitura provides formal education and accreditation programs dedicated to fields of practice associated with Service Technology, including microservices, service API design and management, service security and governance and service-oriented architecture.



Each SOACP Certificate of Excellence is a formal documentation of accomplishments that proves that a candidate has demonstrated proficiency in a formalized field of practice within the microservice, service API, SOA and service technology industries. The attainment of an SOACP certification brings with it several benefits that allow successful candidates to develop and master skills from an industry and vendor-neutral perspective, become proficient in related concepts, technologies and practices, learn about the mature and proven parts of the industry, become recognized as an accredited professional, better assess commercial products, platforms and services offered by product vendors and be assigned project roles and responsibilities suitable for skill-sets proven by their certifications.

Depending on the exam format chosen, attaining a SOACP Certification can require passing a single exam or multiple exams. Arcitura exams are available at Pearson VUE testing centers, online proctoring and/or via on-site exam delivery. Upon achieving the accreditation, certification holders receive a formal digital certificate and an Acclaim/Credly digital badge with an account that supports the online verification of certification status.

MORE INFO

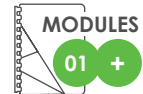
For curriculum information, visit www.arcitura.com/soacp.

SOA CERTIFIED PROFESSIONAL (SOACP) CERTIFICATIONS

Arcitura®
CERTIFIED
SOA Professional



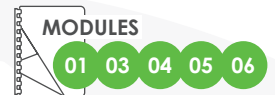
A Certified SOA Professional has completed one specialized certification, multiple specialized certifications, or has met minimum SOACP qualifications by demonstrating proficiency in fundamental service technology, microservices and service-oriented architecture, plus one additional area.



Arcitura®
CERTIFIED
SOA Analyst



A Certified SOA Analyst has demonstrated proficiency in the modeling of service APIs, microservice APIs, service compositions and the definition of service portfolio blueprints, through the mastery of service modeling processes, business service definition practices and related patterns and principles.



Arcitura®
CERTIFIED
SOA Architect



A Certified SOA Architect has demonstrated proficiency in the technology architecture models and mechanics of service and service composition implementations, through the mastery of patterns, principles, practices and industry-standard technologies required to engineer modern-day services-based solutions.



Arcitura®
CERTIFIED
Microservice Architect



A Certified Microservice Architect has demonstrated proficiency in the technology architecture models and mechanics of microservice implementations and containerization environments, through the mastery of patterns, practices and industry-standard technologies required to engineer contemporary microservices.



Arcitura®
CERTIFIED
Service Technology Consultant



A Certified Service Technology Consultant has demonstrated proficiency in a range of technical proficiencies relevant to the technology and architecture of services, microservices and SOA so as to provide leadership, guidance and comprehensive advisory services for project teams.



Arcitura®
CERTIFIED
Service API Specialist



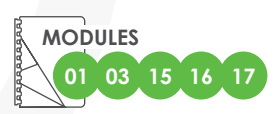
A Certified Service API Specialist has demonstrated proficiency with the design of service APIs, associated coupling types and both binary and non-binary protocols, as well as the management of service APIs and associated monetization and versioning requirements.



Arcitura®
CERTIFIED
Service Governance Specialist



A Certified Service Governance Specialist has demonstrated proficiency in project delivery methodologies and the definition and evolution of service governance frameworks, precepts and processes in support of organizational and technological service governance requirements.



Arcitura®
CERTIFIED
Service Security Specialist



A Certified Service Security Specialist has comprehensive knowledge of common threats and vulnerabilities associated with services-based solutions and modern service technologies, and has demonstrated proficiency in applying security controls and building contemporary security solutions.





MODULE 01 | Fundamental SOA, Services & Microservices

An easy to understand, end-to-end overview of contemporary service concepts and technologies pertaining to modern-day microservices and service-oriented computing.



MODULE 02 | Service Technology Concepts

A course that focuses on modern service technologies, models and concepts that have established de facto implementation mediums for building contemporary services-based solutions.



MODULE 03 | Design & Architecture with SOA, Services & Microservices

Essential topics pertaining to service architectural models and practices and principles relevant to service and microservice design, along with a range of distinct considerations for designing service-oriented solutions with REST services and Web services.



MODULE 04 | Fundamental SOA Analysis & Modeling with Services & Microservices

Provides comprehensive coverage of SOA analysis techniques and approaches, including strategies and concepts for service modeling, composition modeling and microservice modeling.



MODULE 05 | Advanced SOA Analysis & Modeling with Services & Microservices

Delves into the step-by-step processes for the analysis and modeling of services and microservices for REST service and Web service environments, with an emphasis on establishing effective service layers as part of an overall conceptual blueprint.



MODULE 06 | SOA Analysis & Modeling Lab with Services & Microservices

A lab during which participants apply the concepts, processes, techniques, patterns and principles covered in previous courses in order to complete a set of analysis and modeling exercises.



MODULE 07 | Advanced SOA Design & Architecture with Services & Microservices

Provides an in-depth exploration of the overarching models and underlying mechanics of service-oriented technology architecture. A wide range of topic areas is covered to provide techniques, insights and perspectives of the inner workings of service and composition architectures, including messaging, microservice deployments, service contracts, API gateways, containerization and many more.

MORE INFO

To purchase courses, visit www.arcitura.com/store/soacp.

SOA CERTIFIED PROFESSIONAL (SOACP) CURRICULUM



MODULE 08 | SOA Design & Architecture Lab with Services & Microservices

A lab during which participants apply the technologies, concepts, techniques, patterns and principles previously covered in order to complete a set of design exercises.



MODULE 15 | Fundamental Service Governance & Project Delivery

Service project delivery methodologies are explained, including top-down and agile delivery. Governance technology and task types are established, along with service vitality triggers and processes.



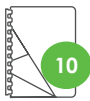
MODULE 09 | Fundamental Microservice Architecture & Containerization

Establishes foundational microservice architecture and design models and further introduces containerization concepts and container characteristics. Topics covered include microservice deployment, provisioning, registration and isolation levels, as well as logical containers, PODs and composition architecture.



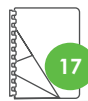
MODULE 16 | Advanced Service Governance & Project Delivery

A range of service governance precepts and processes is covered, including those that address service usage, monitoring, legal data audits, testing practices, as well as service analysis, design and programming.



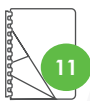
MODULE 10 | Advanced Microservice Architecture & Containerization

Provides a patterns-centric, in-depth exploration of the practices, models and technology architectures behind microservices and containerization. Topics include microservice scaling, data management and autonomous ownership and versioning, as well as event sourcing, CQRS, composite isolated containers and container hosting models.



MODULE 17 | Service Governance & Project Delivery Lab

A lab during which participants are required to solve a number of service governance-related problems associated with establishing service lifecycle governance programs, measuring and identifying weaknesses in existing governance systems.



MODULE 11 | Microservice Architecture & Containerization Lab

A lab during which participants apply the concepts, processes, techniques, patterns and principles previously covered in order to a complete a set of architectural and design exercises pertaining to microservices and the use of containerization.



MODULE 18 | Fundamental Security for Services, Microservices & SOA

Provides essential techniques, patterns and industry technologies that pertain to establishing security controls and security architectures for services, microservices and service-oriented solutions.



MODULE 12 | Fundamental Service API Design & Management

Essential topics are covered pertaining to modern-day service API design and management, including positive and negative API coupling types, API proxies, API gateways and API versioning.



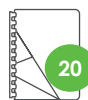
MODULE 19 | Advanced Security for Services, Microservices & SOA

Covers a series of technical and complex security topics pertaining to contemporary microservice deployments, service-oriented solution design, infrastructure, API gateways and modern service technologies.



MODULE 13 | Advanced Service API Design & Management

Advanced coverage of service API design and management patterns and practices, data serialization protocols and binary and non-binary communication protocols.



MODULE 20 | Security Lab for Services, Microservices & SOA

A lab during which participants apply security patterns, practices, and technologies to counter threats and solve a set of complex security problems.



MODULE 14 | Service API Design & Management Lab

A lab during which participants apply the concepts, techniques and patterns previously covered to a solve problems and complete a set of service API designs.

GET/



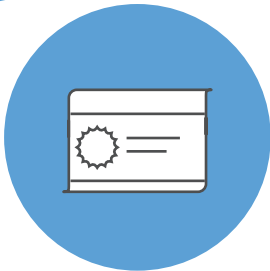
GET TRAINED

Attend private or public instructor-led workshops or purchase study kits or eLearning video course subscriptions. Visit www.arcitura.com/about for details.



GET TESTED

Take exams anywhere in the world via Pearson VUE testing centers, Pearson VUE online proctoring and via on-site testing at your location. Visit www.arcitura.com/exams for details.



GET CERTIFIED

Get recognized by attaining one or more industry certifications. Visit www.arcitura.com/certifications for certification requirements and curriculum details.



GET NOTICED

Market your accomplishments via social media using official digital certificates, badges and logos. Visit www.arcitura.com/community.



HOW TO GET TRAINED

Onsite
Classroom



Virtual
Classroom



LIVE VIRTUAL TRAINING

Both private and public workshops can be delivered virtually by Certified Trainers, allowing you to attend remotely. Virtual workshop participants can take exams at Pearson VUE testing centers or via online proctoring.



PRIVATE & PUBLIC WORKSHOPS

Arcitura Certified Trainers can deliver private on-site workshops at your location, which can include on-site proctored exams. Numerous public workshops are also made available throughout the world on a regular basis.



SELF-STUDY WITH eLEARNING

Select Arcitura courses are available as Online Video Courses that can be purchased on a subscription basis and are also available with discounted Pearson VUE exam vouchers.



SELF-STUDY WITH STUDY KITS

Arcitura courses are available for purchase as Study Kits, which contain base course materials plus supplements designed for self-paced study and exam preparation. Study Kits can be purchased with discounted Pearson VUE exam vouchers.

HOW TO GET TESTED

You can take exams anywhere in the world via Pearson VUE testing centers, Pearson VUE online proctoring and Arcitura on-site exam proctoring at your location. Visit www.arcitura.com/exams for details.



TAKING EXAMS VIA **ONLINE PROCTORING**

Take exams via Pearson VUE Online Proctoring, which enables you to be tested from your home or office workstation. Exams can be scheduled at almost any location and for any time zone, and often on short notice. Online registration at www.pearsonvue.com/arcitura/op.



TAKING EXAMS AT **TESTING CENTERS**

Take exams at Pearson VUE testing centers located throughout the world. Visit www.pearsonvue.com/arcitura for location and scheduling details.



TAKING EXAMS AT **YOUR LOCATION**

Have an Arcitura Certified Trainer visit your location to deliver and proctor exams in-person and on-site. Visit www.arcitura.com/about/private-on-site-exam-proctoring for details.

HOW TO GET CERTIFIED

Arcitura Education is dedicated to establishing progressive, vendor-neutral curricula with an emphasis on modern-day IT innovations.

Arcitura follows a simple philosophy to establishing formal accreditation. The issuance of a certification must represent demonstrated and undeniable proof that the candidate has obtained industry-standard proficiency in the skill-set represented by the certificate.

To this end, exams, certification criteria and supporting course materials are subjected to vigorous development, review and verification cycles and are further maintained to ensure on-going alignment with the IT industry.

To achieve an Arcitura accreditation requires proving that you have attained proficiency in your chosen field of practice. This requires the dedication to study the topics encompassed by your chosen certification track and the ability to prove your mastery of those topics when taking formal exams. Once you fulfill the criteria for a certification, you will automatically be notified of your achievement and you will receive access to associated resources and benefits. ■





PRIVATE WORKSHOPS

Arcitura staff and trainers are highly experienced in the planning, delivery and management of private on-site training workshops. Over the years, Arcitura has delivered many private workshops to a range of clients around the world, including federal government agencies and numerous Fortune 500 organizations. For any potential private training event, we will take the time to collect the necessary information to understand your training and/or accreditation requirements and preferences, and will then put together a custom proposal. We review this proposal with you to help determine the best delivery option in support of your budget and training goals. A custom workshop agenda is then mutually defined, comprised of the set of course modules that correspond to the skill-sets you would like to develop and/or the accreditations you are interested in having your team achieve. ■

EXAM FORMATS

For each certification, candidates have three flexible exam format options:

- Complete one module-specific exam for each course module in a certification track. This is recommended for those who want to progress gradually through a track and who would like to be assessed after each course module before proceeding to the next.
- Complete a single combined exam for the entire certification track. Recommended for those who want to only take a single exam that encompasses all course modules within a track.
- Complete a partial exam for a certification track. Recommended for those who have already obtained a certification and would like to achieve another certification without having to be retested on fundamental course topics.

Not all exam formats may be available via all exam delivery options. Contact info@arcitura.com for more information. ■



BECOME/



BECOME A **CERTIFIED TRAINER**

Arcitura Education has established a comprehensive Trainer Development Program that guides individuals through a series of steps to help them work toward the requirements for teaching official courses on behalf of Arcitura Education and licensed Arcitura training partners.

Arcitura Certified Trainers travel the world delivering public and private on-site workshops. If you feel you have what it takes to transfer your knowledge and expertise to others, then you should consider exploring the Trainer Development Program.

To learn more, visit www.arcitura.com/trainer.

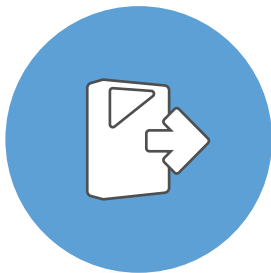


BECOME A **TRAINING PARTNER**

Whether you are with a private training provider, an academic institution or part of an organization interested in bringing training in-house, Arcitura Education has a set of flexible partnering and licensing models that can accommodate a broad range of requirements and budgets.

Arcitura course modules and Certified Professional programs can be licensed by eligible third-party organizations. Licensing is an effective option for training partners interested in making Arcitura courses and workshops available to regional markets and for organizations to deliver internal training programs via in-house Certified Trainers.

To learn more, visit www.arcitura.com/partner.



BECOME A **RESELLER**

Arcitura offers formal and informal reseller agreements that are used for training partners, training product vendors and academic institutions interested in reselling Arcitura educational products and training services.

Regional resellers further have the opportunity to establish levels of exclusivity within specific geographical territories, which generally require longer term agreements and commitments.

To learn more, visit www.arcitura.com/reseller.



	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
MODULE 01 Fundamental Digital Transformation	●	●	●	●	●	●	●
MODULE 02 Digital Transformation in Practice	●	●	●	●	●	●	●
MODULE 03 Fundamental Cloud Computing		●	●				
MODULE 04 Fundamental Blockchain		●	●			●	●
MODULE 05 Fundamental IoT		●	●				
MODULE 06 Cloud Architecture			●				
MODULE 07 Blockchain Architecture			●				●
MODULE 08 IoT Architecture			●				
MODULE 09 Fundamental Big Data				●	●		
MODULE 10 Fundamental Machine Learning				●	●		
MODULE 11 Fundamental AI				●	●		
MODULE 12 Advanced Big Data					●		
MODULE 13 Advanced Machine Learning					●		
MODULE 14 Advanced AI					●		
MODULE 15 Fundamental Cybersecurity						●	●
MODULE 16 Advanced Cybersecurity							●

To learn more, visit: www.arcitura.com/digitaltransformation

		Certified DevOps Specialist	Certified Blockchain Architect	Certified Machine Learning Specialist	Certified Artificial Intelligence Specialist	Certified IoT Architect	Certified Containerization Architect	Certified Cybersecurity Specialist
DEVOPS MODULE 01	Fundamental DevOps	●						
DEVOPS MODULE 02	DevOps in Practice	●						
DEVOPS MODULE 03	DevOps Lab	●						
BLOCKCHAIN MODULE 01	Fundamental Blockchain		●					
BLOCKCHAIN MODULE 02	Blockchain Technology & Architecture		●					
BLOCKCHAIN MODULE 03	Blockchain Technology & Architecture Lab		●					
MACHINE LEARNING MODULE 01	Fundamental Machine Learning			●				
MACHINE LEARNING MODULE 02	Advanced Machine Learning			●				
MACHINE LEARNING MODULE 03	Machine Learning Lab			●				
AI MODULE 01	Fundamental Artificial Intelligence				●			
AI MODULE 02	Advanced Artificial Intelligence				●			
AI MODULE 03	Artificial Intelligence Lab				●			
IoT MODULE 01	Fundamental IoT					●		
IoT MODULE 02	IoT Technology & Architecture					●		
IoT MODULE 03	IoT Technology & Architecture Lab					●		
CONTAINERIZATION MODULE 01	Fundamental Containerization						●	
CONTAINERIZATION MODULE 02	Containerization Technology & Architecture						●	
CONTAINERIZATION MODULE 03	Containerization Technology & Architecture Lab						●	
CYBERSECURITY MODULE 01	Fundamental Cybersecurity							●
CYBERSECURITY MODULE 02	Advanced Cybersecurity							●
CYBERSECURITY MODULE 03	Cybersecurity Lab							●

To learn more, visit: www.arcitura.com/nextgen

	Certified Cloud Professional*	Certified Cloud Technology Professional	Certified Cloud Architect	Certified Cloud Security Specialist	Certified Cloud Governance Specialist	Certified Cloud Storage Specialist	Certified Cloud Virtualization Specialist
MODULE 01 Fundamental Cloud Computing	●	●	●	●	●	●	●
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							●

*The Certified Cloud Professional designation is automatically issued when achieving any other CCP certification. It can also be achieved by receiving passing grades on Exams C90.01 + C90.02.

BIG DATA SCIENCE CERTIFIED PROFESSIONAL (BDSCP)

BIG DATA SCIENCE SCHOOL



	Certified Big Data Professional*	Certified Big Data Science Professional	Certified Big Data Scientist	Certified Big Data Consultant	Certified Big Data Engineer	Certified Big Data Architect	Certified Big Data Governance Specialist
MODULE 01 Fundamental Big Data	●	●	●	●	●	●	●
MODULE 02 Big Data Analysis & Technology Concepts	●	●	●	●	●	●	●
MODULE 03 Big Data Analysis & Technology Lab		●		●			
MODULE 04 Fundamental Big Data Analysis & Science			●	●			
MODULE 05 Advanced Big Data Analysis & Science			●				
MODULE 06 Big Data Analysis & Science Lab			●				
MODULE 07 Fundamental Big Data Engineering				●	●		
MODULE 08 Advanced Big Data Engineering					●		
MODULE 09 Big Data Engineering Lab					●		
MODULE 10 Fundamental Big Data Architecture						●	
MODULE 11 Advanced Big Data Architecture						●	
MODULE 12 Big Data Architecture Lab						●	
MODULE 13 Fundamental Big Data Governance							●
MODULE 14 Advanced Big Data Governance							●
MODULE 15 Big Data Governance Lab							●

* The Certified Big Data Professional designation is automatically issued when achieving any other BDSCP certification. It can also be achieved by receiving passing grades on Exams B90.01 + B90.02.

To learn more, visit: www.arcitura.com/bdscp



		Certified SOA Professional*	Certified SOA Analyst	Certified SOA Architect	Certified Microservice Architect	Certified Service Tech Consultant	Certified Service API Specialist	Certified Service Governance Specialist	Certified Service Security Specialist
MODULE 01	Fundamental SOA, Services & Microservices	●	●	●	●	●	●	●	●
MODULE 02	Service Technology Concepts	○		●	●	●	●		●
MODULE 03	Design & Architecture w/ SOA, Services & Microservices	○	●	●				●	
MODULE 04	Fundamental SOA Analysis & Modeling w/ Services & Microservices		●						
MODULE 05	Advanced SOA Analysis & Modeling w/ Services & Microservices		●						
MODULE 06	SOA Analysis & Modeling Lab w/ Services & Microservices		●						
MODULE 07	Advanced SOA Design & Architecture w/ Services & Microservices			●					
MODULE 08	SOA Design & Architecture Lab w/ 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								●

* The Certified SOA Professional designation is automatically issued when achieving any other SOACP certification. It can also be achieved by receiving passing grades on Exams S90.01B + S90.02B or S90.01B + S90.03B.



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www.arcitura.com