CLaaS® Academy

Post-Graduate Programs Overview

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Applied Master in Digital Business

Program Overview

The Applied Master's in Digital Business degree aims to equip learners with digital transformation, digital sales, digital marketing, digital operations, enterprise applications, business analytics and digital workplace implementation.

With completion of two post-graduate certificates out of 6 available, learner will be entitled to a post-graduate diploma. After that, learner will be awarded an applied master on completion of the digital transformation post-graduate certificate.

The post-graduate certificate for digital transformation comprises of modules for digital business innovation design, digital innovation and technology, digital transformation insights and digital transformation project capstone.

The post-graduate certificates for digital sales comprises of modules for solution sales, digital marketing, integrated sales & Marketing, and a digital sales project capstone.

The post-graduate certificate for digital marketing comprises of modules for digital marketing, contents marketing, marketing analytics & SEO and a digital marketing project capstone.

The post-graduate certificates for digital operations comprises of digital innovations, robotic process automation, end-user application development and a digital workplace project capstone.

The post-graduate certificates for business analytics comprises of modules for data queries and visualization basics, business analytics application, business analytics insights and a business analytics project capstone.

The post-graduate certificates for data science comprises of modules for data science essentials, R programming, statistical thinking for data science & analytics and a capstone module for a data science implementation.

The post-graduate certificates for enterprise application comprises of 4 tracks (3 in SAP ERP and 1 in Microsoft Dynamics ERP) out of which candidates need to choose one track. Each track comprises of 3 modules of different level of ERP Applications and one ERP implementation capstone.

Program Delivery Mode & Duration

Each post-graduate certificate can be completed in 4 months on full time mode and 6 months on part time mode. An applied master can be completed in 12 months full-time or 18 months part time.

This course is delivered in work-based blended applied mode which comprises self-paced E-learning and Instructor- led flipped Classes with personalized mentoring by industry practitioners. It is aligned around a competency-based curriculum for deep domain skills and broad competencies required by employers and the industry. Our learner progress from knowledge acquisition in the classroom to higher order skills application and on-the-job skills mastery at the workplace using real- life or simulated projects.

Target Audience

- Candidates who have completed
    - Bachelor's degree from a recognized university
    - Recognized professional qualification with relevant work experience

- Matured candidates with relevant work experience

Post-Graduate Certificate in Digital Transformation

1. Business Innovation Design

The module introduces learners to business innovation design using Ten Type of Innovation concept. The concept looks beyond new products to nine other power type of innovation, which can be combined for competitive advantage. For ideation and problems solving, learners will learn to use the 5 stages design thinking process for generating innovative and user centric solutions.

Having generated the new idea, learners will design an innovative business model applying the Lean Canvas Methodology, which is a de facto standard methodology used by technology startup to quickly formulate possible business models, identify product market fit, establish go to market channel determine revenue and costs structure.

2. Digital Innovation & Technology

The module introduces learners to emerging technologies trends and the cause and effect for the future workplace. It aims to equip learners with modern workplace skills leveraging on emerging digital innovations including unified communication platform, robotic process automation software and intelligent AI chatbot for building a collaborative and connected workplace with efficiency and accessibility.

3. Digital Transformation Insights

This module covers the knowledge and skills in integrating the art and science of business and digital innovation design and technology like a professional with multiple case studies including lean canvas analytics, business models, data analytics, AI chatbot, This module also covers the advance features of business innovation design.

4. Digital Transformation Project Capstone

Digital Transformation is a continuous process in which enterprises leverage various digital technologies, tools, and best practices to create innovative business models, products, and services, while improving operational efficiency and organizational performance.

Learners will apply their knowledge and skills gained from this program including digital business development skills, digital marketing skills and business management skills to support the transformation of the business.

Post-Graduate Certificate in Digital Sales

1. Solution Sales

Learners will define product market fit using sales canvas methodology to identify buyer persona, establish problems statement, design solution mapping, predict sales objections, formulate sales & marketing channels, and determine market viability.

Learners will prepare sales pitch and presentation guided by Sales Canvas developed to support full sales cycle engagement from sales discovery, solutioning & sales closing to customer advocacy.

2. Digital Marketing

Learners will learn digital marketing principles, digital marketing channels and digital marketing technique to launch digital marketing campaigns with effective content for supporting each stage of the customer lifecycle using Facebook and google.

3. Integrated Sales & Marketing

Most traditional businesses segregate their sales and marketing functions resulting in longer sales cycle and bad customer experience. Learners will learn how to setup an integrated sales and marketing process with unified digital sales and marketing technologies to take a prospective customer from initial awareness to becoming a loyal customer in real time.

4. Digital Sales Project Capstone

Learners will apply their knowledge and skills gained to implementation an integrated digital Sales project in their organization including sales canvas, sales & marketing channels, campaign planning, campaign development, sales and marketing processes and technology implementation, campaign optimization and marketing campaign return on investment assessment

Post-Graduate Certificate in Digital Marketing

1. Digital Marketing

Learners will learn digital marketing principles, digital marketing channels and digital marketing technique to launch digital marketing campaigns with effective content for supporting each stage of the customer lifecycle using Facebook and google.

2. Contents Marketing

For this module, learners gained conceptual knowledge and skills for content marketing. It covers activities such as establishing customer journey, develop content plan, design and develop compelling content. Learners will also create and implement a content marketing campaign**.**

3. Marketing Analytics & SEO

Search Engine Marketing and Optimization module enables the learners to master SEO strategies and on page & off-page optimization and understand the role of content in SEO. The learners will be able to execute ad campaigns in Google Ads. The learners also learn how to set up Google Analytics and gain insights from various reports, set up dashboards, customize reports, create and track goals and perform conversion rate analysis and analysis of user behavior on websites.

4. Digital Marketing Project Capstone

Learners will practice Digital Marketing skills and learn how to develop a marketing plan, monitor email marketing and digital marketing campaigns on Social Media, Google Ads & Facebook, and optimize campaigns and provide recommendations for improving ROI.

Post-Graduate Certificate in Digital Operations

1. Digital Innovations

The module introduces learners to emerging technologies trends and the cause and effect for the future workplace. It aims to equip learners with modern workplace skills leveraging on emerging digital innovations including unified communication platform, power BI, robotic process automation software and intelligent AI chatbot for building a collaborative and connected workplace with efficiency and accessibility.

2. Robotic Process Automation

Learner will acquire robotic process automation skills using Microsoft automate to streamline business processes and workflow to drive workplace innovation and job redesign for the digital workplace. This course is mapped to the Microsoft module "Microsoft Power Platform Fundamentals" for the job role "Business User, Functional Consultant". Candidates are able to appear for the certification "Microsoft Certified: Power Platform Fundamentals – PL-900" after completion of this course.

3. Application Development

This course aims to equip learners with knowledge and skills to build business applications with rich business logic and workflow capabilities to transform an organization manual business processes to digital, automated processes with little-to-no code.
This course is mapped to the Microsoft module "Microsoft Power Platform App Maker" for the job role "Business Analyst & Devops Engineer ".Candidates are able to appear for the certification "Microsoft Certified: Power Platform App Maker Associate – PL-100" after completion of this course.

4. Digital Workplace Capstone Project

Learners will apply their knowledge and skills gained on digital innovation, data visualization using power BI, Robotic process automation and agile applications development to implement a collaborative and connected workplace able to compete in the new digital economy.

Post-Graduate Certificate in Business Analytics

1. Data Queries and Visualization Basics

This module helps the learners to acquire knowledge and skills in exploring data using Power BI and Power BI Desktop which is a cloud-based business analytics service that converts data from various data sources and helps create live dashboards to stay up to date with the information and explore further with reports from a Power BI Dashboard.

2. Business Analytics Application

Learners will apply their data analytic skills to develop a business analytic application for digital sales and marketing. Learners will be given introduction to digital sales and marketing processes, digital sales and marketing performance matrices, multi-dimensional data modeling, dashboard for data visualization to develop business analytics for digital sales & marketing using Microsoft Power BI.

3. Business Analytics Insights

This module covers the knowledge and skills in integrating the art and science of data storytelling into your work by analyzing data like a professional with multiple case studies including financial analytics, customers analytics and operations analytics. This module also covers the advance features of Power BI which can be used in data analysis.

4. Business Analytics Implementation (Capstone)

Learners will apply data analytics knowledge and skills gained to develop and implement an enterprise-wide business analytics application for intelligence decision making.

Post- Graduate Certificate in Data Science

1. Data Science Essentials

This module will equip the learners to excel in the core principles of data science from acquiring data, transforming data to visualizing data, and building predictive analytics using Azure Machine Learning and Advanced R programming and Azure Machine Learning.

2. R Programming

The objective of this module is to impart conceptual knowledge and skills of R programming functions such as conditionals, looping, user-defined recursive procedures, and various I/O facilities. This module also covers data manipulation, statistical modeling, graphics and creating stunning data visualizations and predict Time Series data using R programming functions

3. Statistical thinking for data science & analytics

This module will impart conceptual knowledge and skills in statistics, basic probability, derivatives, random variables, sampling, confidence intervals, and hypothesis testing using R. Learners will learn how to use statistical methods to run simulations of a model using simple mathematical equations and apply basic legal/ethical framework in Data Science.

4. Data Science Implementation (Capstone)

Learners will apply data science knowledge and skills gained to develop and implement a data science project leveraging on predictive analytics, data visualization, data extraction using data science technology including R programming and Azure Machine learning.

Post-Graduate Certificate in ERP Applications

Track 1 – SAP ERP-Financial Accounting

1. Basic

This module helps the learners to acquire knowledge and skills in basic principles of accounting such as accounts payable, accounts receivable, general ledger, account posting. Learners will be performing all basic financial accounting transactions in SAP FI system such as setting up enterprise structure, create master data, execute posting control transactions, payment terms, taxes codes and cash discounts.

2. Intermediate

The objective of this module is to impart conceptual knowledge and skills in additional accounting transactions in SAP ERP FI system such as configure payment program, create and maintain asset accounts, execute program for fiscal year change, perform year end account closing, execute depreciation related transaction and generate financial reports.

3. Advanced

This module covers the knowledge and skills in advanced financial accounting transactions in SAP ERP FI system such as foreign currency valuation, managing financial statements, executing balance audit reports, drilldown reports, and processing manual postings in account approach. Completion of this module will enable the learners to perform the SAP FI consultant role.

4. Capstone Project

Learners will apply their SAP ERP Financial Accounting knowledge and skills in the given real time scenario of the organization in terms of functional & non-functional requirements and do the necessary mapping of these requirements to SAP ERP financial accounting systems and transfer the existing data from the legacy system to the ERP FI system.

Learners will test the SAP FI system by performing all the financial accounting transactions using the organization's FI data and do the necessary changes in the configuration based on the testing results.

Learns are eligible to appear for the SAP certification exam in Financial Accounting after completion of this course.

Track 2 – SAP ERP-Materials Management

1. Basic

This module helps the learners to acquire knowledge and skills in procurement process and materials management related organization structure. Learners will execute the basic procurement and inventory related transactions such as create purchase requisition, vendor quotation processing, create purchase order, receipt of goods and process vendor invoices in SAP MM system. Learners will also learn to create master data such as materials master and vendor master in the SAP MM system.

2. Intermediate

The objective of this module is to impart conceptual knowledge and skills in additional materials management transactions in SAP ERP MM system such as procurement optimization of contract, schedule agreement and materials requirement planning. Learners will also perform procurement through MRP, physical inventory related transactions and different vendor account postings in SAP MM system.

3. Advanced

This module covers the knowledge and skills in configuration of complete materials management functionalities to the organization in SAP ERP MM System such as material master, vendor master settings, automatic account determination settings, inventory related settings, material types and enterprise structure related settings. Completion of this module will enable the learners to perform the SAP MM consultant role.

4. Capstone Project

Learners will apply their SAP ERP Materials Management knowledge and skills in the given real time scenario of the organization in terms of functional & non-functional requirements and do the necessary mapping of these requirements to SAP ERP materials management systems and transfer the existing data from the legacy system to the SAP MM system.

Learners will also test the SAP MM system by performing all the material management transactions using the organization's MM data and do the necessary changes in the configuration based on the testing results. Learns are eligible to appear for the SAP certification exam in Materials Management after completion of this course.

Track 3 – SAP ERP-Sales & Distribution

1. Basic

This module helps the learners to acquire knowledge and skills in sales and distribution process and sales & distribution related organization structure. Learners will create materials and customer master data and execute basic sales & distribution related transactions such as, enquiry, sales order, delivery order, shipping, and invoicing. Learners will also do the necessary basic configuration settings required to perform the basic SD transactions in SAP SD system.

2. Intermediate

The objective of this module is to impart conceptual knowledge and skills in additional sales & distribution related transactions in SAP ERP SD system such as posting outbound deliveries, configuring pricing, working with conditions techniques of pricing. Learners will also perform maintaining the organization units for delivery processes, adjusting the delivery and transportation scheduling, and picking and packing of materials for outbound deliveries in SAP SD system.

3. Advanced

This module covers the knowledge and skills in configuration of complete sales & distribution functionalities to the organization in SAP ERP SD System such as setting up the account determination, copying control and text control, adjusting out determination, enhancements and modifications, functions of user exits, reports and programs. Completion of this module will enable the learners to perform the SAP SD consultant role.

4. Capstone Project

Learners will apply their SAP ERP Sales & Distribution knowledge and skills in the given real time scenario of the organization in terms of functional & non-functional requirements and do the necessary mapping of these requirements to SAP ERP sales & distribution systems and transfer the existing data from the legacy system to the SAP SD system.

Learners will also test the SAP SD system by performing all the sales & distribution transactions using the organization's SD data and do the necessary changes in the configuration based on the testing results. Learns are eligible to appear for the SAP certification exam in Sales & Distribution.

Track 4 – Microsoft Dynamics ERP

1. Finance

This module covers the knowledge and skills in setting up basic and advanced financial functions in Microsoft Dynamics 365 Business Central to manage a organizations' financial activities. Learners will perform finance related transactions in ERP system such as accounting periods, chart of accounts, GL accounts, bank accounts, create and post journal entries. Learners will also manage checks and reconcile payments and multicurrency, cost accounting, cash flow forecast, budget transactions and financial reporting in Microsoft Dynamics 365 Business Central ERP system

2. Sales

This module covers the knowledge and skills in setting up basic and advanced sales functions in Microsoft Dynamics 365 Business Central to manage a organizations' sales activities. Learners will perform sales related transactions in ERP system such as sales order management, use drop shipment, sales prices and discounts, item descriptions, sell non-stock items, customer returns and invoicing. Learners will also perform configuration setting related to procurement and inventory in Microsoft Dynamics 365 Business Central ERP System

3. Purchase & Inventory

This module covers the knowledge and skills in setting up basic and advanced purchase and inventory functions in Microsoft Dynamics 365 Business Central to manage organizations' purchase and inventory related activities. Learners will perform procurement related transactions such as purchase requisition, quotation processing, purchase order management. Learners will also perform inventory related transactions such as receipt of goods and services, return of goods, availability checks and reserve an item.

4. Capstone Project

Learners will apply their Microsoft dynamics 365 business central knowledge and skills in the given real time scenario of the organization in terms of functional & non-functional requirements and do the necessary mapping of these requirements to Microsoft ERP systems and transfer the existing data from the legacy system to the Microsoft ERP system.

Learners will also test the Microsoft ERP system by performing all the finance, sales, purchase, and inventory related transactions using the organization's data and do the necessary changes in the configuration based on the testing results. Learns are eligible to appear for the Microsoft Dynamics ERP application certification exam after completion of this course.

Applied Master in Software Engineering

Program Overview

The Applied Master's in Software Engineering degree aims to equip learners with knowledge and skills in full-stack software development, artificial intelligence and data science.

With completion of two of three post-graduate certificates, learner will be entitled to a post-graduate diploma. After that, learner will be awarded an applied master on completion of the industry master capstone project.

The post-graduate certificate for software development comprises of modules for full-stack software applications development with enterprise applications capstone.

The post-graduate certificates for Artificial Intelligence comprises of modules for applied azure machine learning, deep learning using python, reinforcement learning and a capstone module for AI implementation.

The post-graduate certificates for enterprise applications comprises of modules for business process, enterprises resource planning systems, agile project and change management and enterprise resource planning implementation.

Program Delivery Mode & Duration

Each post-graduate certificate can be completed in 4 months on full time mode and 6 months on part time mode. An applied master can be completed in 12 months full-time or 18 months part time.

This course is delivered in work-based blended applied mode which comprises self-paced E-learning and Instructor- led flipped Classes with personalized mentoring by industry practitioners. Our learner progress from knowledge acquisition in the classroom to higher order skills application and on-the-job skills mastery at the workplace using real- life or simulated projects.

It is aligned around a competency-based curriculum for deep domain skills and broad competencies required by employers and the industry.

Target Audience

a. Candidates who have completed
    i. Bachelor's degree from a recognized university
    ii. With basic exposure to software programming
    iii. Recognized professional qualification with relevant work experience

b. Matured candidates with relevant work experience

Post-Graduate Certificate in Software Development

1. Front end development

Learn to design basic software components using Java and understand object-oriented concepts, develop JSP pages with database integration and create documentation for the developed Java application. Learn basic web design skills using HTML, CSS & Java script along with interactive library like jQuery.

2. UI frameworks

Learn techniques for gathering and analyzing user feedback. Learners will also acquire knowledge on Bootstrap, understand the basics of Angular JS as well as do testing on software / application design.

3. Database design & development

Learn basic SQL programming skills, create, and implement MySQL Database and write SQL queries for web application development.

4. Web development foundations

Learn the basics of Servlets, JSP and Struts MVC framework as well as the organizational standards in application development and documentation along with the process of embedding user interface templates.

Post-Graduate Certificate in Artificial Intelligence

1. Machine learning

This module imparts conceptual knowledge and skills to create and evaluate a classifier in Azure Machine Learning and manage imbalanced data, implement a supervised/unsupervised Machine Learning Solution using Python/R, apply classification in text analytics of building and deriving insights from machine learning algorithms, apply Image Recognition techniques using Computer Vision

2. Deep learning

This module will equip the learners to excel in building complex models through deep learning with uncompromised scaling, speed, and accuracy that help machines solve real-world problems with humanlike intelligence using Python. Learners will also learn to analyze the usage of Convolution Neural Network (CNN) and Recurrent Neural Network to build a model to forecast time data with LSTM (Long Short-Term Memory) and text analytics/NLP.

3. Reinforcement learning

Learn an intuitive approach to build complex models through Reinforcement learning using dynamic programming, TD (temporal difference) Learning to solve live problems by a system interacting with its environment to achieve a goal dynamically.

4. AI Software Development Project

Learn will apply their AI knowledge and skills to develop and implement an Artificial Intelligence project. Learners will be given a project brief which describes set of tasks to build complex models through deep learning with uncompromised scaling, speed, and accuracy that help machines solve real-world problems with human-like intelligence using Python/R.

Post- Graduate Certificate in Data Science

1. Data Science Essentials

This module will equip the learners to excel in the core principles of data science from acquiring data, transforming data to visualizing data, and building predictive analytics using Azure Machine Learning and Advanced R programming and Azure Machine Learning.

2. R Programming

The objective of this module is to impart conceptual knowledge and skills of R programming functions such as conditionals, looping, user-defined recursive procedures, and various I/O facilities. This module also covers data manipulation, statistical modeling, graphics and creating stunning data visualizations and predict Time Series data using R programming functions.

3. Statistical thinking for data science & analytics

This module will impart conceptual knowledge and skills in statistics, basic probability, derivatives, random variables, sampling, confidence intervals, and hypothesis testing using R. Learners will learn how to use statistical methods to run simulations of a model using simple mathematical equations and apply basic legal/ethical framework in Data science.

4. Data Science Implementation (Capstone)

Learners will apply data science knowledge and skills gained to develop and implement a data science project leveraging on predictive analytics, data visualization, data extraction and etc using data science technology including R programming and Azure Machine learning.

Industry Master Capstone Project

1. Agile Project Management

Learner will learn fundamentals of Agile Project Management methodology and best practices to support applications implementation. Learners will be equipped with agile principles and mindset, understand how value-driven delivery is accomplished in Agile projects.

2. Enterprise Application Development

Learn how to build customer centric, data led, marketing, sales, and enterprise commerce applications by using Omnicom process.

3. Industry Projects Capstone

Learners will develop enterprise application as per the client requirement with the required analytics, artificial intelligence features using the R programming, machine learning etc.

Applied Master in Digital Systems

Program Overview

The Applied Master's in Digital Systems equip learners with knowledge and skills in digital systems management including system administration, digital operations, cloud management and cyber security planning.

Learner will be awarded a post-graduate diploma and post-graduate master with completion of two post-graduate certificates and three post-graduate certificates, respectively.

The post-graduate certificates for systems administration comprises of modules to install and configure server, administer server, advanced networks, and advanced server configurations.

The post-graduate certificates for cloud administration comprises of modules for azure cloud fundamentals, azure cloud architect, azure cloud security and a capstone module for azure cloud implementation.

The post-graduate certificates for cyber security implementation comprises of modules for cyber security planning, administration, host and cloud and a capstone module for cyber security implementation.

Program Delivery Mode & Duration

This course is delivered in blended learning mode which comprises self-paced E-learning and Instructor-led flipped Classes with personalized mentoring by industry practitioners. It is aligned around a competency-based curriculum for deep domain skills and broad competencies required by employers and the industry.

We implement work-based applied learning pedagogy where learners progress from knowledge acquisition in the classroom to higher order skills application and on-the-job skills mastery at the workplace using real-life or simulated projects.

Program can be delivered in full time mode (3 terms over 12 months) or part-time mode (3 terms over 18 months)

Target Audience

- Candidates who have completed
    - Bachelor's degree from a recognized university
    - Recognized professional qualification with relevant work experience
- Matured candidates with relevant work experience

Post-Graduate Certificate in System Administration

1. Install & configure server

Acquire conceptual knowledge and skills in Install, upgrade and migrate Windows server 2016, configure enterprise storage, implement core services, such as Hyper-V, Virtual Machine, Failover Clustering, Network Load Balancing, high availability, and disaster recovery.

This course is mapped to the Microsoft course "MCSA: Windows Server 2016 for the Job Role of "Server Administrator". Candidates are eligible to appear for the Microsoft certification exam Exam 70-740: Installation, Storage, and Compute with Windows Server 2016 after completion of this course.

2. Administer server

Acquire knowledge and skills necessary to configure identity functionality in Windows Server, Install Active Directory Domain Services (AD DS), implement Group Policy implementation for non-Nano Server environments.

This course is mapped to the Microsoft course "Course 20741-B: Networking with Windows Server 2016 for the Job Role of "Server Administrator". Candidates are eligible to appear for the Microsoft certification exam Exam 70-741: Networking with Windows Server 2016 after completion of this course**.**

3. Configure advanced server

Acquire knowledge and skills necessary to configure and maintain core networking services in a Windows Server 2016 enterprise environment. Learner will learn to implement Domain Name resolution, DHCP, IPAM. in addition to remote access solutions, such as VPN and Direct Access. It also covers DFS and BranchCache solutions, high performance network features and functionality, and implementation of software-defined networking (SDN) solutions.

This course is mapped to the Microsoft course "Course 20742-B: Identity with Windows Server 2016 for the Job Role of "Server Administrator". Candidates are eligible to appear for the Microsoft certification exam Exam 70-742: Identity with Windows Server 2016 after completion of this course.

4. Advanced network

Acquire conceptual knowledge and skills in Installation, configuration, operation, and troubleshooting network skills along with skills such as connecting to a WAN and implementing network security, configure, verify, and troubleshoot single-area OSPF, EIGRP and ACLs

This course is mapped to the CCNA course "Implementing and Administering Cisco Solutions (CCNA)". Candidates are eligible to appear for the CCNA certification exam Cisco Certified Network Associate (200-301 CCNA) after completion of this course.

Post-Graduate Certificate in Digital Operations

1. Digital Innovations

The module introduces learners to emerging technologies trends and the cause and effect for the future workplace. It aims to equip learners with modern workplace skills leveraging on emerging digital innovations including unified communication platform, power BI, robotic process automation software and intelligent AI chatbot for building a collaborative and connected workplace with efficiency and accessibility.

2. Robotic Process Automation

Learner will acquire robotic process automation skills using Microsoft automate to streamline business processes and workflow to drive workplace innovation and job redesign for the digital workplace.

This course is mapped to the Microsoft module "Microsoft Power Platform Fundamentals" for the job role "Business User, Functional Consultant". Candidates are able to appear for the certification "Microsoft Certified: Power Platform Fundamentals – PL-900" after completion of this course.

3. Application Development

This course aims to equip learners with knowledge and skills to build business applications with rich business logic and workflow capabilities to transform an organization manual business processes to digital, automated processes with little-to-no code.

This course is mapped to the Microsoft module "Microsoft Power Platform App Maker" for the job role "Business Analyst & Devops Engineer". Candidates are able to appear for the certification "Microsoft Certified: Power Platform App Maker Associate – PL-100" after completion of this course.

4. Digital Workplace Capstone Project

Learners will apply their knowledge and skills gained on digital innovation, data visualization using power BI, Robotic process automation and agile applications development to implement a collaborative and connected workplace able to compete in the new digital economy.

Post-Graduate Certificate in Cloud Administration

1. Azure Cloud: Fundamentals & Administration

This course will provide foundational level knowledge on cloud concepts; core Azure services; security, privacy, compliance, and trust; and Azure pricing and support. This course will help the IT Professionals to learn how to manage their Azure subscriptions, create and scale virtual machines, implement storage solutions, configure virtual networking, back up and share data, connect Azure and on-premises sites, manage network traffic, implement Azure Active Directory, secure identities, and monitor your solution.

This course is mapped with these Microsoft courses - AZ-900T01, AZ-900T00: Microsoft Azure Fundamentals & AZ-103T00-A: Microsoft Azure Administrator for the job role "Azure administrator". Candidates are eligible to appear for the Microsoft certification Exam AZ-900: Microsoft Azure Fundamentals and Exam AZ-103: Microsoft Azure Administrator after completion of this course.

2. Azure Cloud: Architect Technologies

In this course learners will learn how to create and deploy virtual machines in Azure, using the Azure portal, PowerShell, and ARM templates, how to configure the networking and storage components of virtual machines. Deploying highly available virtual machines is critical for planned and unplanned events, and ARM templates. They also learn transient fault handling which helps define the primary differences between developing applications on-premises and in the to handle transient errors.

Candidates are eligible to appear for the Microsoft certification Exam AZ-300: Microsoft Azure Architect Technologies after completion of this course.

3. Azure Cloud: Security Technologies

In this course students will gain the knowledge and skills needed to implement security controls, maintain the security posture, and identify and remediate vulnerabilities by using a variety of security tools. The course covers scripting and automation, virtualization, and cloud N-tier architecture.

This course is mapped with this Microsoft courses - Course AZ-500T00-A: Microsoft Azure Security Technologies for the job role "Security Engineer". Candidates are eligible to appear for the Microsoft certification Exam AZ-500: Microsoft Azure Security Technologies after completion of this course.

4. Azure Cloud Management Project (Capstone)

Learn skills and knowledge to manage Azure subscriptions, create and scale virtual machines, implement storage solutions, configure virtual networking, back up and share data, connect Azure and on-premises sites, manage network traffic, implement Azure Active Directory, secure identities, and monitor the enterprise solution. Learners will be given a real time scenario to implement Azure cloud solutions.

Post-Graduate Certificate in Cyber Security

1. Cyber Security Assessment & Planning

This module provides insight into security practices to improve the security posture of an organization. Learn about threat detection as part of an in-depth strategy to protect, detect, and respond to cybercrime. This module details the recommended processes and procedures to plan for and use when responding to enterprise security intrusions.

This course is mapped to the Microsoft course "Microsoft 365 Certified: Security Administrator Associate" for the job role of "Security Administrator" .Candidates are eligible to the Microsoft Certification Exam MS-500: Microsoft 365 Security Administration after completion of this course.

2. Cyber Security Administration

Learn best practices on how to use PowerShell securely and how to use PowerShell to enhance security. As you build a cybersecurity defense plan, learn best practices around Active Directory, Azure Active Directory, and identity management. Learn how to plan, implement, and manage security in Office 365.

3. Host and cloud Cyber Security

Dive into the new security architecture and features of Windows 10, and learn how to enable them, as you explore today's security threat landscape. Take a deep dive into the new layers of protection built into Windows Server 2016. Learn to further safeguard against security breaches by blocking malicious attacks and enhancing the security of your virtual machines, applications, and data. Understand the current nature of the security threat landscape and study the new security architecture and features of Microsoft Azure.

4. Cyber security implementation (Capstone)

We live in an always connected, technology-driven world. Effective security implementation is the foundation to managing your assets – in the cloud, on-premises, or across a hybrid environment. You need to proactively manage and secure your organization's identities, devices, end points (both apps and data), and IT infrastructure.

In this capstone project, learner will apply knowledge and skills gained to implement an end-to-end security solution using Microsoft 365 security suite in today's mobile-first, cloud-first world.