



CloudSwyft

Learn 21st Century Technology Skills, Hands-On.

**CloudSwyft Learning-as-a-Service Course Catalog and
Learning-as-a-Service MPP Tracks – May 2018 Updated Release**

CloudSwyft Learning-as-a-Service Course Catalog 2018
(Individual LaaS Course Catalog List)

Microsoft Learning Partner Program		Learning as a Service 2018 Course Catalog			
Sl No.	Course ID	Run ID	Course Name	Microsoft Solution Area Mapping	Latest Refresh Date
1	AZURE202x	2018_T2	Microsoft Azure Virtual Machines	A+I	May-18
2	AZURE203x	2018_T2	Microsoft Azure Virtual Networks	A+I	May-18
3	AZURE204x	2018_T2	Microsoft Azure Identity	A+I	May-18
4	AZURE205x	2018_T2	Microsoft Azure Storage	A+I	May-18
5	AZURE206x	2018_T2	Microsoft Azure App Service	A+I	May-18
6	AZURE207x	2018_T2	Databases in Azure	A+I	May-18
7	AZURE208x	2018_T2	Azure Security and Compliance	A+I	May-18
8	AZURE210x	2018_T2	Automating Azure Workloads	A+I	May-18
9	AZURE212x	2018_T2	Migrating Workloads to Azure	A+I	May-18
10	AZURE215x	2018_T2	Microsoft Professional Orientation : Cloud Administration	A+I	May-18
11	CLD208.1x	2018_T2	Microsoft Exchange Server 2016 - 1: Infrastructure	MW	May-18
12	CLD224x	2018_T2	Understanding the Collaborator	MW	May-18
13	CLD228x	2018_T2	Skype for Business: Fundamentals	MW	May-18
14	CLD230x	2018_T2	Skype for Business: Infrastructure Planning and Design	MW	May-18
15	CLD231x	2018_T2	Skype for Business: Infrastructure Implementation and Conferencing	MW	May-18
16	CLD232x	2018_T2	Skype for Business: Infrastructure Advanced Configuration	MW	May-18
17	CLD233x	2018_T2	Skype for Business: Voice Concepts and Planning	MW	May-18
18	CLD234x	2018_T2	Skype for Business: Voice Hybrid and Routing	MW	May-18
19	CLD235x	2018_T2	Skype for Business: Voice Advanced Workloads	MW	May-18
20	CLD236x	2018_T2	Troubleshooting Skype for Business	MW	May-18
21	CLD245x	2018_T2	Security in Office 365	MW	May-18
22	CLD251x	2018_T2	IT Support: Fundamentals	MW	May-18
23	CLD252x	2018_T2	IT Support: Communication	MW	May-18
24	CLD253x	2018_T2	IT Support: Troubleshooting	MW	May-18
25	CLD254x	2018_T2	IT Support: Documentation	MW	May-18
26	CLD255x	2018_T2	Windows Support Essentials: Installation	MW	May-18
27	CLD256x	2018_T2	Windows Support Essentials: Maintenance	MW	May-18
28	CLD257x	2018_T2	Windows Support Essentials: Configuration	MW	May-18
29	CLD258x	2018_T2	IT Support: Troubleshooting Windows	MW	May-18
30	CLD259x	2018_T2	IT Support: Hardware Essentials	MW	May-18
31	CLD260x	2018_T2	IT Support: Networking Essentials	MW	May-18
32	CLD261x	2018_T2	Microsoft Office Fundamentals: Outlook, Word, and Excel	MW	May-18
33	CLD262x	2018_T2	IT Support: Troubleshooting Microsoft Office	MW	May-18
34	CLD263x	2018_T2	IT Support: Cloud Fundamentals	MW	May-18

35	CLD266x	2018_T 2	Skype Operations Framework	MW	May-18
36	DAT101x	2018_T 2	Introduction to Data Science	D+AI	May-18
37	DAT201x	2018_T 2	Querying Data with Transact-SQL	D+AI	May-18
38	DAT202.1x	2018_T 2	Processing Big Data with Hadoop in Azure HDInsight	D+AI	May-18
39	DAT202.2x	2018_T 2	Implementing Real-Time Analytics with Hadoop in Azure HDInsight	D+AI	May-18
40	DAT202.3x	2018_T 2	Implementing Predictive Analytics with Spark in Azure HDInsight	D+AI	May-18
41	DAT203.1x	2018_T 2	Data Science Essentials	D+AI	May-18
42	DAT203.2x	2018_T 2	Principles of Machine Learning	D+AI	May-18
43	DAT204x	2018_T 2	Introduction to R for Data Science	D+AI	May-18
44	DAT205x	2018_T 2	Introduction to Data Analysis using Excel	D+AI	May-18
45	DAT206x	2018_T 2	Analyzing and Visualizing Data with Excel	D+AI	May-18
46	DAT207x	2018_T 2	Analyzing and Visualizing Data with Power BI	D+AI	May-18
47	DAT208x	2018_T 2	Introduction to Python for Data Science	D+AI	May-18
48	DAT209x	2018_T 2	Programming with R for Data Science	D+AI	May-18
49	DAT210x	2018_T 2	Programming with Python for Data Science	D+AI	May-18
50	DAT213x	2018_T 2	Analyzing Big Data with Microsoft R	D+AI	May-18
51	DAT214x	2018_T 2	Creating BI Reports with SQL Server Reporting Services	D+AI	May-18
52	DAT216x	2018_T 2	Delivering a Relational Data Warehouse	D+AI	May-18
53	DAT217x	2018_T 2	Implementing ETL with SQL Server Integration Services (SSIS)	D+AI	May-18
54	DAT220x	2018_T 2	Delivering a Cloud Data Warehouse	D+AI	May-18
55	DAT221x	2018_T 2	Introduction to NoSQL Data Solutions	D+AI	May-18
56	DAT222x	2018_T 2	Essential Statistics for Data Analysis using Excel	D+AI	May-18
57	DAT223.1x	2018_T 2	Processing Big Data with Azure Data Lake Analytics	D+AI	May-18
58	DAT223.2x	2018_T 2	Processing Real-Time Data Streams in Azure	D+AI	May-18
59	DAT223.3x	2018_T 2	Orchestrating Big Data with Azure Data Factory	D+AI	May-18
60	DAT224x	2018_T 2	Developing a Multidimensional Data Model	D+AI	May-18
61	DAT227x	2018_T 2	Developing Business Applications with Power Apps and Microsoft Flow	D+AI	May-18

62	DAT228x	2018_T2	Developing Big Data Solutions with Azure Machine Learning	D+AI	May-18
63	DAT229x	2018_T2	Introduction to Big Data	D+AI	May-18
64	DAT236x	2018_T2	Deep Learning Explained	D+AI	May-18
65	DAT237x	2018_T2	Developing Planet-Scale Applications in Azure Cosmos DB	D+AI	May-18
66	DAT238x	2018_T2	Enabling Data Source Discovery with Azure Data Catalog	D+AI	First Release
67	DAT243x	2018_T2	Securing Data in Azure and SQL Server	D+AI	Release
68	DAT248x	2018_T2	Analytics Storytelling for Impact	D+AI	May-18
69	DAT249x	2018_T2	Ethics and Law in Data and Analytics	D+AI	May-18
70	DAT251x	2018_T2	Introduction to Data Modeling	D+AI	May-18
71	DAT256x	2018_T2	Essential Mathematics for Artificial Intelligence	D+AI	First Release
72	DAT257x	2018_T2	Reinforcement Learning Explained	D+AI	May-18
73	DAT263x	2018_T2	Introduction to Artificial Intelligence	D+AI	May-18
74	DEV203x	2018_T2	Introduction to Bootstrap - A Tutorial	A+I	First Release
75	DEV204.1x	2018_T2	Introduction to C#	A+I	May-18
76	DEV204.2x	2018_T2	Object Oriented Programming with C#	A+I	May-18
77	DEV204.3x	2018_T2	Algorithms and Data Structures in C#	A+I	May-18
78	DEV208x	2018_T2	Introduction to jQuery	A+I	May-18
79	DEV210x	2018_T2	Introduction to C++	A+I	May-18
80	DEV212x	2018_T2	DevOps for Developers: How to Get Started	A+I	May-18
81	DEV216x	2018_T2	Developing Dynamic Web Applications Using Angular	A+I	May-18
82	DEV218x	2018_T2	Advanced CSS Concepts	A+I	First Release
83	DEV220x	2018_T2	AngularJS: Framework Fundamentals	A+I	First Release
84	DEV221x	2018_T2	AngularJS: Advanced Framework Techniques	A+I	May-18
85	DEV222x	2018_T2	Using Open Source Web Tooling to Improve Development Proficiency	A+I	First Release
86	DEV223x	2018_T2	Getting Started with Azure App Service: Web Apps	A+I	May-18
87	DEV224x	2018_T2	Building Your Azure Skills Toolkit	A+I	May-18
88	DEV225x	2018_T2	Developing IoT Solutions with Azure IoT	A+I	May-18
89	DEV234x	2018_T2	Asynchronous Programming with Javascript	A+I	May-18
90	DEV235x	2018_T2	Asynchronous Programming in C# and .NET Core	A+I	May-18
91	DEV236x	2018_T2	Introduction to Python: Absolute Beginner	A+I	First Release
92	DEV237x	2018_T2	Microsoft Professional Orientation : Front End Web Development	A+I	First Release
93	DEV241x	2018_T2	Introduction to Design Thinking	A+I	First Release
94	DEV247x	2018_T2	Build Web APIs using ASP.NET	A+I	May-18
95	DEV249x	2018_T2	Deploy and Service Mobile Apps Using Azure App Service	A+I	First Release

96	DEV250x	2018_T2	Design an MVC Application	A+I	First Release
97	DEV258x	2018_T2	Data Access in C# and .NET Core	A+I	May-18
98	DEV262x	2018_T2	Logic and Computational Thinking	A+I	May-18
99	DEV273x	2018_T2	Introduction to TypeScript 2	A+I	May-18
100	DEV274x	2018_T2	Introduction to Python: Fundamentals	A+I	May-18
101	DEV275x	2018_T2	Writing Professional Code	A+I	May-18
102	DEV276x	2018_T2	Learn to Program in Java	A+I	May-18
103	DEV277x	2018_T2	Object Oriented Programming in Java	A+I	May-18
104	DEV279x	2018_T2	Building Interactive Prototypes using JavaScript	A+I	May-18
105	DEV280x	2018_T2	Building Functional Prototypes using Node.js	A+I	May-18
106	DEV281x	2018_T2	Introduction to ReactJS	A+I	May-18
107	DEV283x	2018_T2	Introduction to Node.js	A+I	May-18
108	DEV284x	2018_T2	Designing a Technical Solution	A+I	May-18

109	DEV285x	2018_T2	Algorithms and Data Structures	A+I	May-18
110	DEV286x	2018_T2	Data Querying Using LINQ and C#	A+I	First Release
111	DEV287x	2018_T2	Speech Recognition Systems	D+AI	First Release
112	DEV288x	2018_T2	Natural Language Processing (NLP)	D+AI	May-18
113	DEV290x	2018_T2	Computer Vision and Image Analysis	D+AI	First Release
114	DEV295x	2018_T2	Introduction to Device Programming	A+I	May-18
115	DEV330x	2018_T2	Introduction to Python: Creating Scalable, Robust, Interactive Code	A+I	First Release
116	DEVOPS200.1x	2018_T2	DevOps Practices and Principles	A+I	May-18
117	DEVOPS200.2x	2018_T2	Infrastructure as Code	A+I	May-18
118	DEVOPS200.3x	2018_T2	Continuous Integration and Continuous Deployment	A+I	May-18
119	DEVOPS200.4x	2018_T2	Configuration Management for Containerized Delivery	A+I	May-18
120	DEVOPS200.5x	2018_T2	DevOps Testing	A+I	May-18
121	DEVOPS200.6x	2018_T2	DevOps for Databases	A+I	May-18
122	DEVOPS200.7x	2018_T2	Application Monitoring and Feedback Loops	A+I	May-18
123	DEVOPS200.8x	2018_T2	DevOps for Mobile Apps	A+I	May-18
124	DEVOPS200.9x	2018_T2	Architecting Distributed Cloud Applications	A+I	May-18
125	DIS50x	2018_T2	Introduction to Developing International Software	A+I	First Release
			Windows 10 Features for a Mobile Workforce: Windows and		

126	INF204x	2018_T 2	Devices in the Enterprise Windows 10 Features for a Mobile Workforce: Managing and	A+I	May-18
127	INF205x	2018_T 2	Maintaining Devices in the Enterprise Windows 10 Features for a Mobile Workforce: Configuring	A+I	May-18
128	INF206x	2018_T 2	Additional Resources	A+I	May-18
129	INF217x	2018_T 2	Windows Server 2016: Advanced Storage	A+I	May-18
130	INF218x	2018_T 2	Windows Server 2016: Advanced Networking	A+I	May-18
131	INF219x	2018_T 2	Windows Server 2016: Advanced Virtualization	A+I	May-18
132	INF220x	2018_T 2	Windows Server 2016: Securing Identities and Information	A+I	First Release
133	INF246x	2018_T 2	Enterprise Security Fundamentals	A+I	First Release
134	INF249x	2018_T 2	Threat Detection: Planning for a Secure Enterprise	A+I	First Release
135	INF251x	2018_T 2	PowerShell Security Best Practices	A+I	May-18 First
136	INF253x	2018_T 2	Managing Identity	A+I	Release
137	INF258x	2018_T 2	Windows 10 Security Features	A+I	May-18
138	INF259x	2018_T 2	Windows Server 2016 Security Features	A+I	May-18
139	INF260x	2018_T 2	Microsoft Azure Security Services	A+I	May-18
140	INF262x	2018_T 2	System Center 2016: Building a Datacenter Fabric	A+I	May-18 First
141	INF263x	2018_T 2	System Center 2016: Building Clouds	A+I	Release

CloudSwyft Learning-as-a-Service MPP TRACKS:

BIG DATA TRACK:

It's Your Career, Think BIG.

Designing systems that capture, process, and analyze data is critical for companies in order to have a competitive advantage. This curriculum takes students from their first select statement to orchestrating big data workflows in the cloud.

Learn how to build big data solutions for batch and real-time stream processing using Azure managed services and open source systems like Hadoop and Spark.

This curriculum will teach you the skills required to capture, process, and analyze data for today's data-driven world, through CloudSwyft's Learning Platform and Cloud Labs Experience Technology.

10 REQUIRED COURSES | 12-30 Hours Per Course | 8 CORE SKILLS

Course Number	Title	Track Mapping	Current as of
DAT229x	Microsoft Professional Orientation: Big Data	1	Feb-18
DAT206x	Analyzing and Visualizing Data with Excel	2.1	Feb-18
DAT207x	Analyzing and Visualizing Data with Power BI	2.2	Feb-18
DAT221x	Introduction to NoSQL Data Solutions	3	Feb-18
DAT201x	Querying Data with Transact-SQL	4	Feb-18
DAT220x	Delivering a Data Warehouse in the Cloud	5	May-18
DAT223.1x	Processing Big Data with Azure Data Lake Analytics	6.1	May-18
DAT202.1x	Processing Big Data with Hadoop in Azure HDInsight	6.2	Feb-18
DAT223.2x	Processing Real-Time Data Streams in Azure	7.1	May-18
DAT202.2x	Implementing Real-Time Analytics in Azure HDInsight	7.2	Feb-18
DAT223.3x	Orchestrating Big Data with Azure Data Factory	8	May-18
DAT228x	Developing Big Data Solutions with Azure Machine Learning	9.1	Feb-18
DAT213x	Analyzing Big Data with Microsoft R	9.2	Feb-18
DAT202.3x	Implementing Predictive Analytics with Spark in Azure HDInsight	9.3	Feb-18
CAPSTONE	Microsoft Professional Capstone: Big Data	10	

DATA SCIENCE TRACK:

8 Data Science Skills. 1.5 Million Jobs

Opportunities for data scientists — one of today's hottest jobs—are rapidly growing in response to the exponential amounts of data being captured and analyzed. Companies hire data scientists to find insights and to solve meaningful business problems.

This track's courseware content were a product of data and recommendations consulted from data scientists and the companies that employ them to identify the core skills they need to be successful.

This informed the track's curriculum used to teach key functional and technical skills, combining highly rated online courses with hands-on labs, concluding in a final capstone project through CloudSwyft's Learning Platform and Cloud Labs Experience Technology.

10 REQUIRED COURSES | 8-12 HOURS PER COURSE | 8 CORE SKILLS

Course Number	Title	Track Mapping	Current as of
DAT101x	Microsoft Professional Orientation: Data Science	1	Feb-18
DAT201x	Querying Data with Transact-SQL	2	Feb-18
DAT206x	Analyzing and Visualizing Data with Excel	3.1	Feb-18
DAT207x	Analyzing and Visualizing Data with Power BI	3.2	Feb-18
DAT222x	Essential Statistics for Data Analysis using Excel	4	Feb-18
DAT204x	Introduction to R for Data Science	5.1	Feb-18
DAT208x	Introduction to Python for Data Science	5.2	Feb-18
DAT203.1x	Data Science Essentials	6	Feb-18
DAT203.2x	Principles of Machine Learning	7	Feb-18
DAT209x	Programming with R for Data Science	8.1	Feb-18
DAT210x	Programming with Python for Data Science	8.2	Feb-18
DAT203.3x	Applied Machine Learning	9.1	May-18
DAT202.3x	Implementing Predictive Analytics with Spark in Azure HDInsight	9.2	Feb-18
DAT213x	Analyzing Big Data with Microsoft R	9.3	Feb-18
CAPSTONE	Microsoft Professional Capstone : Data Science	10	

ARTIFICIAL INTELLIGENCE TRACK:

Build the Intelligent Future, Together.

Artificial Intelligence (AI) will define the next generation of software solutions. Human-like capabilities such as understanding natural language, speech, vision, and making inferences as well as conclusions from knowledge will extend software beyond the application.

The AI track takes aspiring AI engineers from a basic introduction of AI to mastery of the skills needed to build deep learning models for AI solutions that exhibit human-like behavior and intelligence, combining highly rated online courses with hands-on labs, concluding in a final capstone project through CloudSwyft's Learning-as-a-Service Platform and Cloud Labs Experience Technology.

10 REQUIRED COURSES | 8-16 HOURS PER COURSE | 10 CORE SKILLS

Course Number	Title	Track Mapping	Current as of
DAT263x	Introduction to Artificial Intelligence	1	May-18
DAT208x	Introduction to Python for Data Science	2	Feb-18
DAT256x	Essential Mathematics for Artificial Intelligence	3	May-18
DAT249x	Ethics and Law in Data and Analytics	4	Feb-18
DAT203.1x	Data Science Essentials	5	May-18
DAT203.2x	Principles of Machine Learning	6	Feb-18
DAT236x	Deep Learning Explained	7	May-18
DAT257x	Reinforcement Learning Explained	8	May-18
DEV288x	Natural Language Processing (NLP)	9.1	May-18
DEV287x	Speech Recognition Systems and Synthesis	9.2	May-18
DEV290x	Computer Vision and Image Analysis	9.3	May-18
CAPSTONE	<i>Microsoft Professional Capstone: Artificial Intelligence</i>	10	

DEVOPS TRACK:

Ship. Iterate. Repeat

To support companies to be more agile, **the lines between development and operations are becoming increasingly blurred**. Through continuous integration and deployment, students / learners will learn how to react to changing market conditions.

DevOps is the union of people, process, and products to enable continuous delivery of value to end users.

Learn about continuous integration and deployment, infrastructure as code, testing, databases, containers, and application monitoring: skills necessary for a DevOps culture in your workplace, combining highly rated online courses with hands-on labs, concluding in a final capstone project through CloudSwyft's Learning-as-a-Service Platform and Cloud Labs Experience Technology.

8 REQUIRED COURSES | 8-16 HOURS PER COURSE | 6 CORE SKILLS

Course Number	Title	Track Mapping	Current as of
DEVOPS200.1x	Introduction to DevOps Practices	1	Feb-18
DEVOPS200.2x	Infrastructure as Code	2	Feb-18
DEVOPS200.3x	Continuous Integration and Continuous Deployment	3	Feb-18
DEVOPS200.4x	Configuration Management for Containerized Delivery	4	Feb-18
DEVOPS200.5x	DevOps Testing	5	Feb-18
DEVOPS200.6x	DevOps for Databases	6	Feb-18
DEVOPS200.7x	Application Monitoring and Feedback Loops	7	Feb-18
CAPSTONE	Microsoft Professional Capstone: DevOps	8	

MODERN IT SUPPORT TRACK:

Be an IT Support Hero of the Modern Technology Industry.

The “Help Desk of the Future” is the front line of engagement for customers of the 21st century workplace when problems arise. With this up-to-date IT Support Track, you will learn a wide range of skills to diagnose, troubleshoot, and solve customer issues.

Learners who are interested in a career in IT, but have yet to receive formal IT training, will learn the latest skills for the role of a 21st Century Front-Line Help Desk or Tier 1 IT Support Professional.

This curriculum will give you a broad range of skills to support many different technology areas, combining highly rated online courses with hands-on labs, concluding in a final capstone project through CloudSwyft's Learning-as-a-Service Platform and Cloud Labs Experience Technology.

14 REQUIRED COURSES | 8-16 HOURS PER COURSE | 13 CORE SKILLS

Course Number	Title	Track Mapping	Current as of
CLD251x	IT Support: Fundamentals	1	Feb-18
CLD252x	IT Support: Communication	2	Feb-18
CLD253x	IT Support: Troubleshooting	3	Feb-18
CLD254x	IT Support: Documentation	4	Feb-18
CLD259x	IT Support: Hardware Essentials	5	Feb-18
CLD260x	IT Support: Networking Essentials	6	Feb-18
CLD255x	Windows Support Essentials: Installation	7	May-18
CLD257x	Windows Support Essentials: Configuration	8	May-18
CLD256x	Windows Support Essentials: Maintenance	9	May-18
CLD258x	IT Support: Troubleshooting Windows	10	Feb-18
CLD261x	Microsoft Office Fundamentals	11	Feb-18
CLD262x	IT Support: Troubleshooting Microsoft Office	12	Feb-18
CLD263x	IT Support: Cloud Fundamentals	13	Feb-18
CAPSTONE	<i>Microsoft Professional Capstone: IT Support</i>	14	

CLOUD ADMINISTRATION TRACK:

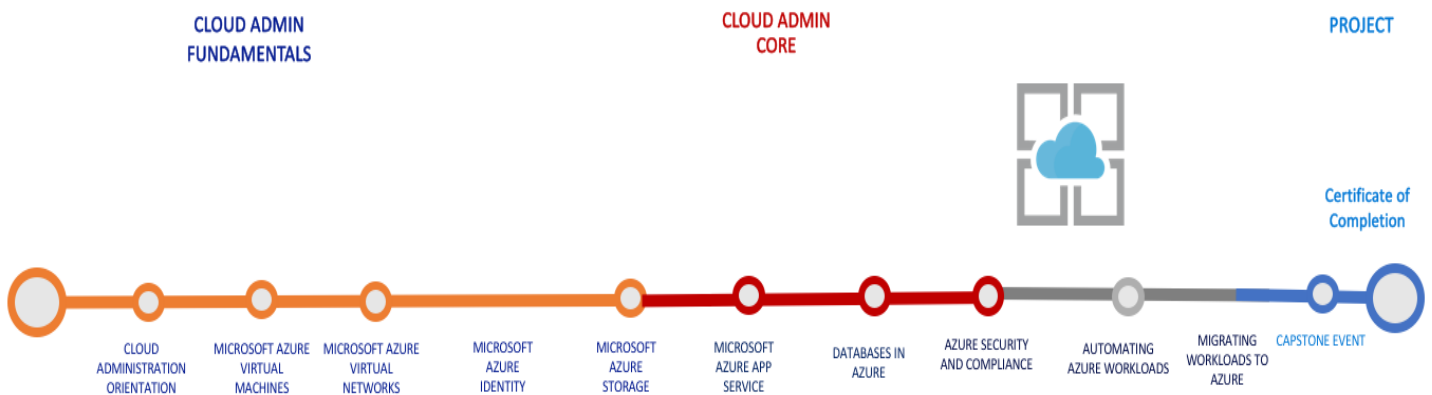
Control the Cloud. Be a Cloud Rockstar.

As companies move to the cloud, the need for cloud skilled professionals continues to rise. Companies need people with a range of skills; such as automation of deployments and workloads, to understanding how to best manage security and compliance.

Through this program, students / professional learners will learn how to set up Microsoft Azure virtual machines, networks, and app services; automate workloads and deployment; and manage storage, identity, databases, security and compliance.

Learn how to become a Cloud Administrator, leveraging the best of Microsoft technology, combining highly rated online courses with hands-on labs, concluding in a final capstone project through CloudSwyft's Learning-as-a-Service Platform and Cloud Labs Experience Technology.

13 REQUIRED COURSES | 12-18 HOURS PER COURSE | 11 CORE SKILLS



ENTRY-LEVEL MODERN SOFTWARE DEVELOPMENT TRACK:

Code Builds Everything in Today's World and Beyond.

Nearly all technology that you engage with relies on software. The job outlook for software developers is growing year after year. Simply put, **Software Developers are the people bringing the modern world to life.**

This curriculum is designed for those that have never attempted programming. You will learn how to think logically and systematically through creating basic programs, developing interactive webpages, and understanding how to keep the user in mind in design, as well as analyzing algorithms and data for efficiency.

This track combines highly rated online courses with hands-on labs, concluding in a final capstone project through CloudSwyft's Learning-as-a-Service Platform and Cloud Labs Experience Technology.

13 REQUIRED COURSES | 8-16 HOURS PER COURSE | 11 CORE SKILLS

Course Number	Title	Track Mapping	Current as of
DEV262x	Logic and Computational Thinking	1	Feb-18
DEV236x	Introduction to Python: Absolute Beginner	2	May-18
DEV274x	Introduction to Python: Fundamentals	3	May-18
DEV284x	Designing a Technical Solution	4	Feb-18
DEV279x	Building Interactive Prototypes using JavaScript	5	Feb-18
DEV280x	Building Functional Prototypes using Node.js	6	Feb-18
DEV276x	Learn to Program in Java	7	Feb-18
DEV277x	Object Oriented Programming in Java	8	Feb-18
DEV285x	Algorithms and Data Structures	9	Feb-18
DEV275x	Writing Professional Code	10	Feb-18
DEV241x	Introduction to Design Thinking	11	May-18
DIS50x	Developing International Software	12	May-18
CAPSTONE	<i>Microsoft Professional Capstone: Entry Level Software Development</i>	13	

MODERN FRONT-END WEB DEVELOPMENT TRACK (COMING SOON, July 2018):

Note: Most of the required courseware modules for this track are already available while some are still in progress.

Front-End Web Development should be Front of Mind.

The demand for Front-End Web Developers is expected to increase by 27% through 2024. That's why companies need people who are fluent in front-end web programming languages and frameworks **ranging from HTML, CSS, and JavaScript, to Angular, Bootstrap, and jQuery.**

This curriculum is designed for those that have never attempted programming. You will learn how to think logically and systematically through creating basic programs, developing interactive webpages, and understanding how to keep the user in mind in design, as well as analyzing algorithms and data for efficiency.

This track combines highly rated online courses with hands-on labs, concluding in a final capstone project through CloudSwyft's Learning-as-a-Service Platform and Cloud Labs Experience Technology.

13 REQUIRED COURSES | 15-30 HOURS PER COURSE | 11 CORE SKILLS