MICROSOFT CERTIFICATION PATH COMPETENCY AREAS

Mobility: IT Pro
Aptitude in managing the multi-device realities of today's business

Cloud platform: IT Pro & Developer
Excellence in cloud-based workload administration and engineering

Productivity: IT Pro
Expertise in deploying Microsoft Office cloud and hybrid solutions to enterprise customers

Data management & analytics: IT Pro & Developer
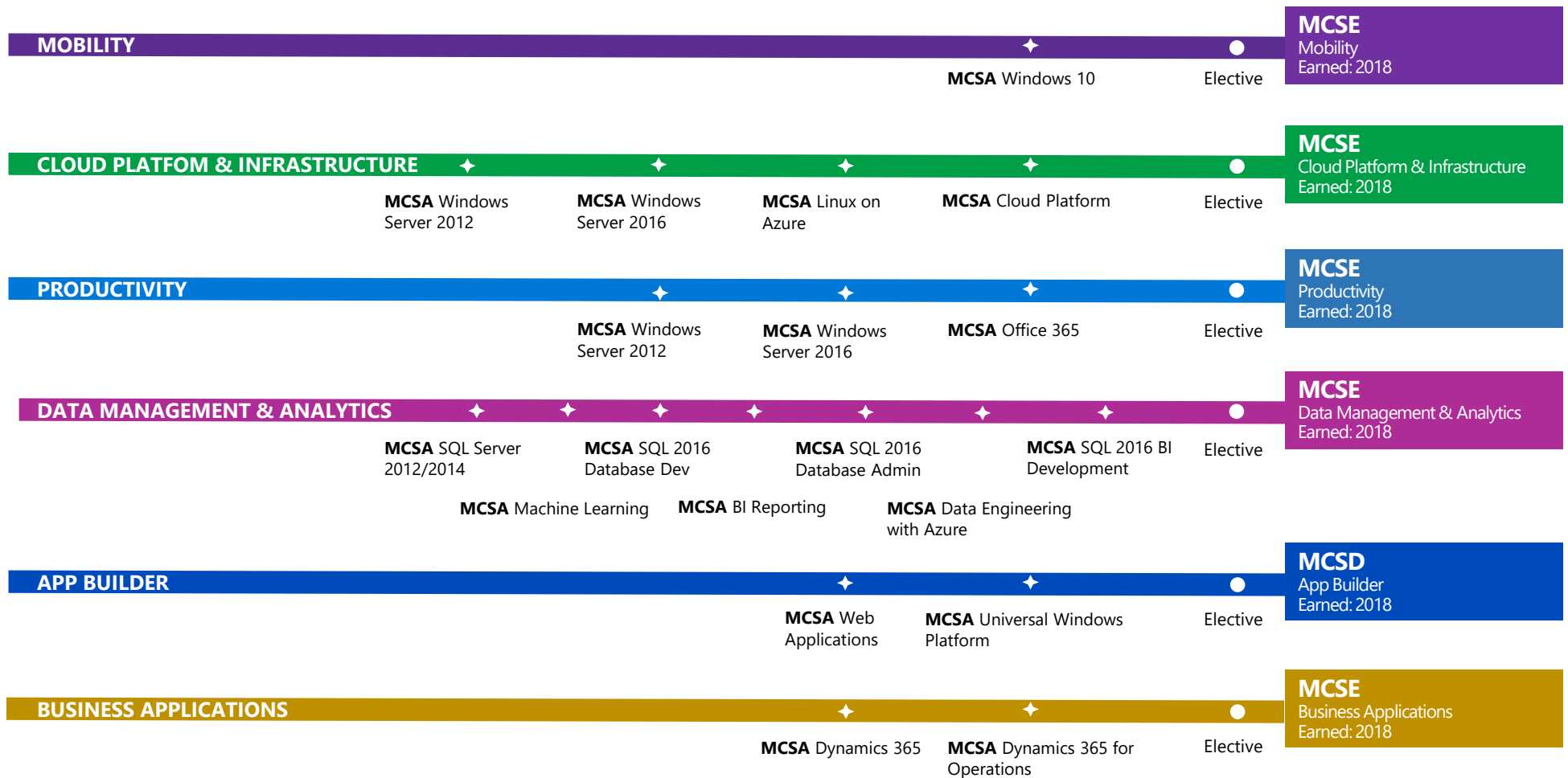Proficiency in database administration and infrastructure

App Builder: Developer
Expertise in app development and quality assurance

Business Applications: IT Pro & Developer
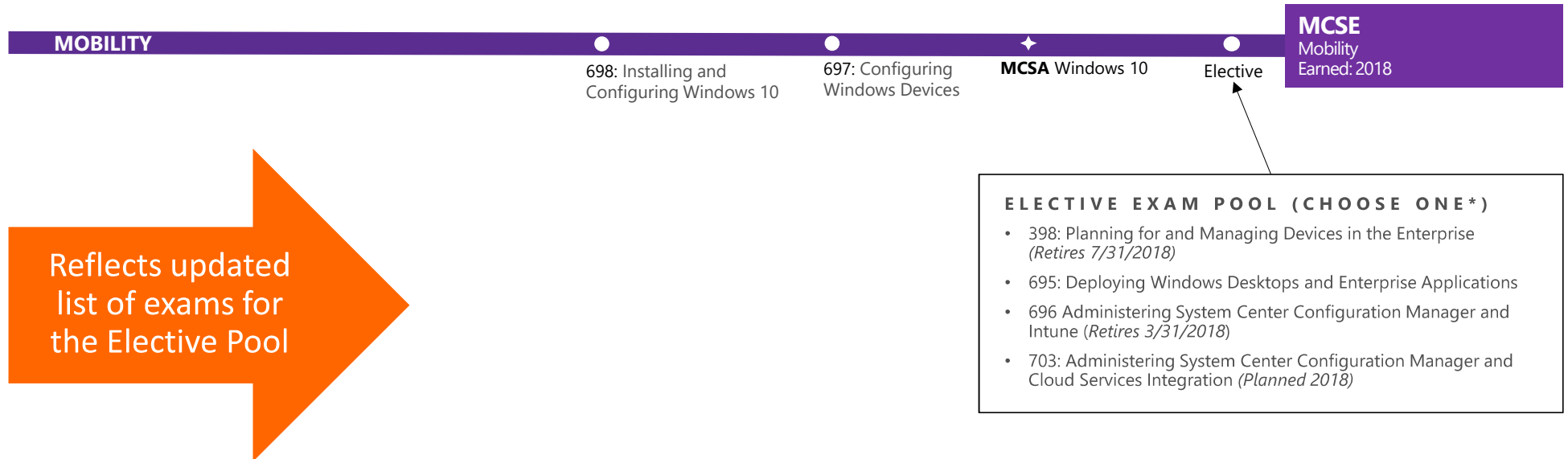Skills in Microsoft Dynamics Business Applications Software

Microsoft Learning

MOBILITY

		MCSA Windows 10	Elective

MCSE
Mobility
Earned: 2018

CLOUD PLATFOM & INFRASTRUCTURE

MCSA Windows Server 2012	MCSA Windows Server 2016	MCSA Linux on Azure	MCSA Cloud Platform	Elective

MCSE
Cloud Platform & Infrastructure
Earned: 2018

PRODUCTIVITY

MCSA Windows Server 2012	MCSA Windows Server 2016	MCSA Office 365	Elective

MCSE
Productivity
Earned: 2018

DATA MANAGEMENT & ANALYTICS

MCSA SQL Server 2012/2014	MCSA SQL 2016 Database Dev	MCSA SQL 2016 Database Admin	MCSA SQL 2016 BI Development	Elective
MCSA Machine Learning	MCSA BI Reporting	MCSA Data Engineering with Azure		

MCSE
Data Management & Analytics
Earned: 2018

APP BUILDER

MCSA Web Applications	MCSA Universal Windows Platform	Elective

MCSD
App Builder
Earned: 2018

BUSINESS APPLICATIONS

MCSA Dynamics 365	MCSA Dynamics 365 for Operations	Elective

MCSE
Business Applications
Earned: 2018

Complete one of the MCSAs in the associated path and pass one exam from the elective exam pool to earn your MCSE or MCSD certification.

MOBILITY PATH

MOBILITY

698: Installing and Configuring Windows 10

697: Configuring Windows Devices

MCSA Windows 10

Elective

MCSE
Mobility
Earned: 2018

Reflects updated list of exams for the Elective Pool

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 398: Planning for and Managing Devices in the Enterprise *(Retires 7/31/2018)*
- 695: Deploying Windows Desktops and Enterprise Applications
- 696 Administering System Center Configuration Manager and Intune *(Retires 3/31/2018)*
- 703: Administering System Center Configuration Manager and Cloud Services Integration *(Planned 2018)*

*Select one elective to complete your MCSE. Choose a different elective next year to stay relevant and prove your expanded skills.

CLOUD PLATFORM & INFRASTRUCTURE PATH

CLOUD PLATFORM & INFRASTRUCTURE

410: Installing and Configuring Windows Server 2012

411: Administering Windows Server 2012

412: Configuring Advanced Windows Server 2012 Services

MCSA Windows Server 2012

740: Installation, Storage, and Compute with Windows Server 2016

741: Networking with Windows Server 2016

742: Identity with Windows Server 2016

MCSA Windows Server 2016

533: Implementing Microsoft Azure Infrastructure Solutions

LFCS: Linux Foundation Certified System Administrator

MCSA Linux on Azure

MCSA Cloud Platform

Elective

MCSE
Cloud Platform & Infrastructure
Earned: 2018

Choose two from:
532: Developing Microsoft Azure Solutions
533: Implementing Microsoft Azure Infrastructure Solutions
535: Architecting Microsoft Azure Solutions
537: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack *(Planned 2018)*

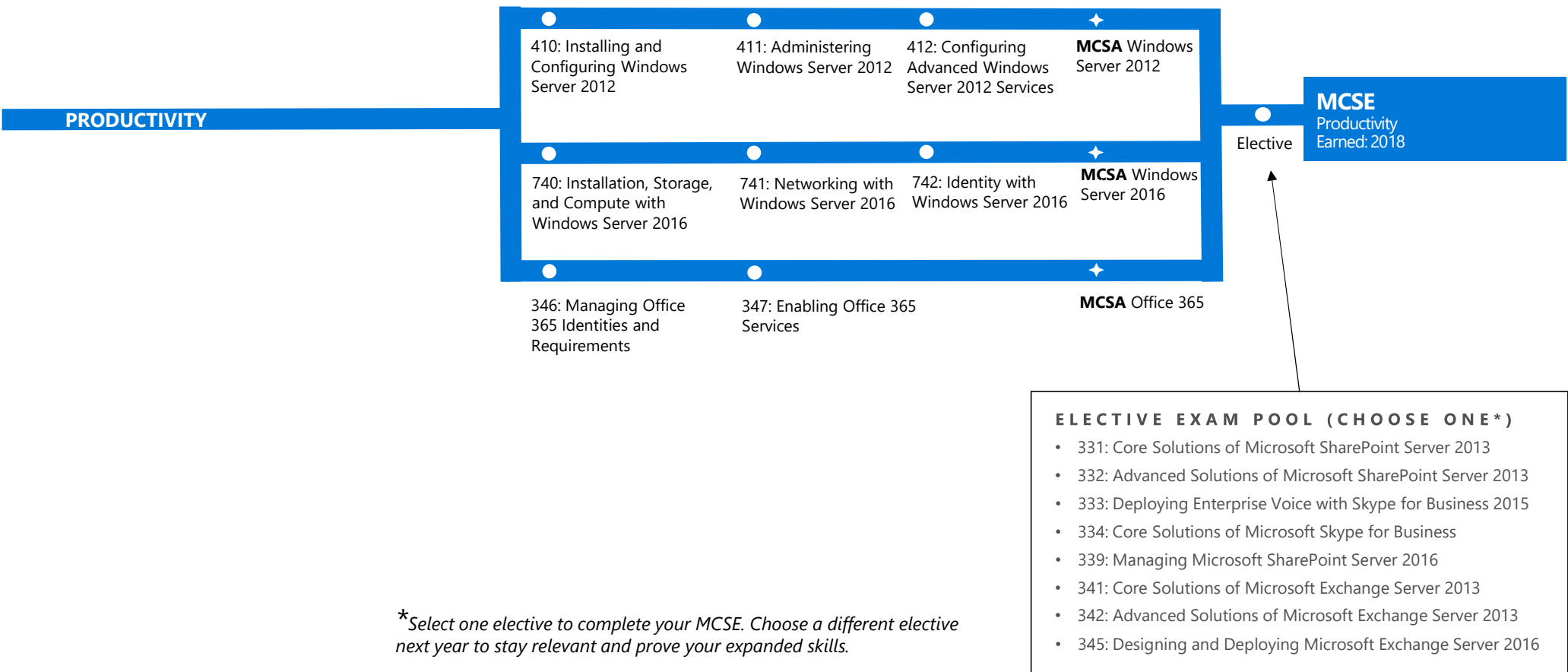Reflects updated list of exams for MCSA: Cloud Platform and the Elective Pool

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 413: Designing and Implementing a Server Infrastructure
- 414: Implementing an Advanced Server Infrastructure
- 473: Designing and Implementing Cloud Data Platform Solutions
- 475: Designing and Implementing Big Data Analytics Solutions
- 532: Developing Microsoft Azure Solutions
- 533: Implementing Microsoft Azure Infrastructure Solutions
- 535: Architecting Microsoft Azure Solutions
- 537: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack *(Planned 2018)*
- 538: Implementing Microsoft Azure DevOps Solutions *(Planned 2018)*
- 539: Managing Linux Workloads on Azure *(Planned 2018)*
- 744: Securing Windows Server 2016
- 745: Implementing a Software-Defined Datacenter

*Select one elective to complete your MCSE. Choose a different elective next year or retake a previously taken cloud-based exam to stay relevant and prove your expanded skills.

PRODUCTIVITY PATH

PRODUCTIVITY

410: Installing and Configuring Windows Server 2012

411: Administering Windows Server 2012

412: Configuring Advanced Windows Server 2012 Services

MCSA Windows Server 2012

740: Installation, Storage, and Compute with Windows Server 2016

741: Networking with Windows Server 2016

742: Identity with Windows Server 2016

MCSA Windows Server 2016

346: Managing Office 365 Identities and Requirements

347: Enabling Office 365 Services

MCSA Office 365

Elective

MCSE
Productivity
Earned: 2018

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 331: Core Solutions of Microsoft SharePoint Server 2013
- 332: Advanced Solutions of Microsoft SharePoint Server 2013
- 333: Deploying Enterprise Voice with Skype for Business 2015
- 334: Core Solutions of Microsoft Skype for Business
- 339: Managing Microsoft SharePoint Server 2016
- 341: Core Solutions of Microsoft Exchange Server 2013
- 342: Advanced Solutions of Microsoft Exchange Server 2013
- 345: Designing and Deploying Microsoft Exchange Server 2016

*Select one elective to complete your MCSE. Choose a different elective next year to stay relevant and prove your expanded skills.

DATA MANAGEMENT & ANALYTICS PATH

DATA MANAGEMENT & ANALYTICS

461: Querying Microsoft SQL Server 2012/2014	462: Administering Microsoft SQL Server 2012/2014 Databases	463: Implementing a Data Warehouse with Microsoft SQL Server 2012/2014	**MCSA** SQL Server 2012/2014
761: Querying Data with Transact-SQL	762: Developing SQL Databases	**MCSA** SQL 2016 Database Dev
764: Administering a SQL Database Infrastructure	765: Provisioning SQL Databases	**MCSA** SQL 2016 Database Admin
767: Implementing a SQL Data Warehouse	768: Developing SQL Data Models	**MCSA** SQL 2016 BI Development
773: Analyzing Big Data with Microsoft R	774: Perform Cloud Data Science with Azure Machine Learning	**MCSA** Machine Learning
778: Analyzing and Visualizing Data with Power BI	779: Analyzing Data with Excel	**MCSA** BI Reporting
775: Perform Data Engineering on Microsoft Azure HD Insight	776: Engineering Data with Microsoft Cloud Services	**MCSA** Data Engineering with Azure

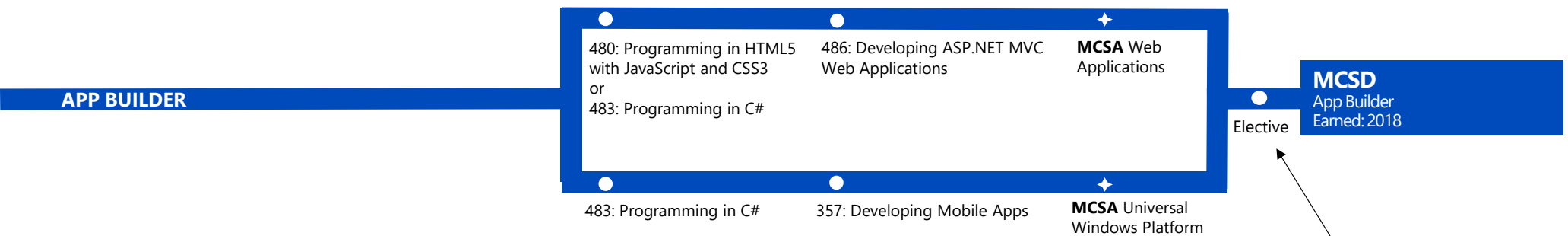**MCSE**
Data Management & Analytics
Earned: 2018

Elective

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 464: Developing Microsoft SQL Server Databases
- 465: Designing Database Solutions for SQL Server
- 466: Implementing Data Models and Reports with Microsoft SQL Server
- 467: Designing Business Intelligence Solutions with Microsoft SQL Server
- 473: Designing and Implementing Cloud Data Platform Solutions
- 475: Designing and Implementing Big Data Analytics Solutions
- 762: Developing SQL Databases
- 767: Implementing a SQL Data Warehouse
- 768: Developing SQL Data Models
- 773: Analyzing Big Data with Microsoft R
- 774: Perform Cloud Data Science with Azure Machine Learning
- 775: Perform Data Engineering on Microsoft Azure HDInsight

Reflects removal of planned path

*Select one elective to complete your MCSE. Choose a different elective next year or retake a previously taken cloud-based exam to stay relevant and prove your expanded skills.

APP BUILDER PATH

APP BUILDER

480: Programming in HTML5 with JavaScript and CSS3
or
483: Programming in C#

486: Developing ASP.NET MVC Web Applications

MCSA Web Applications

483: Programming in C#

357: Developing Mobile Apps

MCSA Universal Windows Platform

Elective

MCSD
App Builder
Earned: 2018

Reflects updated list of exams in the Elective Pool

ELECTIVE EXAM POOL (CHOOSE ONE*)

- 487: Developing Microsoft Azure and Web Services
- 488: Developing Microsoft SharePoint Server 2013 Core Solutions *(Retires 7/31/2018)*
- 489: Developing Microsoft SharePoint Server 2013 Advanced Solutions *(Retires 7/31/2018)*
- 496: Administering Microsoft Visual Studio Team Foundation Server *(Retires 7/31/2018)*
- 497: Software Testing with Visual Studio *(Retires 7/31/2018)*
- 498: Delivering Continuous Value with Visual Studio Application Lifecycle Management *(Retires 7/31/2018)*
- 532: Developing Microsoft Azure Solutions
- 535: Architecting Microsoft Azure Solutions
- 538: Implementing Microsoft Azure DevOps Solutions *(Planned 2018)*

**Select one elective to complete your MCSE. Choose a different elective next year or retake a previously taken cloud-based exam to stay relevant and prove your expanded skills.*

BUSINESS APPLICATIONS PATH

BUSINESS APPLICATIONS

MB2-715: Microsoft Dynamics 365 customer engagement Online Deployment

MB2-716: Microsoft Dynamics 365 Customization and Configuration

MCSA Dynamics 365

MCSE
Business Applications
Earned: 2018

Elective

764: Administering a SQL Database Infrastructure
or
765: Provisioning SQL Databases

MB6-894: Development, Extensions, and Deployment for Microsoft Dynamics 365 for Finance and Operations

MCSA Dynamics 365 for Operations

Reflects replacement exam for MCSA: Dynamics 365 for Operations and updated list of exams in the Elective Pool

ELECTIVE EXAM POOL (CHOOSE ONE*)

- MB2-717: Microsoft Dynamics 365 for Sales
- MB2-718: Microsoft Dynamics 365 for Customer Service
- MB6-895: Financial Management in Microsoft Dynamics 365 for Finance and Operations
- MB6-896: Distribution and Trade in Microsoft Dynamics 365 for Finance and Operations
- MB6-897 Microsoft Dynamics 365 for Retail
- MB2-877: Microsoft Dynamics 365 for Field Service

* *Select one elective to complete your MCSE. Choose a different elective next year to stay relevant and prove your expanded skills.*