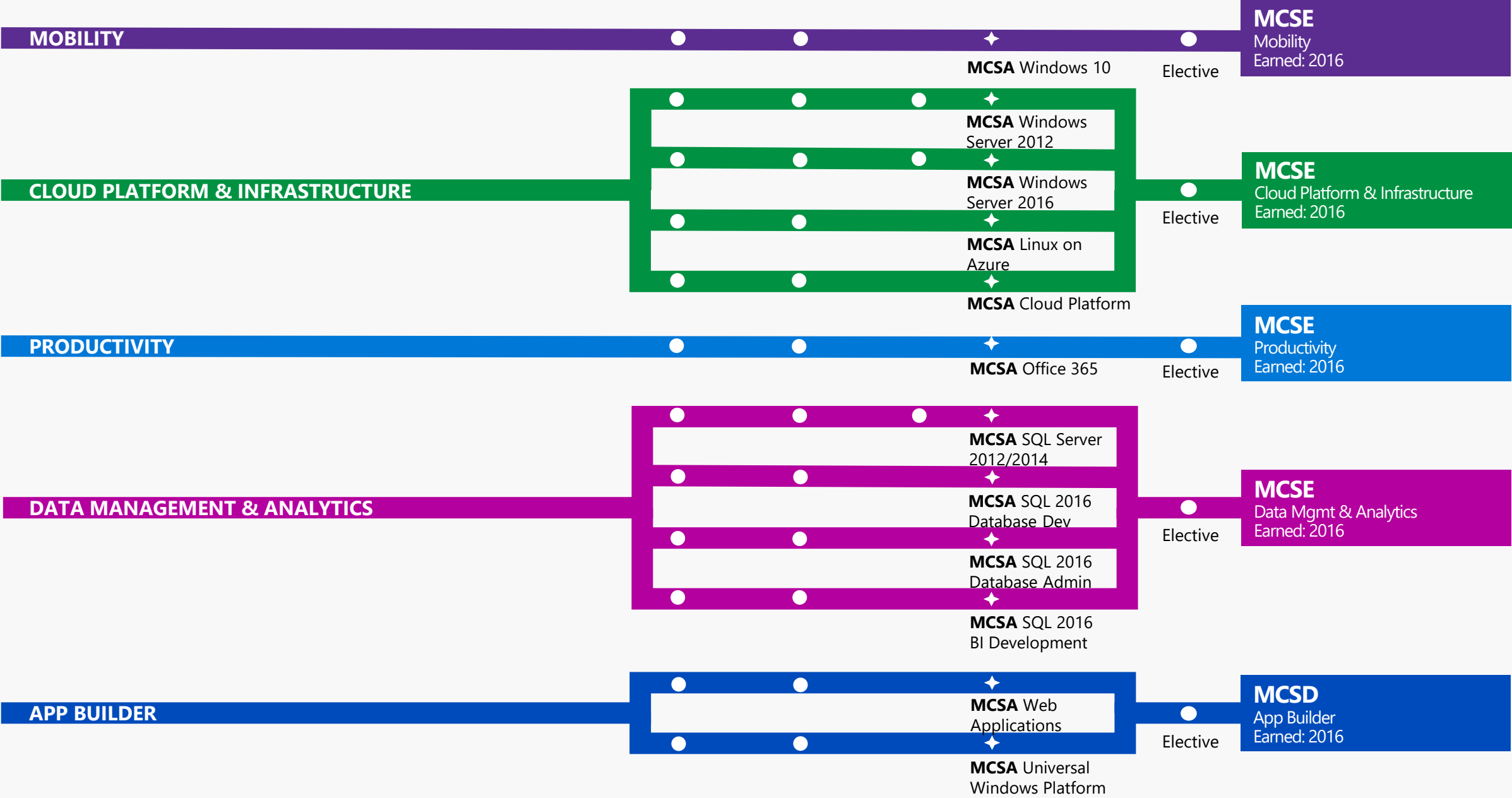
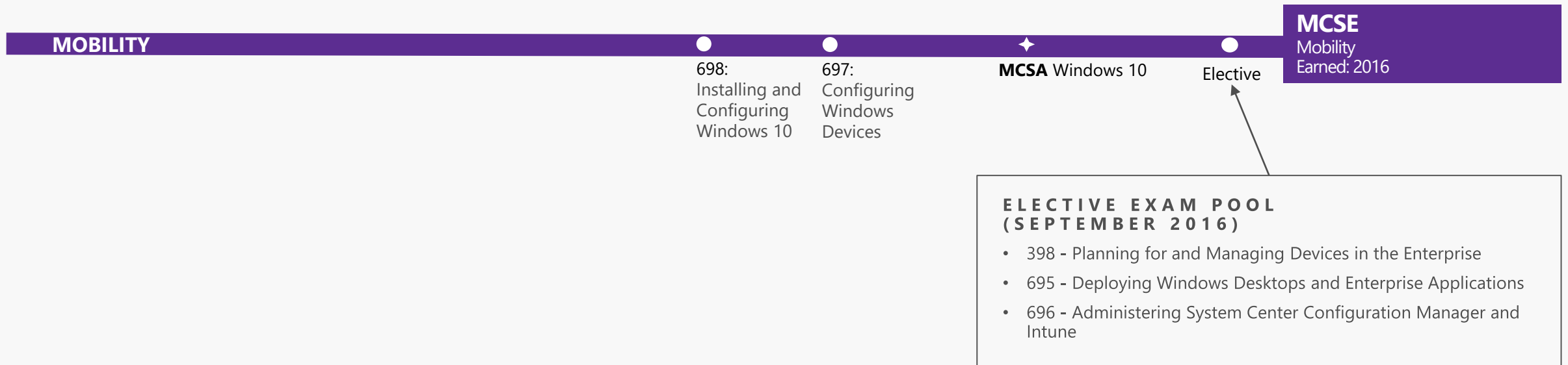




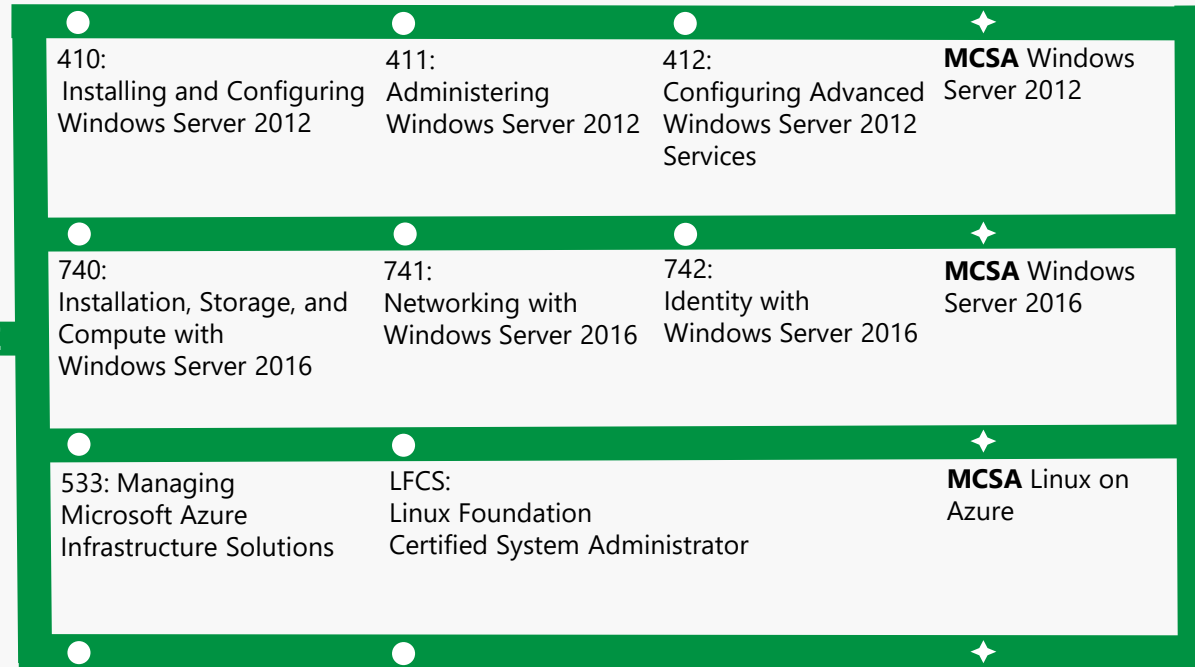
# Technical Certification Paths for 2016-2017



# MOBILITY PATH



# CLOUD PLATFORM & INFRASTRUCTURE PATH



**MCSE**  
Cloud Platform & Infrastructure  
Earned: 2016

Elective

## ELECTIVE EXAM POOL (SEPTEMBER 2016)

- 532: Developing Microsoft Azure Solutions
- 533: Managing Microsoft Azure Infrastructure Solutions
- 534: Architecting Microsoft Azure Solutions
- 473: Designing and Implementing Cloud Data Platform Solutions
- 475: Designing and Implementing Big Data Analytics Solutions
- 744: Securing Windows Server 2016
- 413: Designing and Implementing a Server Infrastructure
- 414: Implementing an Advanced Server Infrastructure
- 246: Monitoring and Operating a Private Cloud
- 247: Configuring and Deploying a Private Cloud

# DATA MANAGEMENT & ANALYTICS PATH

## DATA MGMT & 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	<b>MCSA SQL Server 2012/2014</b>
761: Querying Data With Transact-SQL	762: Developing SQL Databases		<b>MCSA SQL 2016 Database Dev</b>
764: Administering a SQL Database Infrastructure	765: Provisioning SQL Databases		<b>MCSA SQL 2016 Database Admin</b>
767: Implementing a SQL Data Warehouse	768: Developing SQL Data Models		<b>MCSA SQL 2016 BI Development</b>

Elective

**MCSE**  
Data Mgmt & Analytics  
Earned: 2016

### ELECTIVE EXAM POOL (SEPTEMBER 2016)

- 473: Designing and Implementing Cloud Data Platform Solutions
- 475: Designing and Implementing Big Data Analytics Solutions
- 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

# PRODUCTIVITY PATH

## PRODUCTIVITY

●  
346:  
Managing Office 365  
Identities and Requirements

●  
347:  
Enabling Office 365  
Services

★  
**MCSA Office 365**

●  
Elective

**MCSE**  
Productivity  
Earned: 2016

### **ELECTIVE EXAM POOL (SEPTEMBER 2016)**

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

# 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

**MCSA**  
App Builder  
Earned: 2016

## ELECTIVE EXAM POOL (SEPTEMBER 2016)

- 532: Developing Microsoft Azure Solutions
- 487: Developing Microsoft Azure and Web Services
- 488: Developing Microsoft SharePoint Server 2013 Core Solutions
- 489: Developing Microsoft SharePoint Server 2013 Advanced Solutions
- 354: Universal Windows Platform – App Architecture and UX/UI
- 355: Universal Windows Platform – App Data, Services, and Coding Patterns
- 496: Administering Microsoft Visual Studio Team Foundation Server
- 497: Software Testing with Visual Studio
- 498: Delivering Continuous Value with Visual Studio Application Lifecycle Management