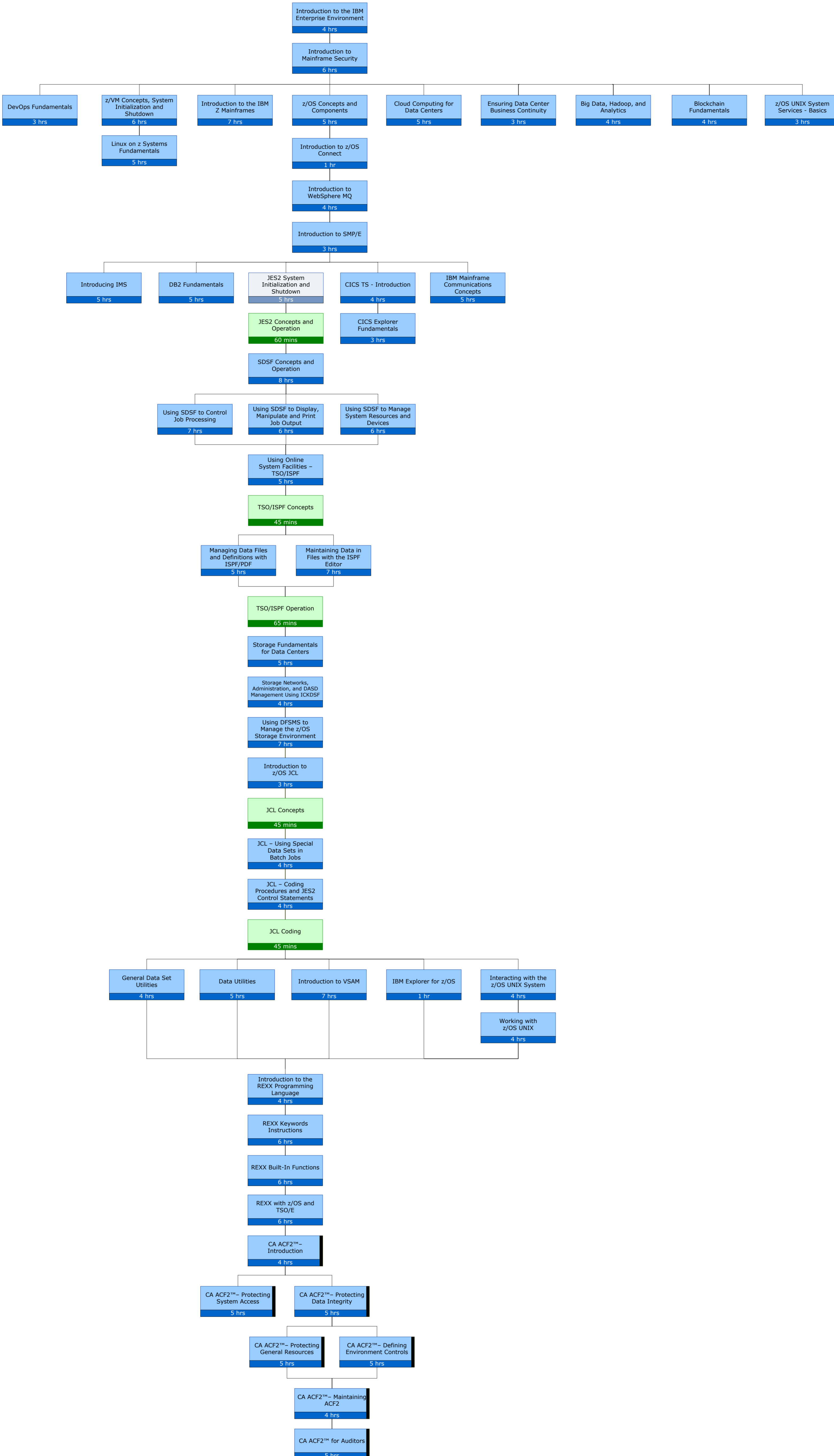# Security Administrator z/OS Learning Plan

The security administrator protects the organization's system data and resources from accidental or intentional disclosure, modification, or destruction. The duties of this position are:

- Creating and maintaining appropriate data and system resource access for users
- Auditing system security access
- Troubleshooting complex security issues

Approximate number of training hours - 246

This Learning Plan represents an industry standard education plan for this job role. Please note that the equivalent job role at your organization may use different software applications or require greater or lesser levels of expertise in any area. Please check our site regularly to see what new or updated courses have been added to this plan!

Introduction to the IBM Enterprise Environment — 4 hrs

Introduction to Mainframe Security — 6 hrs

DevOps Fundamentals — 3 hrs

z/VM Concepts, System Initialization and Shutdown — 6 hrs

Introduction to the IBM Z Mainframes — 7 hrs

z/OS Concepts and Components — 5 hrs

Cloud Computing for Data Centers — 5 hrs

Ensuring Data Center Business Continuity — 3 hrs

Big Data, Hadoop, and Analytics — 4 hrs

Blockchain Fundamentals — 4 hrs

z/OS UNIX System Services - Basics — 3 hrs

Linux on z Systems Fundamentals — 5 hrs

Introduction to z/OS Connect — 1 hr

Introduction to WebSphere MQ — 4 hrs

Introduction to SMP/E — 3 hrs

Introducing IMS — 5 hrs

DB2 Fundamentals — 5 hrs

JES2 System Initialization and Shutdown — 5 hrs

CICS TS - Introduction — 4 hrs

IBM Mainframe Communications Concepts — 5 hrs

JES2 Concepts and Operation — 60 mins

CICS Explorer Fundamentals — 3 hrs

SDSF Concepts and Operation — 8 hrs

Using SDSF to Control Job Processing — 7 hrs

Using SDSF to Display, Manipulate and Print Job Output — 6 hrs

Using SDSF to Manage System Resources and Devices — 6 hrs

Using Online System Facilities – TSO/ISPF — 5 hrs

TSO/ISPF Concepts — 45 mins

Managing Data Files and Definitions with ISPF/PDF — 5 hrs

Maintaining Data in Files with the ISPF Editor — 7 hrs

TSO/ISPF Operation — 65 mins

Storage Fundamentals for Data Centers — 5 hrs

Storage Networks, Administration, and DASD Management Using ICKDSF — 4 hrs

Using DFSMS to Manage the z/OS Storage Environment — 7 hrs

Introduction to z/OS JCL — 3 hrs

JCL Concepts — 45 mins

JCL – Using Special Data Sets in Batch Jobs — 4 hrs

JCL – Coding Procedures and JES2 Control Statements — 4 hrs

JCL Coding — 45 mins

General Data Set Utilities — 4 hrs

Data Utilities — 5 hrs

Introduction to VSAM — 7 hrs

IBM Explorer for z/OS — 1 hr

Interacting with the z/OS UNIX System — 4 hrs

Working with z/OS UNIX — 4 hrs

Introduction to the REXX Programming Language — 4 hrs

REXX Keywords Instructions — 6 hrs

REXX Built-In Functions — 6 hrs

REXX with z/OS and TSO/E — 6 hrs

CA ACF2™– Introduction — 4 hrs

CA ACF2™– Protecting System Access — 5 hrs

CA ACF2™– Protecting Data Integrity — 5 hrs

CA ACF2™– Protecting General Resources — 5 hrs

CA ACF2™– Defining Environment Controls — 5 hrs

CA ACF2™– Maintaining ACF2 — 4 hrs

CA ACF2™ for Auditors — 5 hrs

Legend:

- Interskill e-Learning Courses
- Interskill Skills Assessments
- Indicates that other courses can be substituted for this one
- Optional

Note: Interskill e-Learning Courses cover all the main topics tested in the Assessments. Prior to completing each Assessment it is recommended that you obtain additional practical experience, or on-the-job training in the areas relevant to the Assessment topic.