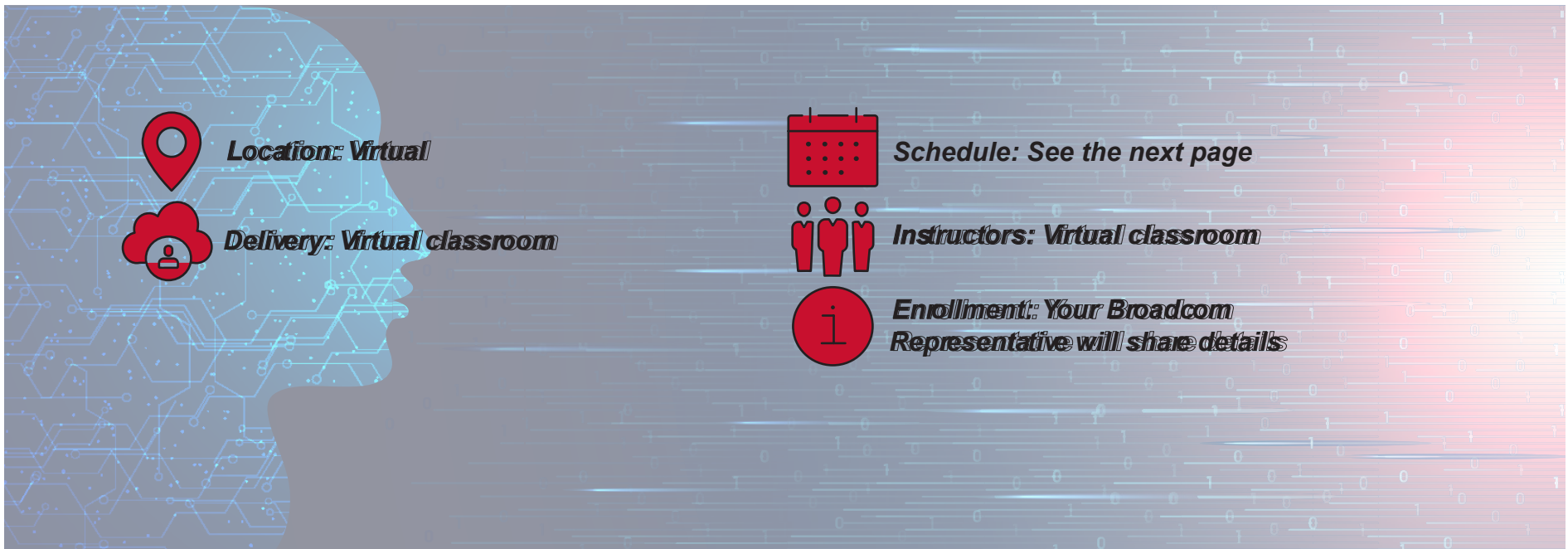


Mainframe Foundations Program

Building Mainframe Skills Through Hands-On Experience



The Mainframe Foundation Program is a 7-week onboarding program created to help successfully build mainframe products skillsets. The program is strongly focused on technical skills. Students will dive into z/OS Basics, JCL, REXX and COBOL, which are just some of the technical skills they will gain by the end of the curriculum. The Mainframe Foundation program contains hands-on workshops and exercises and is taught by experts, past and present, who bring real-life experience to each session!



Mainframe Foundations Program

Calendar and Curriculum

- 7-week instructor-led program
- Focused on technical skills
- Hands-on workshops and exercises
- Taught by experts bringing real-life experience to the classroom

Mainframe Foundations	Module 1 Program Kickoff, z/OS Basics, JES2 and SDSF	Module 2 Intro to JCL	Module 3 Advanced JCL & Utilities	Module 4 VSAM, Intro to USS
	<ul style="list-style-type: none"> Welcome - Kickoff z/OS Basics and TSO/ISPF <ul style="list-style-type: none"> Modern tools Zowe ecosystem JES2 and SDSF 	<ul style="list-style-type: none"> Introduction into JCL [Job Control Language] <ul style="list-style-type: none"> JCL statements, most useful parameters Procedures, parameters changes Advanced techniques 	<ul style="list-style-type: none"> JCL Continuation – Usage of z/OS Utilities 	<ul style="list-style-type: none"> Introduction into VSAM datasets <ul style="list-style-type: none"> VSAM data types Data operations – performance view Introduction into Unix System Services <ul style="list-style-type: none"> Basic commands Role of USS in z/OS
Mainframe Foundations	Module 5 REXX, Sort, Databases, SMP/E	Module 6 COBOL	Module 7 Course Review	
	<ul style="list-style-type: none"> REXX Introduction into REXX programming <ul style="list-style-type: none"> Statements, conditional programs debugging, processing, looping Working with datasets Sort Utility Intro to Subsystems Databases and Database Management Techniques SMS/Storage SMP/E 	<ul style="list-style-type: none"> COBOL Compile/Link Process VSAM for Cobol (option) 	<ul style="list-style-type: none"> Individualized Instruction and project work Review Capstone Project 	

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