

# Mainframe Education Overview

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Program Manager, Mainframe Division

# Agenda

Mainframe Education Strategy

What's New in Product Education?

What is Mainframe Academy?

What is Mainframe eLearning Library?

What is the Associate Software Engineer Program?

What is Mainframe Vitality?

Resources for Finding and Accessing Education

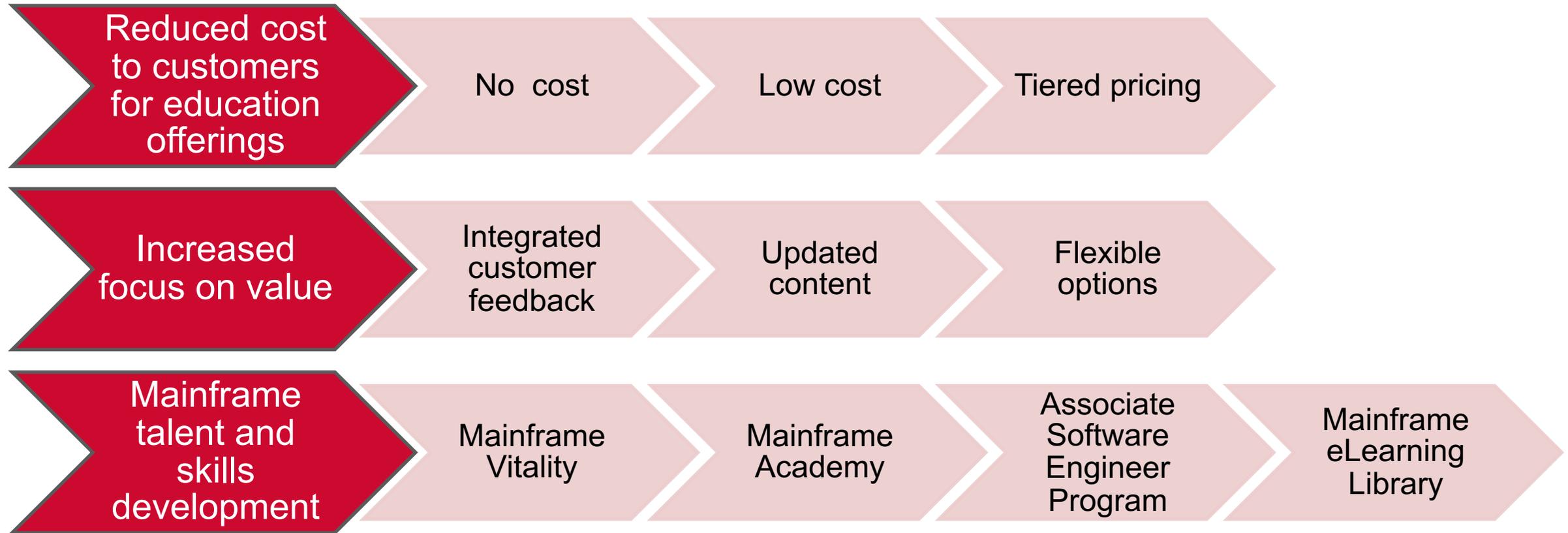
Who to Contact

Questions?

# Mainframe Education Strategy



# Mainframe Education Strategy



# Product Education



# Mainframe Education Offerings

## Mainframe Academy

- 6-week curriculum on core systems programming skills (z/OS, TSO, JCL) both Instructor-led and self-paced
- Learning Roadmap and Exams
- Available *at cost* to you

## Mainframe eLearning Library

- Product and vendor-agnostic training
- Earn official IBM Skills Credentials
- Available *at cost* to you

January  
2020

## Associate Software Engineering Program

- 7 weeks of intensive in-person mainframe training
- For recent graduates entering mainframe or experienced professionals seeking a career change
- Cost limited to travel and expenses

## Mainframe Vitality Program

- 8-12 week instructor-led mainframe residency program
- CA Datacom; CA IDMS, CA Endeavor, Mainframe Security
- Training continues onsite at your location, with potential for full-time hiring by you
- Cost dependent upon Broadcom/customer contract

## Web-based & Instructor-Led Training

- Product Web-based versions for self-paced convenience and is available at *no cost* if you have maintenance
- CA product-based courses taught by subject matter experts, upon request. Available *at cost* to you.

## Videos & eBooks

- Quick, targeted, task-focused training on-the-go
- Best practices and “how-to” content optimized for mobile viewing
- Available at *no cost* to you

# What is New in Mainframe Product Training?

## Web-Based Training:

CA Datacom Database Key  
Concepts 200 06DCM20130

CA Endeavor SCM  
Integrations for Enterprise  
DevOps: CA Enterprise Git  
Bridge Feature: Introduction  
for the Repository Owner  
200 06GIT10020

CA Gen Design and  
Construction for GUI and  
Web: Design the Database  
06GEN20380

CA Gen Design and  
Construction for GUI and  
Web: Generate and Install  
the Database 06GEN20390

CA Gen Design and  
Construction for GUI and  
Web: Design, Construct,  
and Text Procedures  
06GEN20400

# What is New in Mainframe Product Training?

Web-Based Training con't:

CA Gen  
Encyclopedia -  
Concepts and  
Functions  
06GEN20340

CA Gen  
Encyclopedia -  
Manage Models  
06GEN20350

CA Gen  
Encyclopedia -  
Transfer Data  
06GEN20360

CA Gen  
Encyclopedia -  
Control Access  
06GEN20370

CA SYSVIEW®  
Performance  
Management: Option  
for CICS: Advanced  
300 06SYS30010

Zowe Desktop v1.3  
Overview  
06BRS20020

# What is New in Mainframe Product Training?

## Instructor-Led Training:

CA Top Secret V16:  
Advanced Technical  
Security Mainframe and  
Distributed Integrations  
300 06TSS30101

CA Vantage™ Storage  
Resource Manager:  
Managing DASD and  
Tape Storage:  
Foundations 200  
06VSR20041

CA Workload Automation  
Restart Option for z/OS  
Schedulers r11: Basic  
Operations and  
Administration 200  
06ELV20011

# Working with Partners – Public Class Schedule at ProTech

<https://www.protechtraining.com/training/browse/ibm-mainframe-midrange/authorized-broadcom>

- [CA-7 Operations Workshop](#)  
January 13 – 15, 2020
- [CA Endeavor Software Change Manager: Application Dev 200](#)  
January 13 – 14, 2020
- [CA Endeavor SCM: Advanced Processor Writing & Adv Topics](#)  
January 15 – 17, 2020
- [CA Workload Automation EE R11.3 Foundations 200](#)  
January 22 – 24, 2020
- [Understanding & Using CA-OPS/MVS](#)  
January 27 – 28, 2020
- [CA ACF2 for z/OS V16.x Foundations 200](#)  
February 10 – 14, 2020
- [Introduction to Easytrieve](#)  
February 19 -21, 2020
- [CA View Administration](#)  
February 19 – 21, 2020
- [CA Deliver Administration](#)  
February 20 – 21, 2020
- [CA Endeavor Software Change Manager: Administrators 200](#)  
February 24 – 28, 2020
- [Constructing CA-OPS/MVS Applications](#)  
March 30 – April 1, 2020
- [Understanding CA-OPS/MVS RDF & SSM](#)  
April 2 – 3, 2020

# Coming Soon...

CA 1 Tape  
Management:  
Tape Processing  
200  
06TPM20110  
WBT

CA 1 Tape  
Management:  
Tape Processing  
with CA 1 200  
06TPM20120  
WBT

CA Top Secret for  
z/OS: Security  
Mainframe and  
Distributed  
Integrations 200  
06TSS20071  
ILT

CA Workload  
Automation ESP:  
Foundations 200  
TBD  
ILT

CA Workload  
Automation ESP:  
Operator 200  
TBD  
ILT

# Mainframe Education Programs



# What is Mainframe Academy?

## Six-Week Blended Learning Bootcamp

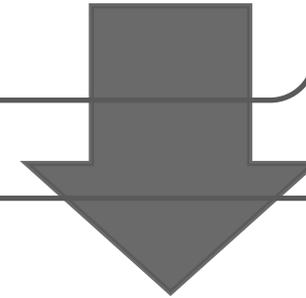
- Designed by mainframe customers for mainframe customers
- Vendor-agnostic
- 27-day immersion program
- Real-world and project-based curriculum
- Blended Learning including VILT, WBT, and labs
- Students can become Certified Mainframe Professionals
- Offered to customers at cost from Broadcom
  - \$13,000 per student, minimum of four students to run

# What is Mainframe Academy?

## Results

### For Participants:

- Official Certification
- Core programming language skills
- Access to Mainframe Academy Portal for a calendar year



### For Companies:

- Reduced recruiting/OPEX costs
- Accelerated projects
- Reduced risk/redundant skills
- Reliable resource planning

## Mainframe Academy

The solution: Mainframe Academy with CA Technologies.

Designed for mainframe customers by mainframe customers, Mainframe Academy is an accelerated, vendor-agnostic program that equips your IT professionals with core programming skills to manage your mainframe environment.

INDUSTRY ANALYST REPORT

Mainframe Skills Report

[View report](#)

## Mainframe Academy on the Web

- Mainframe Academy Course Catalog
  - Sample calendar
  - Course outline
- Mainframe Skills Report
- Key Benefits
- Contact Information

### Mainframe Academy Key Benefits



Help solve the mainframe talent gaps in the workforce.



Gain immediate access to mainframe skills.



Expand cross-training of employee skill base for succession planning.



Increase in-house competency in z/OS® programming skills.



Improve the ability to detect and troubleshoot issues before they impact the business.



Get the full of list of all topics and other details in the course catalog.  
[View course catalog](#)

Enroll in Mainframe Academy today.

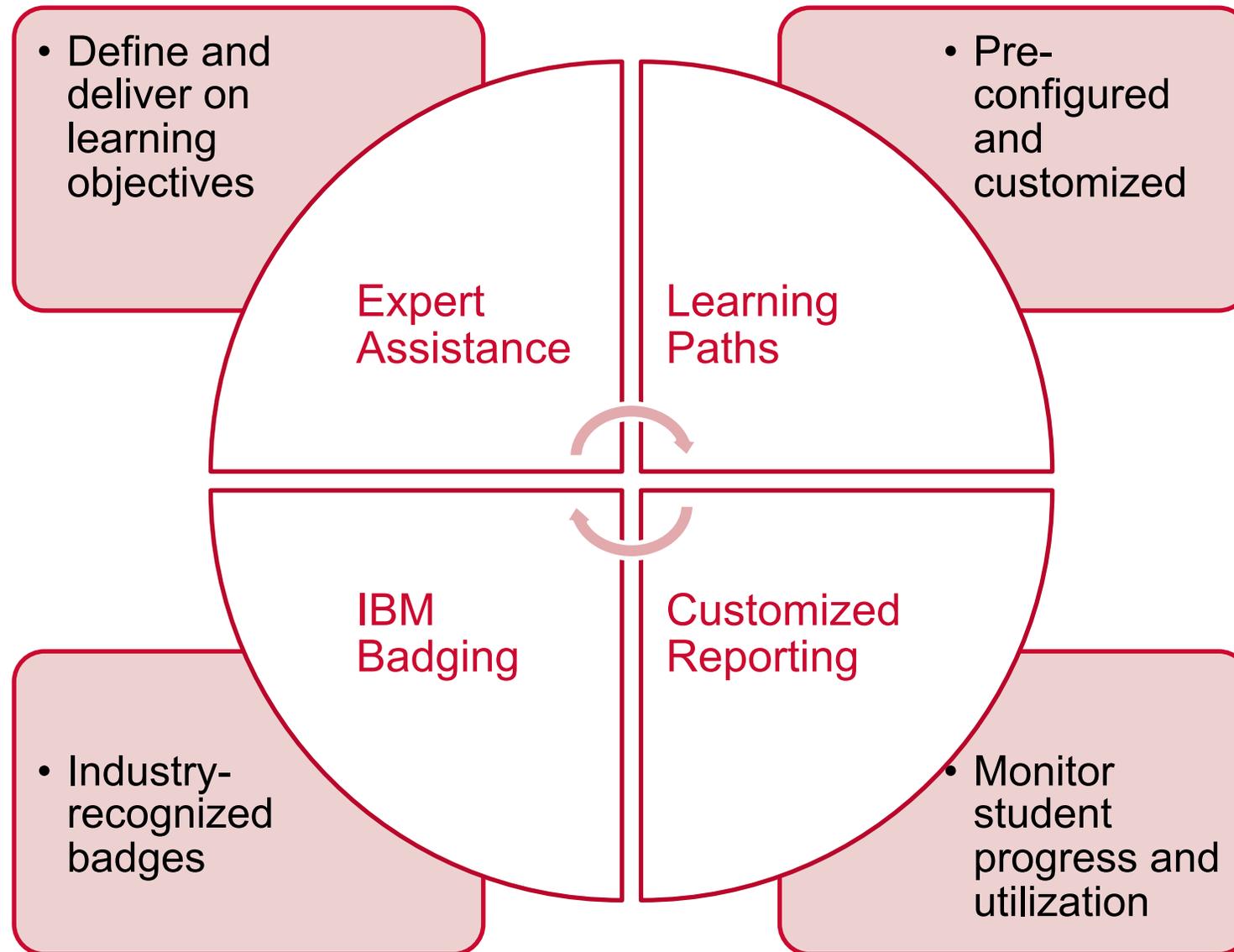
To enroll in Mainframe Academy, contact us at [mainframe.education@broadcom.com](mailto:mainframe.education@broadcom.com).



# What is Mainframe eLearning Library?

- 240+ courses, 1,000+ hours of general mainframe training
- Low-cost, high-quality, structured mainframe training
- Effortless, flexible training delivery
  - Anywhere, anytime, instant global availability
  - No travel, no waiting, no cancellations, no time away from work!
  - Not just training but an ongoing, online reference/refresher
- Result: A more versatile, more broadly skilled mainframe workforce requiring lower training costs and less management effort
- Offered to customers at a tiered pricing model
  - 1-9 licenses: \$1,500 each
  - 10-49 licenses: \$1,000 each
  - 50-99 licenses: \$800 each
  - 100-249 license: \$600 each
  - 250+ licenses: \$300 each

# What is Mainframe eLearning Library?



# What is Mainframe eLearning Library?

## Resources

### Course Catalog



Detailed content of all courses and skills assessments by curriculum. Includes course agenda, duration, prerequisites and content.

[Explore full catalog](#)

[Explore assessments](#)

[View recently released](#)

### Demos



Try a sample module of one of our courses.

[Explore](#)

### Learning Plans



Job-specific training paths that guide you to your goals.

[Explore](#)

# Mainframe eLearning Library Catalog

Below is a complete list of all self-paced elearning courses grouped by curriculum. We recommend you follow a job-role specific Learning Plan but courses can be taken at any time, in any order and unlimited times within your contract period. Courses and assessments are accessed by students online 24/7 via our Learning Management System(LMS). Please contact your Broadcom Representative with any questions.

Search our catalog

- » Assembler
- » Blockchain
- » C Programming
- » CA Curriculum
- » CA Premium Curriculum
- » CA Premium Videos Curriculum
- » CICS v5.3
- » Cloud Computing
- » COBOL Programming
- » Cryptography Curriculum
- » Data Analysis, Analytics, and Machine Learning Curriculum
- » Database - DB2 v11



# Assessments Catalog

Assessments can be taken before and/or after taking our courses. As like our courses, there are no schedules and you may take assessments multiple times within your contract period. Courses and assessments are accessed by students online 24/7 via our Learning Management System(LMS). Select an assessment topic below for more details on each assessment:

Search our catalog

## CICS

## COBOL

Course Title	Duration	Description
<a href="#">COBOL Basics Assessment</a>	1.5	The assessment is designed for IT staff who work or plan to work with the COBOL programming language in a z/OS environment.
<a href="#">COBOL Advanced Assessment</a>	1.5	The assessment is designed for IT staff who work or plan to work with the COBOL programming language in a z/OS environment.

## JCL

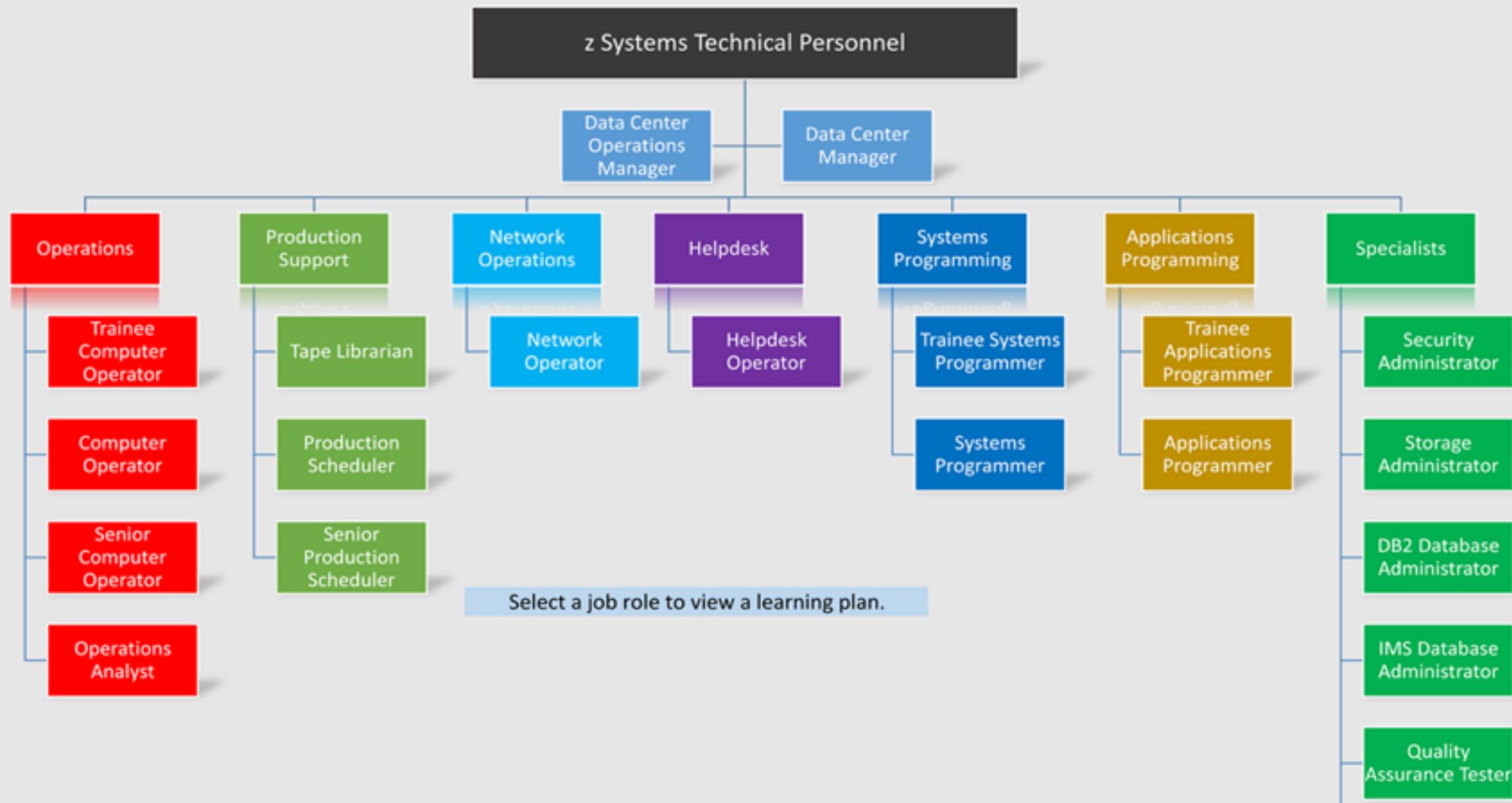
## JCL 2.3

## JES2

## Mainframe Network Communications

# Learning Plans By Job Role

Please select from the Mainframe Organization Chart below and view a graphical, defined "road map" of learning activity that will lay the foundation for your success in that Mainframe Job Role.



# What is the Associate Software Engineer Program?

## Objectives

- Train our developers to successfully build mainframe products
- Build self and team collaboration
- Design products based on customer needs

## Logistics

- Seven-week program
- Blended learning of soft and technical skills
- Hands-on workshops and exercises are taught by our own experts
- Voluntary Teaming Events including attending a Pirate game, BBQ pool party, and the camaraderie with fellow students and employees

## Topics

- Introduces Agile
- Introduces Design Thinking and User Experience
- Dives into z/OS basics, TPX, Security, TSO/ISPF, CA SYSVIEW, JCL, Utilities, SMP/E, CA Endeavor and MSPS, REXX, Assembler

# Mainframe Vitality Program

- Attract talent, grow and retain skills for a long-term career in Mainframe
- Multi-dimensional learning environment
- Onsite and online instructor-led followed by field experience at customer site
- Your expert and our expert collaborating to train Mainframe talent
- No to low cost for Broadcom customers



For more information:

[mainframe.vitality@broadcom.com](mailto:mainframe.vitality@broadcom.com)

# What You Need to Know

- All Residents (Customer Hire or Broadcom Hire) will be trained on a Broadcom Licensed Product
- Current Products Mainframe Vitality is Training in are CA IDMS, CA Datacom, CA Endeavor, CA ACF2 and CA Top Secret
- Next Products to be added could be CA GEN, CA OPS/MVS, ??
- Signed SOWs give customers the chance to interview Residents for their needs
- No Cost / Low Cost

## The Team

- Executive Sponsor – Deb Carbo
- Program Director – Neal Cash
- Program SME – Earl Dixon
- Instructional Designer – Tara Stubert

**The Website** - [www.ca.com/vitality](http://www.ca.com/vitality)

For more information email: [Mainframe.Vitality@Broadcom.com](mailto:Mainframe.Vitality@Broadcom.com)

# Education Access and Resources



SEARCH myBroadcom Account:

[Forgot Username/Password?](#)



# Provide your login credentials, accept the Terms of Use and Privacy Policy, and click the SIGN IN button.

SEARCH

For CA Technologies customers, please refer to the email from CustomerSupport-noreply@broadcom.com or [click here](#) to reset your password.



Broadcom Employees: Use your Broadcom SSO userid followed by @broadcom.net and password

I understand and accept Broadcom's [Terms of Use and Privacy Policy](#)

[Forgot password?](#)  
[Do not have an account. Register here.](#)

# myBroadcom

[CONTACT US](#)

## Choose Your Product:

### Applications

Brocade Products	CA Technologies Software	Components, SOCs or Custom Products	Data Center Storage Products: ROCs, SOCs, IOCs & Expanders	PCIe Switches and Bridges
<ul style="list-style-type: none"><li>Customer Support Portal (docSAFE)</li><li>Case Management</li><li>Learning Portal</li><li>SAN Health</li><li>License Management</li></ul>	<ul style="list-style-type: none"><li>Software Support Portal</li><li>Case Management</li><li><b>Learning Portal</b></li><li>Partner Portal</li></ul>	<ul style="list-style-type: none"><li>Customer Support Portal (docSAFE)</li><li>Customer Service Management (Incident and Knowledge Management)</li></ul>	<ul style="list-style-type: none"><li>Customer Support Portal (docSAFE)</li><li>Customer Service Management (Incident and Knowledge Management)</li></ul>	<ul style="list-style-type: none"><li>Customer Support Portal (docSAFE)</li><li>Customer Service Management (Incident and Knowledge Management)</li></ul>

### Communities

<p><b>Brocade Storage Networking Community</b></p>	<p><b>Enterprise Software Community</b></p>	<p><b>Mainframe Software Community</b></p>	<p><b>Ethernet Switch Community</b></p>
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  **0 Completions**  
 **0 Hours**

Hi Anitha! What would you like to learn today?

Your Subjects Add  
You don't have any subjects yet. Add a few to get better recommendations.

Transcript View

<b>0</b> PAST DUE	<b>0</b> DUE SOON	<b>0</b> ASSIGNED / NO DUE DATE
----------------------	----------------------	---------------------------------------

# Learning Paths

Ready to master your CA solution? It all starts with Learning Paths!

 [View Learning Paths](#) 



# Learning Search

ca

## Filters

Reset

275 Results

DURATION



TYPE



SUBJECT



PROVIDER



Online Class

**CA MICS: Reporting 200**

1 hour, 30 min

Training Details

 **CA MICS: Reporting 200**  
Online Class · CA-Mainframe · 1 hour, 30 minutes

[Launch](#)

This course provides an in-depth review of the facilities available to generate the reports and charts you need to manage your IT infrastructure and workloads. From ad-hoc analysis through the creation of production reporting and web publishing, the course materials explain the rich reporting options available for extracting and visualizing the valuable information stored in your CA MICS database.

**Keywords:** MICS, Reporting, 06MIC20230, CA MICS r12.x

FULL COURSE DESCRIPTION

English

# Learning Search

**Filters** Reset

DURATION ▼

TYPE ▼

SUBJECT ▼

PROVIDER ▼

275 Results



Online Class  
**CA MICS: Reporting 20**  
1 hour, 30 minutes

Training Details

 **CA MICS: Reporting 200**  
Online Class - CA-Mainframe - 1 hour, 30 minutes

[Request](#)

This course provides an in-depth review of the facilities available to generate the reports and charts you need to manage your IT infrastructure and workloads. From ad-hoc analysis through the creation of production reporting and web publishing the course materials explain the rich reporting options available for extracting and visualizing the valuable information stored in your CA MICS database.

**Keywords:** MICS, Reporting, 06MRC2020, CA MICS v12x

FULL COURSE DESCRIPTION  
English

# Resources for Accessing Education

- YouTube: Learning@Broadcom (2 minutes)
  - <https://www.youtube.com/watch?v=FDMYxWLIw00>
  - Topics:
    - Logging in
    - Searching for a course
    - Registering for free and for-fee courses
    - Viewing your transcript
- Customer Support Portal
  - Registration and Login
    - <https://www.broadcom.com/mybroadcom/login>
  - FAQ for accessing Support/Education provided on the login page

# Resources for Accessing Education

- Communities
  - Mainframe Communities
    - <https://community.broadcom.com/mainframesoftware/home>
  - Broadcom Communities Walkthrough
    - <https://register.gotowebinar.com/recording/2877722496018408195>
- Course Catalog
  - <https://community.broadcom.com/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=828e4ed8-0096-057c-4308-f8c293ad5da3&forceDialog=0>
- Web Pages
  - Mainframe eLearning Library
    - <https://www.broadcom.com/support/education-training/specialized-training/mainframe-elearning-library>
  - Mainframe Academy
    - <https://www.broadcom.com/support/education-training/specialized-training/mainframe-academy>
  - Mainframe Vitality
    - <https://www.broadcom.com/support/education-training/specialized-training/mainframe-training/mainframe-vitality-program>

# Contacts

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# Questions?

# Thank You





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