

IBM zSystems

Upskill, Reskill, New
Skill with IBM Z Xplore

Shelly Meierarend and Monica Siegel

The technology industry is facing a major skills gap

“While the estimated number of currently qualified researchers in the field is 300,000 globally, including students. Businesses will likely require a million or more artificial intelligence specialists.”

Tencent

“Globally, there will be a shortage of 1.8 million cybersecurity professionals by 2022.”

Frost & Sullivan

“Artificial intelligence will impact 100% of the professions. STEM enrollment rates in LA range between 2% and 7% compared to 10% in OECD countries, and 13% and 18% in economies such as Germany, France, Ireland, the United Kingdom and China.”

OECD (Organisation for Economic Co-operation and Development), CEPAL (United Nations Economic Commission for Latin America and the Caribbean), CAF (Development Bank of Latin America).

Universities are facing significant challenges in education

“The biggest challenge facing higher education involves meeting the expectations of customers and gaining an understanding of their needs in the world.”

**CIO, North America
Public University**

“Most academic and business leaders identified job placement as the best measure of higher education effectiveness”

**IBM Institute for
Business Value**

“One of the biggest challenges facing higher education is optimizing practical learning – focusing on skills and experience rather than transferring a core base of knowledge.”

European University Leader

IBM Academic Initiative

enables students and faculty at accredited academic institutions to access select IBM resources through a **no-charge, self-service program** that will provide them with the requisite skills to help distinguish themselves in their career.



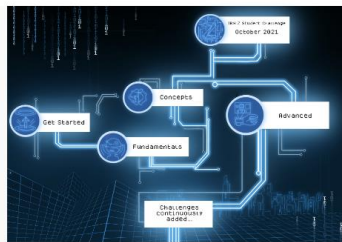
IBM zSystems Educator Hub

The IBM zSystems Educator Hub is a one-stop destination for IBM zSystems educators to find the latest communications, news and events, as well as collaborate and network

Login or register

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Spotlight



IBM Z Xplore Inspires a New Learning Experience

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Upcoming events

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Community 06/08/2022

IBM z/OS Academy - z/OS and the z...

United States



Community 06/14/2022

GSE Nordic Conference

Sweden



Community 06/16/2022

VM Workshop 2022

IBM zSystems Academic Initiative


Educating the next generation of zSystems talent

Get easy no-charge access to the tools you need to develop the next great thing. Enjoy powerful technical and strategic resources from IBM.

Courseware

- IBM zSystems Enterprise Kickstart
- Introduction to the Mainframe
- Introduction to the COBOL Language
- Linux on IBM zSystems
- z/OS Introduction


ibm.biz/z-academic



Access to materials
and systems



Open Badges



IBM zSystems
Academic Cloud
Access



IBM Z Xplore

A New Learning Experience

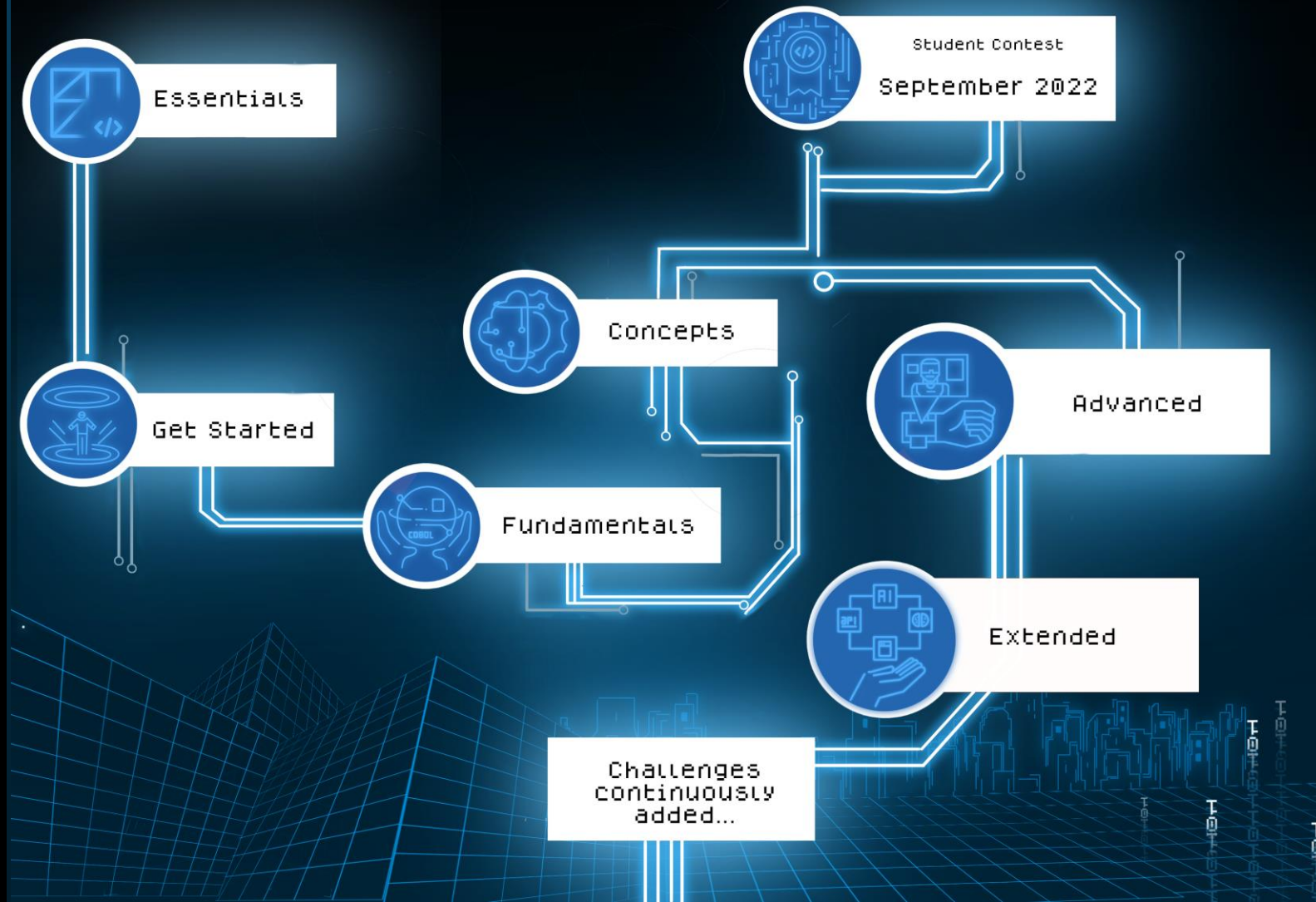
The new learning platform is a year-round interactive learning platform available for anyone to get hands-on experience across a variety of technologies, to develop valuable skills, and to earn industry recognized digital badges – with **no prior knowledge required!**

You will find:

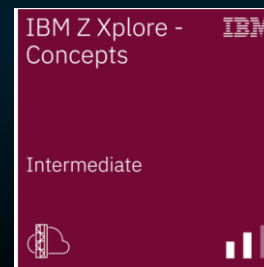
- Hands-on Challenges
 - Progressive learning paths
 - Direct access to IBM zSystems environments
 - User community and leaderboard
 - Digital badging
- **Fundamentals:** Learn about data sets and how to use VS Code. Get introduced to coding languages such as JCL, Python, and USS through hands-on challenges.
 - **Concepts:** Get increased knowledge on security, uptime and enterprise scalability. Take a deeper look into subsystems, enterprise systems and RACF.
 - **Advanced:** Further your hands-on learning around REXX, COBOL, Linux, VSAM, JCL, Python, Db2 and more.
 - **Extended:** Develop skills surrounding TSO/ISPF, Node.js, Machine Learning and more.

Register today: ibm.biz/ibmz-xplore

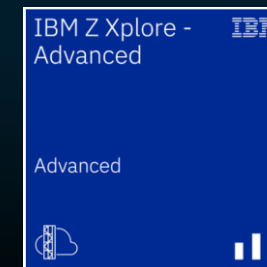
Discover all resources: ibm.biz/ztalent



Concepts
Badge



Advanced
Badge



Announcements

IBM Z Xplore Learning Experience - Automated reports

One of the many benefits of IBM Z Xplore Learning Experience is that if you are an educator that uses the IBM Z Xplore Learning experience in your curriculum, you are able to utilize and receive automated reports on the progress of your students, by simply completing a quick form and submitting it to us. Once submitted, allow 3-5 business days for us to send you your unique course code. There will be further instructions within the course code email. **Reminder that you do need to submit the form every new semester so that you will have a current student report.

Take advantage of this great feature of the IBM Z Xplore Learning Experience! Have questions? Reach out and we are here to help you!

Here are the links to get started:

Links for educators:

- Educator Request Form: <https://app.smartsheet.com/b/form/50cc2ecd676e440ab57176ecfaaf5b79>
- IBM Z Xplore Kit: <https://ibm.box.com/v/ibmzxplore-kit>

IBM Services

Educator Request Form

Thank you for utilizing the IBM Z Xplore Learning Experience in your classroom. In order to receive automated reports on the progress of your students, please submit the form below.

Once submitted, allow 3-5 business days for us to send you your unique course code. There will be further instructions within the course code email.

Look for subject line, "IBM Z Xplore: Your Unique Course Code has been created"

First Name *

Last Name *

Email *

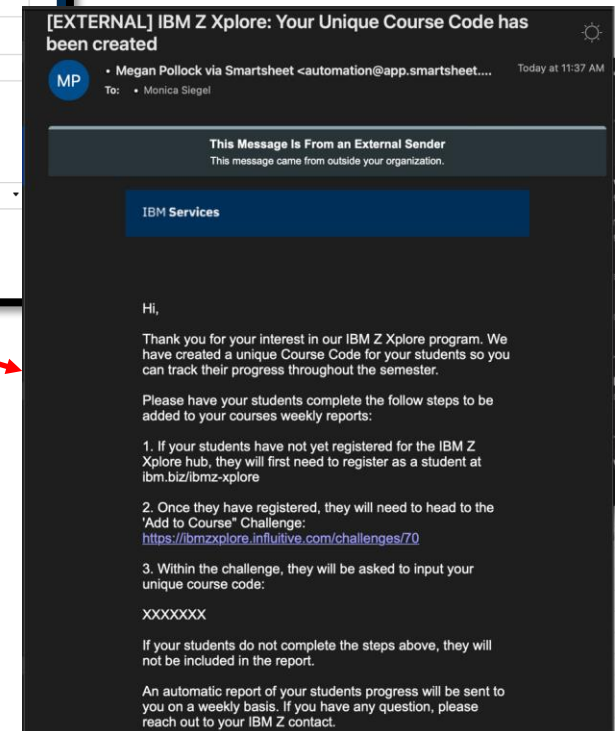
School/University *

Course Name *

Roughly how many students will be in your course? *

What day would you like to receive your report? *

Course Start Date *



Demo