EMC ACADEMIC ALLIANCE

Advance your students' IT skills in Cloud, Big Data, and Data Center technologies. Join the EMC Academic Alliance Program.

Virtual and Cloud Infrastructures require a broad array of skills that cross multiple disciplines. The next generation of IT professionals must understand the integration, interaction, and interconnection between all data center components. Additionally, the emergence of Big Data analytics has highlighted the lack of data scientists needed to extract value from the volume and variety of data being created. These developments have dramatically changed the training and background required for IT professionals of the future.

EMC recognizes the need for more highly-skilled professionals across the entire IT industry. The EMC Academic Alliance program enables colleges and universities to help address the challenges of the IT industry's transformation. Prepare your students for exciting career opportunities by joining the EMC Academic Alliance program to offer comprehensive technical education developed by EMC, the industry leader.

Four key course offerings:

Information Storage and Management v2

• Cloud Infrastructure and Services

• Data Science and Big Data Analytics

• Backup Recovery Systems and Architecture

These courses align with EMC Proven Professional certification.

EMC Proven Professional is a leading education and certification program in the IT industry, providing comprehensive coverage of information storage technologies, virtualization, cloud computing, data/big data analytics, and more...

Contact us at academic_alliance_program_office@emc.com

GET STARTED WITH THE EMC ACADEMIC ALLIANCE PROGRAM

1. Apply for membership at http://education.emc.com/AcademicAlliance Click "Apply for Membership" and complete the online registration form.

2. Upon acceptance, new members join the faculty community to access course materials, resources, and online support.

3. Faculty completes the free EMC training for the course(s) selected.

4. Faculty prepares to teach and schedules class(es).

5. Faculty provides EMC with number of students educated in course(s) each year.

EMC² Academic Alliance — PROVEN PROFESSIONAL

EMC²

EMC Education Solution: Choose from these four courses:

These courses are based on an 'open' curriculum focused on technology concepts and principles applicable to any vendor environment.

INFORMATION STORAGE AND MANAGEMENT v2

The only course of its kind to fill the knowledge gap in understanding modern information storage infrastructure

The Information Storage and Management v2 (ISM) course includes:

• Storage Systems

• Storage Networking Technologies

• Backup Replication and Archive

• Cloud Computing

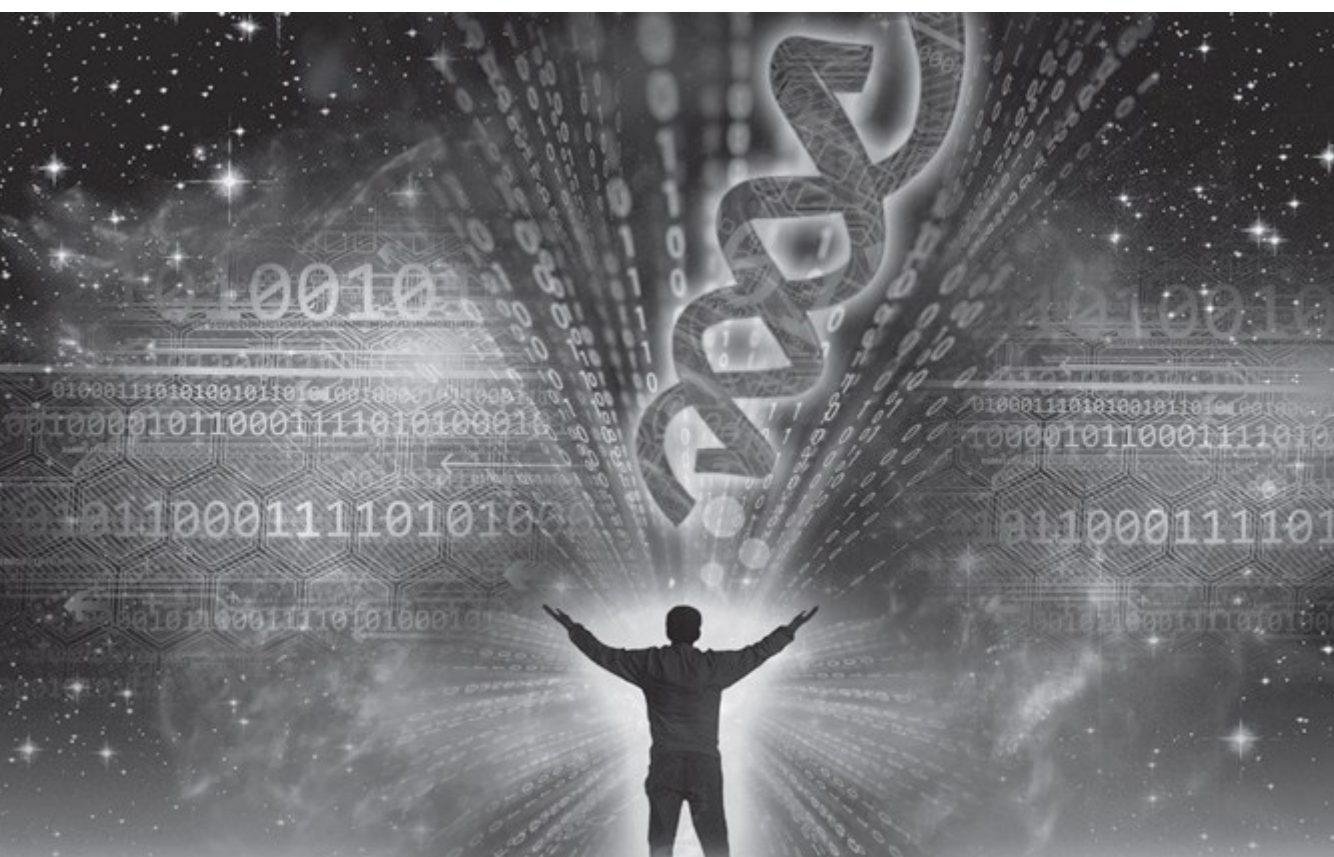• Securing and Managing Storage Infrastructure

CLOUD INFRASTRUCTRE AND SERVICES

"Cloud essentials" course for all IT professionals responsible for server, storage, networking, and applications

The Cloud Infrastructure and Services (CIS) course includes:

• Journey to the Cloud

• Classic Data Center (CDC)

• Virtualized Data Center (VDC) – Compute

• Virtualized Data Center (VDC) – Storage

• Virtualized Data Center (VDC) – Networking

• Virtualized Data Center (VDC) – Desktop and Application

• Business Continuity in VDC

• Cloud Computing Primer

• Cloud Infrastructure and Management

• Cloud Security

• Cloud Migration Considerations

DATA SCIENCE AND BIG DATA ANALYTICS

An 'open' course to unleash the power of big data

The Data Science and Big Data Analytics (DSBDA) course includes:

• Introduction to Big Data Analytics

• Overview of Data Analytics Lifecycle

• Using R for Initial Analysis of the Data

• Advanced Analytics and Statistical Modeling for Big Data – Theory and Methods

• Advanced Analytics and Statistical Modeling for Big Data – Technology and Tools

• Concluding and Operationalizing an Analytics Project

• Big Data Analytics Lifecycle Lab

BACKUP RECOVERY SYSTEMS AND ARCHITECTURE

Providing a solid foundation in Backup and Recovery infrastructure

The Backup Recovery Systems and Architecture (BRSA) course includes:

• Backup Theory

• Information Storage Concepts

• Backup Client

• Backup Storage Node

• Backup and Recovery Planning

CONTACT US

EMC Academic Alliance: http://education.EMC.com/AcademicAlliance

EMC Proven Professional certification: http://education.EMC.com/Certification

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