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Prerequisites: NOS 230

Corequisites: None

This course is designed to equip IT professionals and students with the skills to design and implement cloud-based solutions. The course covers the fundamentals of cloud computing, including the shared responsibility model, cloud service models (IaaS, PaaS, SaaS), and cloud deployment models (public, private, hybrid, multi-cloud). Students will learn how to design and implement cloud architectures using various cloud providers and services. The course also covers cloud security, compliance, and disaster recovery. The course is delivered through a combination of lectures, labs, and case studies. The course is worth 3 credit hours.

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