IT 155 : Cloud Computing Essentials

Credits 5
Quarter Offered Winter
This course covers the skills and knowledge required to make informed, critical decisions with cloud technologies and the impact they have on businesses. Learn the fundamentals of cloud technologies, deployment models, fiscal impact and use cases for businesses. This class may include students from multiple sections.
Course Outcomes
Demonstrate understanding of basic cloud fundamentals including cloud networking, design considerations and storage approaches.
Demonstrate skills operating within the cloud including data management and optimization, the role of DevOps with integration and provisioning.
Describe how to assess cloud infrastructure options through feasibility studies, gap analysis, benchmarking, and cloud vendor analysis.
Demonstrate basic risk management and response techniques as they relate to cloud services and the critical role of compliance with regulatory and international standards.