

# IT-BAS 420 : Strategies and Cloud Technologies

**Credits** 5

**Quarter Offered** Winter

This course explores cloud technologies' strategic implications and practical applications in contemporary business environments. The course examines cloud computing principles, including infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS), and their role in driving organizational agility, innovation, and cost-effectiveness. Emphasis is placed on understanding the strategic alignment of cloud initiatives with organizational goals, evaluating the economic and competitive impact of cloud solutions, and effectively managing cloud resources to maximize value. This class may include students from multiple sections.

Must be seeking a Bachelor of Applied Science in Management degree to enroll. If interested, visit [pencol.edu/bas](http://pencol.edu/bas)

## **Prerequisites**

Information Technology Management BAS Program Admittance

## **Course Outcomes**

- Articulate fundamental principles of cloud computing and its strategic implications for modern businesses.
- Apply strategic thinking to the selection and implementation of cloud technologies.
- Demonstrate proficiency in leveraging cloud technologies to optimize business processes.
- Develop strategic plans for cloud migration and adoption.
- Evaluate the effectiveness of cloud strategies and technologies using appropriate metrics.