

CIS 297 Amazon Web Services (AWS) and Cloud Compute Engines

CIS 297 AMAZON WEB SERVICES (AWS) AND CLOUD COMPUTE ENGINES

Explore how Amazon Web Services (AWS) and other cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. Students use various cloud platforms to provision, load-balance and scale their applications. The course discusses, from a developer perspective, the most important reasons for using Amazon Web Services (AWS) and other cloud computing services and examines the underlying design principles of scalable cloud applications. *Grade Option (Letter Grade or Pass/No Pass). Degree Credit.*

Units: 3

Hours/semester: 48-54 Lecture; 96-108 Homework

Corequisites: Completion of, or concurrent enrollment in, CIS 284

Recommended: Eligibility for ENGL 100.

Transfer Credit: CSU

