# **Lecture 1:**

1. Modern On-Demand Computing,  Amazon’s Elastic Cloud, Amazon EC2 Service Characteristics

2. Integration with Other Amazon Web Services: Amazon S3, Amazon SimpleDB, Amazon Simple Queue Service (Amazon SQS), Amazon CloudFront, Amazon Elastic Block Store (EBS)

# **Lecture 2:**

1. What is port mapped I/)O?

2. What is memory Mapped I/O?

3.What is DMA?

4. What are PCI and PCI express?

4. I/O virtualization techniques

5. Device Model

6. Hardware based I/O virtualization