

DEPARTMENT OF COMPUTER ENGINEERING

Semester	T.E. Semester VI – Computer Engineering
Subject	Mobile Computing
Subject Professor In-charge	Prof. Sneha Annappanavar
Assisting Teachers	Prof. Sneha Annappanavar
Laboratory	M310A

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Roll Number	21102A0014
TE Division	A

Title:

Mobile Computing and Cloud

The screenshot displays the Coursera interface for the course 'Mobile Computing and Cloud' by Illinois Tech. The left sidebar contains navigation links: Course Material, Grades, Notes, Discussion Forums, Messages (with a notification badge), and Course Info. The main content area shows a list of course items, all of which are marked as 'Complete' with a green checkmark. The items include: 'Meet and Greet Discussion' (Discussion Prompt • 10 min), 'Module 1 Introduction', 'Lesson 1: Mobile Computing', 'Lesson 2: Mobile Hardware' (highlighted), 'Lesson 3: Mobile Operating Systems', 'Module 1 Summative Assessment' (1 graded assessment left), 'Module 1 Summative Assessment' (Due, Mar 17, 11:59 PM +0530 Graded Assignment • 3h • Grade: --), and 'Module 1 Summary'. The top of the page shows the Coursera logo, a search bar, and the user's name 'Deep Salunkhe'.

Title: Mobile Computing and Cloud

Roll No: 21102A0014

coursera | Search in course **Search** | English | | **D** Deep Salunkhe

ILLINOIS TECH
Mobile Computing and Cloud
Illinois Tech

Course Material

- Module 1
- Module 2**
- Module 3

Grades

Notes

Discussion Forums

Messages **2**

Course Info

Module 2: Cloud and Virtualization

All videos completed All readings completed 1 graded assessment left

This module explores cloud computing. It explores common cloud computing terminology and technologies including hypervisors and containers. The module also examines how to create a virtual machine.

Show Learning Objectives

Module 2 Introduction **Complete**

- Module 2 Introduction Video • 1 min
- Pre-knowledge Quiz Practice Quiz • 10 questions

Lesson 1: Cloud Models **Complete**

- Cloud Computing Reading • 30 min
- Cloud Computing Video • 9 min

<https://www.coursera.org/learn/illinois-tech-mobile-computing-and-cloud/lecture/8OoG0/module-2-introduction>

coursera | Search in course **Search** | English | | **D** Deep Salunkhe

ILLINOIS TECH
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Course Material

- Module 1
- Module 2**
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Messages **2**

Course Info

Lesson 1: Cloud Models **Complete**

- Cloud Computing Reading • 30 min
- Cloud Computing Video • 9 min
- Cloud Computing Quiz Practice Quiz • 2 questions

Lesson 2: Hypervisors and Containers **Complete**

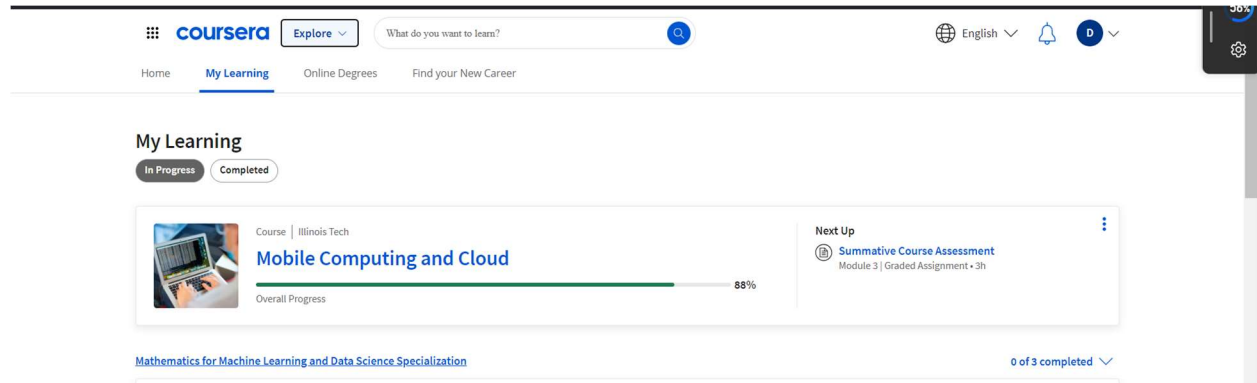
- Hypervisor Reading • 30 min
- Hypervisors Video • 9 min
- Hypervisors Quiz Practice Quiz • 1 question

Lesson 3: Install a Hypervisor **Complete**

- Creating a New Virtual Machine in VirtualBox Reading • 30 min
- VirtualBox

The screenshot shows the Coursera interface for the course 'Mobile Computing and Cloud'. The left sidebar includes the course title, a search bar, and navigation links for Course Material (Module 1, 2, 3), Grades, Notes, Discussion Forums, Messages (2), and Course Info. The main content area displays 'Lesson 3: Install a Hypervisor' as 'Complete'. It lists three items: 'Creating a New Virtual Machine in VirtualBox' (Reading, 30 min), 'VirtualBox' (Video, 11 min), and 'VirtualBox Quiz' (Practice Quiz, 2 questions). Below this is the 'Module 2 Summative Assessment' (1 graded assessment left), which is a 'Module 2 Summative Assessment' due on 'Mar 24, 11:59 PM +0530'. At the bottom, 'Module 2 Summary' is also marked as 'Complete'.

This screenshot shows the 'Summative Course Assessment' section of the 'Mobile Computing and Cloud' course. The left sidebar is identical to the previous screenshot. The main content area shows 'Summative Course Assessment' with '1 graded assessment left'. A message states: 'This module contains the summative course assessment that has been designed to evaluate your understanding of the course material and assess your ability to apply the knowledge you have acquired throughout the course. Be sure to review the course material thoroughly before taking the assessment.' Below this is a link to 'Show Learning Objectives'. The assessment itself is due on 'Mar 31, 11:59 PM +0530' and has a 'Resume' button.



Conclusion:

In this course we got introduced to the world of cloud computing and cloud architecture we got to know how these two technologies work hand in hand, what are various OS for that are used in mobile devices, about security and privacy related concerns related to these technologies