

CIS 178 : INTERNET IN DEPTH

Transcript title

Internet in Depth

Credits

4

Grading mode

Standard letter grades

Total contact hours

50

Lecture hours

30

Other hours

20

Recommended preparation

CIS 120 or CIS 124.

Course Description

Introduces the concepts and technologies of the Internet. Explores a wide variety of Internet protocols and examines the history and infrastructure of the Internet. Learn about web applications, E-commerce, social media, and how to create and publish a Web site with common design tools. Topics include World Wide Web, secure use of the Internet, web browser and e-mail basics, searching the Web, E-learning resources, mass communication and real-time communication on the Internet.

Course learning outcomes

1. Identify key aspects of the history, infrastructure, and technologies of the Internet and the Web and how they relate to and impact current methodologies.
2. Demonstrate the use of web applications for communication and productivity.
3. Produce web pages and web accounts using established tools and techniques.

Content outline

• Internet history • Web browsers • Communication tools • Online education • Working online • Web pages • Safety and security online

Required materials

Students will need regular and reliable Internet access.