

CPCS-474 Syllabus

Catalog Description

CPCS-474 TCP/IP and Web Networking

Credit: 3 (Theory: 3, Lab: 0, Practical: 0)

Prerequisite: CPCS-371

Classification: Elective

The objective of this course is to study the fundamentals of TCP/IP networks, technologies, and the Web. Topics include HTTP protocols, Web protocols, TCP/IP networks, Web services and standards.

Class Schedule

Meet 50 minutes 3 times/week or 80 minutes 2 times/week

Lab/Tutorial 90 minutes 1 times/week

Textbook

Shivendra S. Panwar, , "TCP/IP Essentials", Cambridge University Press;(2004-11-18)

ISBN-13 9780521601245 **ISBN-10** 052160124X

Grade Distribution

Week	Assessment	Grade %
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Topics Coverage Durations

Topics	Weeks
The fundamentals of TCP/IP networks and the Web	3
TCP/IP network technologies	3
HTTP protocols and Web protocols	3
TCP/IP networks and the Web services and standards	3
The official documents that describe the standards and protocols of the Web and TCP/IP networks	2

Last Articulated

Relationship to Student Outcomes

a	b	c	d	e	f	g	h	i	j	k
	x							x	x	

Course Learning Outcomes (CLO)

By completion of the course the students should be able to

1. To be able to define network protocols. ()
2. To be able to define Web protocols. ()
3. To be familiar with TCP/IP in detail. ()
4. To be familiar with the relationship between TCP/IP and the various software applications. ()

Coordinator(s)