

APNM 503 – Network Architecture II

Instructor: Vikas Solomon Abel
Class Schedule: Tuesdays & Thursday 10:00 AM TO 12PM
Location: Room 6
Lab time/location: Tuesday 1:00 PM to 4PM
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Course URL: www.u.tt/ict

Course Description

This course extends the learner's knowledge and practical experience with the design, configuration and maintenance of switches, Local Area Networks (LAN's), Wide Area Networks (WAN's) and Virtual local- area networks (VLAN's).

Prerequisite Network Architecture 1

Assessment

Project	30 %
Quizzes 1 & 2	30%
Final Exam	40 %

Reference Material

Cisco Networking Academy Program: Second – Year Companion Guide (Second Edition) ISBN 1-58713-029-7.

Course Schedule

Week 1	Course Map & Overview of the course	13-Jan-09
	OSI Reference Model and Routing	15-Jan-09
Week 2	LAN Switching	20-Jan-09
	Virtual Local Area Networks (VLAN)	22-Jan-09
Week 3	LAN Design	27-Jan-09
	Routing Protocols	29-Jan-09
Week 4	Access Control Lists (ACL's)	03-Feb-09
	Network Management I	05-Feb-09
Week 5	Wide Area Networks (WAN's)	10-Feb-09
	Revision	12-Feb-09
Week 6	Quiz1	17-Feb-09
	Wan Design	19-Feb-09
Week 7	CARNIVAL TUESDAY	24-Feb-09
	Point to Point Protocol (PPP)	26-Feb-09
Week 8	ISDN	03-Mar-09
	Frame Relay	05-Mar-09
Week 9	Network Management II	10-Mar-09
	Remote Access Technologies	12-Mar-09
Week 10	Virtual Private Networks	17-Mar-09
	Developing Network Security	19-Mar-09
Week 11	Revision	24-Mar-09
	Quiz 2	26-Mar-09
Week 12	Project Presentation and Evaluation	31-Mar-09
	Project Presentation and Evaluation	02-Apr-09