







	on experience.				
<b>Student's obligation</b>	<b>Arrive on time and prepared for all classes</b> , meetings, academic activities, and special events. Give attention to quality and excellence in completing assignments.				
<b>Required Learning Materials</b>					
<b>Evaluation</b>	<b>Task</b>	<b>Weight (Marks)</b>	<b>Due Week</b>	<b>Relevant Learning Outcome</b>	
	Paper Review				
	Assignments	Homework	5		
		Class Activity	2		
		Report	10		
		Seminar			
		Essay			
		Project			
	Quiz		8		
	Lab.		10		
	Midterm Exam		25		
	Final Exam		40		
	Total		100		
<b>Specific learning outcome:</b>	The specific learning outcomes of this course are that students will be able to understand and explain the fundamental concepts of networking, including the function and configuration of devices such as switches and routers. They will demonstrate the ability to configure basic network devices, manage IP addressing for both IPv4 and IPv6, and explain the operation of key networking protocols within the OSI and TCP/IP models. Students will gain in-depth knowledge of Ethernet technology, including the physical and data link layers, and will be proficient in configuring routers for inter-network communication. They will also be able to use ICMP tools to diagnose network issues and understand the roles of the transport and application layers in supporting				





**Q2) Multiple choices:**

- 1- When a server wants to respond to a client, it sends messages to the outgoing queue, using the source port number specified in the  
A) Port B) Request C) Data Frame D) Packets
- 2- UDP is used for management processes such as  
A) SMTP B) TCP/IP C) SNMP D) TCP
- 3- The Network layer is responsible for  
A) Node-to-Node delivery  
B) Host-to-host delivery  
C) Process to Process delivery  
D) Source to Host Delivery

Solution: B, C and B

**Extra notes:**