



COMSATS University Islamabad, Lahore Campus
Department of Electrical and Computer Engineering

Assignment No 3-Spring 2025

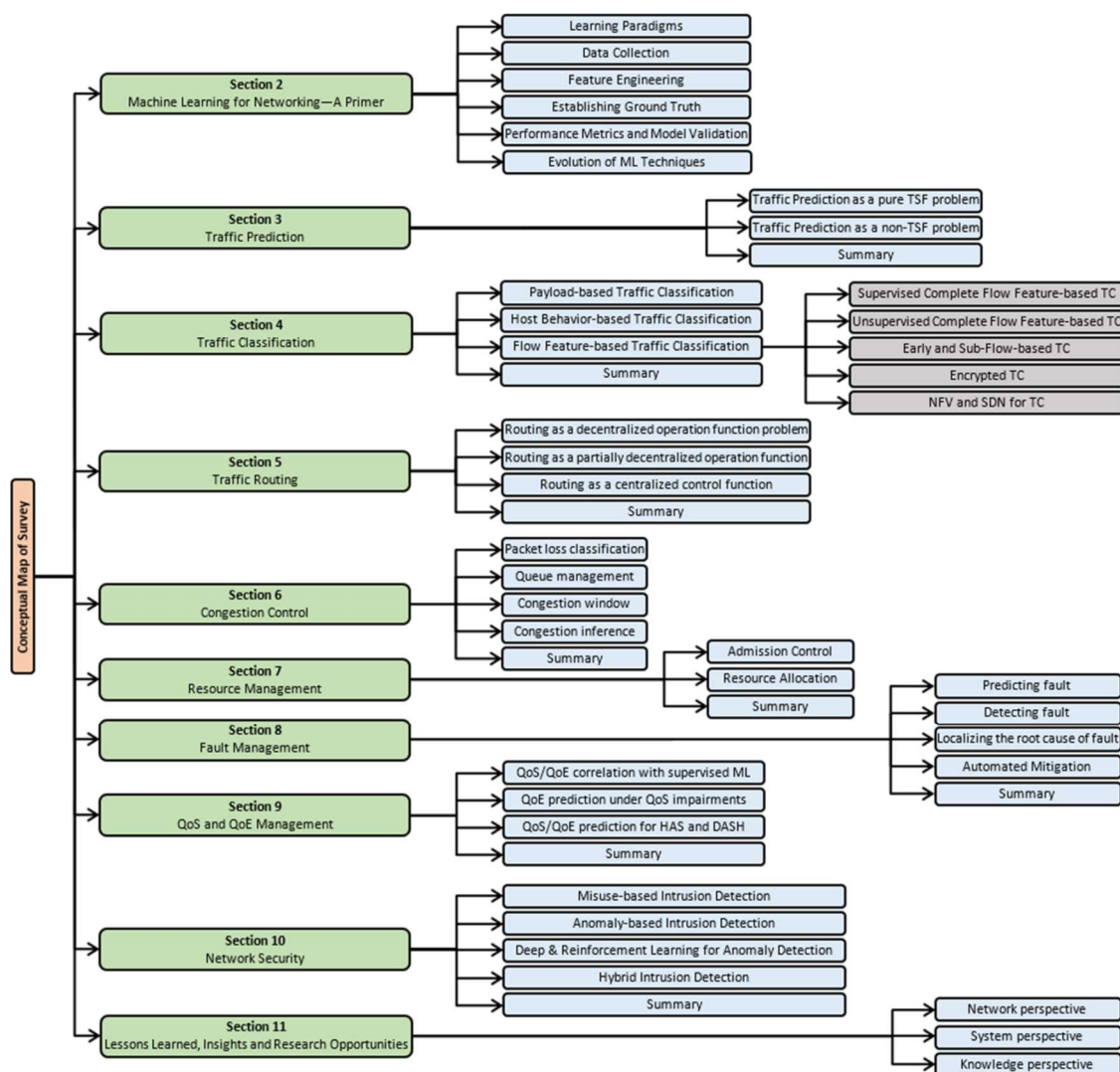
Course Title:	Data Comm & Computer Networks	Course Code:	CPE314	Credit Hours:	4(3,1)
Course	Eng. Ahmad Mudassir	Program Name:	BCE		
Semester:	6 th	Batch:	FALL 22	Section:	A,B
		Date:	5/6/2025		
Deadline	12 th June 25 , 4 PM			Maximum Marks:	20
Student's name:		Reg. No.	CUI/		/LHR
Important Instructions / Guidelines: <ul style="list-style-type: none">Any copied answer script will be marked with zero grade.No Submissions after the Deadline strictly.					

Statement:

(CLO2-PLO4-C4)

You are required to choose appropriate area of computer networks from the following diagram [1]. Select an appropriate research paper from the approved pool of papers with well defined datasets. Apply the appropriate Machine Learning/Deep Learning technique to train the model for your selected problem. Predict the target attribute and analyse the accuracy and loss functions.

Deliverables: 1) Report (4 pages) 2) Machine Learning/Deep Learning Code 3) Analysis charts/graphs (Report)



Reference:

- 1. Raouf Boutaba, M. A. Salahuddin, N. Limam, S. Ayoubi, N. Shahriar, F. Estrada-Solano, and O. M. Caicedo, “A comprehensive survey on machine learning for networking: Evolution, applications and research opportunities,” *IEEE Communications Surveys & Tutorials*, vol. 21, no. 1, pp. 70–122, Firstquarter 2019, doi: 10.1109/COMST.2018.2880031.**