Final exam outcomes :

Materila to study	Excersise to solve	Topic(s)	Chapter in Text
Slides	HW 1	Problem Solving 1: uninformed search strategies	Chapter 3 Reference 1
Slides	Exams sample	Problem Solving 2: Informed (Heuristic) search.	Chapter 4 Reference 1
Slides + ch7 in the text book		Genatic algorithm	
Ch2 and ch 4 of the text book (Slides)	Experts systems worksheet Exam sample	Introduction to knowledge based intelligent systems. Rule-based expert systems Fuzzy rule based expert system	Chapters 2 Chapter 4
Slides + Ch7 in the text book		Machine learning	Ch.1 Ch2 Ch3 Reference 4
ANN1	ANN work sheet Final Quiz	Artificial neural networks	Ch6 until 6.5
		Assignment 3	
CNN1,	Slides + quiz	Deep learning CNN	Ch5 ref2

1. **Search algorithms types and problems**
2. **Genatic algorithm and programmimg**
3. **ML and CNN**
4. **Experts system and fuzzy expert system**