Mindluster Platform

About the course Artificial Intelligence Fall 2020

Artificial Intelligence (AI) is a branch of computer science that aims to create intelligent machines that can perform tasks that typically require human intelligence

Technology Category's Courses

Course Lesson(41)

Lesson 1 : **CMPS 403 | Artificial Intelligence | F20 | Session 0 | Welcome to AI**

Lesson 2 : **CMPS 403 | Artificial Intelligence | F20 | Session 1 | Introduction to AI**

Lesson 3 : **CMPS 403 | Artificial Intelligence | F20 | Session 2 I | Search Search Problems**

Lesson 4 : **CMPS 403 | Artificial Intelligence | F20 | Session 2 II | Search Search Trees**

Lesson 5 : **CMPS 403 | Artificial Intelligence | F20 | Session 2 III | Search Uninformed Search I**

Lesson 6 : **CMPS 403 | Artificial Intelligence | F20 | Session 2 IV | Search UCS Informed Search I**

Lesson 7 : **CMPS 403 | Artificial Intelligence | F20 | Session 2 V | Search Greedy A**

Lesson 8 : **CMPS 403 | Artificial Intelligence | F20 | Session 2 VI | Search A Heuristics**

Lesson 9 : **CMPS 403 | Artificial Intelligence | F20 | Session 2 VII | Search Heuristics Graph Search**

Lesson 10 : **CMPS 403 | Artificial Intelligence | F20 | Session 3 I | CSP What is CSP**

Lesson 11 : **CMPS 403 | Artificial Intelligence | F20 | Session 3 II | CSP Backtracking Search**

Lesson 12 : **CMPS 403 | Artificial Intelligence | F20 | Session 3 III | CSP Filtering Ordering**

Lesson 13 : **CMPS 403 | Artificial Intelligence | F20 | Session 3 IV | CSP Structure**

Lesson 14 : **CMPS 403 | Artificial Intelligence | F20 | Session 3 V | CSP Iterative Improvement**

Lesson 15 :
CMPS 403 | Artificial Intelligence | F20 | Session 4 I | Local Search Hill Climb Sim Anneal

Lesson 16 :
CMPS 403 | Artificial Intelligence | F20 | Session 4 II | Local Search Beam Search Genet Algs

Lesson 17 :
CMPS 403 | Artificial Intelligence | F20 | Session 5 I | Adversarial Search Minimax Search

Lesson 18 :
CMPS 403 | Artificial Intelligence | F20 | Session 5 II | Adversarial Search Alpha Beta Pruning

Lesson 19 :
CMPS 403 | Artificial Intelligence | F20 | Session 5 III | Adversarial Search Depth limited

Lesson 20 : **CMPS 403 | Artificial Intelligence | F20 | Session 5 IV | Adversarial Search Expectimax**

Lesson 21 : **CMPS 403 | Artificial Intelligence | F20 | Session 5 V | Adversarial Search Expectimax**

Lesson 22 :
CMPS 403 | Artificial Intelligence | F20 | Session 6 I | Logical Agents Knowledge based Agents

Lesson 23 : **CMPS 403 | Artificial Intelligence | F20 | Session 6 II | Logical Agents Logic Prop Logic**

Lesson 24 : **CMPS 403 | Artificial Intelligence | F20 | Session 6 III | Logical Agents Resolution**

Lesson 25 : **CMPS 403 | Artificial Intelligence | F20 | Session 6 IV | Logical Agents Resolution II**

Lesson 26 :
CMPS 403 | Artificial Intelligence | F20 | Session 6 V | Logical Agents Forw Backw Chaining

Lesson 27 : **CMPS 403 | Artificial Intelligence | F20 | Session 7 I | First Order Logic What is FOL**

Lesson 28 : **CMPS 403 | Artificial Intelligence | F20 | Session 7 II | First Order Logic Using FOL**

Lesson 29 :
CMPS 403 | Artificial Intelligence | F20 | Session 7 III | First Order Logic Inference in FOL

Lesson 30 :
CMPS 403 | Artificial Intelligence | F20 | Session 8 I | Probabilistic Reasoning Probability I

Lesson 31 :
CMPS 403 | Artificial Intelligence | F20 | Session 8 II | Probabilistic Reasoning Probability II

Lesson 32 : **CMPS 403 | Artificial Intelligence | F20 | Session 8 III | Probabilistic Reasoning Prob III**

Lesson 33 :
CMPS 403 | Artificial Intelligence | F20 | Session 8 IV | Prob Reas Conditional Independence

Lesson 34 :
CMPS 403 | Artificial Intelligence | F20 | Session 8 V | Probabilistic Reasoning Bayes Nets I

Lesson 35 : **CMPS 403 | Artificial Intelligence | F20 | Session 8 VI | Prob Reasoning Bayes Nets II**

Lesson 36 :
CMPS 403 | Artificial Intelligence | F20 | Session 8 VII | Prob Reasoning Variable Elimination

Lesson 37 : **CMPS 403 | Artificial Intelligence | F20 | Session 8 VIII | Prob Reasoning Sampling I**

Lesson 38 : **CMPS 403 | Artificial Intelligence | F20 | Session 8 IX | Prob Reasoning Sampling II**

Lesson 39 : **CMPS 403 | Artificial Intelligence | F20 | Session 8 X | Prob Reasoning Review**

Lesson 40 : **Machine Learning 101 Workshop 1 2**

Lesson 41 : **Machine Learning 101 Workshop 2 2**

Related courses

Minitab Tutorial For Beginners

Wireshark L essentiel

F5 BIG IP LTM

Cisco MPLS L essentiel

Certified Ethical Hacker

Formation Ethical Hacker

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