



מומחה IT ענן ו AI 2026

על הקורס

The IT Specialist Cloud and AI course is a comprehensive program designed for individuals who are looking to start or advance their careers in the field of information technology. This course provides an understanding of various aspects of IT and AI - Artificial Intelligence

With a combination of theory and hands-on practice, this course will equip participants with the skills and knowledge needed to succeed in today's fast-paced technology industry. Whether you are a student, recent graduate, or professional looking to transition into the IT field, this course is designed to help you achieve your goals and reach your full potential.

קהל יעד

The audience for this IT Specialist course is individuals who are looking to start or advance their careers in the field of information technology. This could include students, recent graduates, or professionals in non-IT roles who want to transition into the field. The course is designed for those who want to gain a comprehensive understanding of various aspects of IT, including networking, operating systems, cloud computing, cybersecurity.

דרישות קדם

- ראיון מקדים
- עבודה עם מערכות הפעלה ושרתים
- רצון ללמוד את התחום ולהתקדם

Introduction to Information Technology

- Overview of IT
- History of computing
- Types of computers and devices
- Basic computer hardware components
- Basic computer software components

Networking Fundamentals and OS

- Types of networks
- Network topologies
- IP addressing and subnetting
- Network protocols (TCP/IP, DNS, DHCP, etc.)
- Network security (firewalls, encryption, etc.)
- Types of operating systems (Windows, Linux, etc.)
- Installation and maintenance of operating systems
- File systems and file management
- User account management

Artificial Intelligence

- Foundations of Artificial Intelligence
- Machine Learning Basics
- Neural Networks and Deep Learning
- AI in Natural Language Processing
- Ethics and Future of Artificial Intelligence

Cloud Computing

- Overview of cloud computing
- Types of cloud services (IaaS, PaaS, SaaS)
- Cloud deployment models (Public, Private, Hybrid)
- Ai – Artificial Intelligence and Cloud
- Azure Web
- Aws Cloud
- Office 365

Cybersecurity

- Types of cyber threats (viruses, malware, phishing, etc.)
- Network security best practices
- Security measures (anti-virus, firewalls, encryption, etc.)
- Ethical hacking and penetration testing