

MACHAKOS UNIVERSITY & HUAWEI



presents
(Huawei Certified ICT Associate (HCIA))



Artificial Intelligence Training

Through the training in HCIA-Artificial Intelligence, one will systematically understand and grasp Python programming, essential mathematics knowledge in AI, basic programming methods using Tensor Flow (a machine learning and Deep Learning platform framework), pre-knowledge and overview of Deep Learning, overview of Huawei cloud EI.



Target Trainees

Those who hope to become AI engineers
Those who hope to acquire HCIA-AI certificate
Those who hope to know how to use, manage, and maintain Huawei AI products and AI cloud services

Can get the HCIA certificate when passing the corresponding exam above.



Curriculum

HCIA-ARTIFICIAL INTELLIGENCE

Overview of AI

- 1.1 The past of AI
- 1.2 What is AI
- 1.3 AI industry and AI society

2. Python Programming Basics

- 2.1 Introduction to Python
- 2.2 Data Container
- 2.3 Python Grammar
- 2.4 Operations

3. Math Basics

- 3.1 Linear Algebra
- 3.2 Probability Theory and Information Theory
- 3.3 Numeric Calculation

4. Tensor flow

- 4.1 Tensor flow Basics
- 4.2 Tensor flow Using

5. Propaedeutic and Overview of Deep Learning

- 5.1 Learning algorithms
- 5.2 Common Machine Learning Algorithms
- 5.3 Parameter Estimation
- 5.4 Deep Learning Basics
- 5.5 Neural Networks
- 5.6 Applications of Deep Learning

6. HUAWEI Cloud EI Overview

- 6.1 HUAWEI Cloud EI Overview



Prerequisites

- Have a basic understanding of Python Programming Language
- Have a good command of network technology basics.
- Be familiar with basic operations on Linux operating systems.
- Have a good command of Higher Mathematics basics.



Duration

- 5 Weeks

Training Dates

- 1st February – 5th March 2020

Weekdays & Saturday Weekend Class

9 AM – 5 PM



Cost

- KES 10,000 for Machakos University Students and staff
- 20,000 for Non-Machakos University Students and Staff
- Payment can be made to any of the branch of the following accounts and indicate that it is for HAINA:
 - Kenya Commercial Bank: Account No. **1137145064**(Machakos Branch)
 - National Bank of Kenya: Account No. **01020078499400**(Machakos Branch)



How to apply

Apply online at :

<https://bit.ly/2WGuFVY>



Exam

- **Prerequisite**
No
- **Exam Subject**
 - **Code:** H12-211
 - **Description:** HCIA-HNTD
 - **Fee:** \$200 (free for now)
 - **Duration:** 90 Minutes
 - **Language:** English

For More Information

Mobile Number: +254 725644729 Or

Email: -cit@mksu.ac.ke

Certify Today. Master Tomorrow.