

Orientation Lecture

Dr. Hamada I. AbdulWakel

Lecture 0





مجموعة جامعة
الجميع الذكية
للتعليم القابضة

MIDOCEAN
UNIVERSITY
BY EVERYONE'S SMART UNIVERSITY

Introduction to Programming

Prepared by
Dr. Hamada I. AbdulWakel

www.midocean.ae



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طبيعي

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WHO AM I?

Name

- Hamada Ibrahim AbdulWakel

B.Sc. degree

- Faculty of Computers and Information, Minia University, Minia, Egypt.

M.Sc. degree

- In Computer Science from Faculty of Computers and Artificial Intelligence, Cairo University.
- Semantic web & Social networking.

WHO AM I?

Cont'd

Ph.D. degrees

- In Computer Science from Faculty of Computers and Artificial Intelligence, Cairo University.
- Internet of Things.

Jobs

- Lecturer at Faculty of Computers & Information, Minia University, Minia, Egypt.
- Lecturer at Midocean university.

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YOUR TURN



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COURSE DETAILS

Course name

- Programming Foundations In Python – CYB550.
- Introduction to Programming – IT121.

University

- Midocean University.

Departments

- Cybersecurity.
- Information Technology.

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COURSE CONTACT

- Via the sis platform.



The screenshot shows the login interface of Midocean University. On the left, the university's logo is displayed above the text 'أهلاً في خدمات ميداوشن' (Welcome to Midocean Services). On the right, the title 'تسجيل الدخول' (Login) is at the top. Below it are two input fields: the first is labeled 'البريد الإلكتروني' (Email) and the second is for a password, indicated by dots. A checkbox labeled 'الذكرني' (Remember me) is positioned below the password field. A black button with the text 'تسجيل الدخول' (Login) is located below the checkbox. At the bottom right, there is a link that says 'نسيت كلمة المرور' (Forgot password).

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COURSE MATERIALS

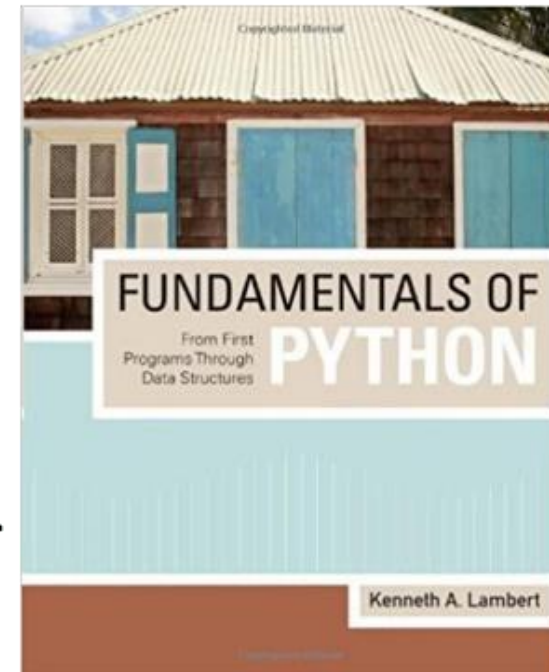
- The main materials:



"Fundamentals of Python From First Programs Through Data Structures", by Kenneth A. Lambert



Recorded lectures available on course Moodle page.



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LEARNING OBJECTIVES

- What you'll learn?
 -  New programming language "Python".
 -  Problem-solving techniques.
 -  Application development and prototyping.
 -  Best practice in software development.

COURSE TOPICS

- The course content:



Introduction to computer programming and "Python" language.



Data types and the basics input/output operations.



The conditional and looping instructions.



Data processing using Lists and Dictionaries.

COURSE TOPICS

Cont'd

- The course content:



Functions and modules in "Python" language.



File in "Python" language.



The Object-Oriented Programming (OOP).



The graphical user interface (GUI).

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COURSE ASSESSMENT

الأعمال	توزيع الدرجات - 100%
محاضرة مسجلة أسبوعيًا- السبت من كل أسبوع	حضور المحاضرة - حل الأسئلة المصاحبة
اختبار قصير مصاحب للمحاضرة بشكل أسبوعي	8 درجات لكل اختبار قصير - بمجموع 80 %
حلقة نقاش افتراضية أسبوعية لمناقشة محتوى المحاضرة المسجلة	الحضور اختياري
الاختبار النهائي	20%

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COURSE ACADEMIC CALENDAR

الأسبوع 1	محاضرة توجيحية - اختبار قصير	حلقة نقاش
الأسبوع 2	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 3	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 4	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 5	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 6	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 7	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 8	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 9	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 10	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 11	محاضرة - اختبار قصير	حلقة نقاش
الأسبوع 12	حلقة نقاش	
الأسبوع 13	بداية الاختبارات النهائية	
نهاية الدراسة	نهاية الاختبارات النهائية	

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COURSE EXAMS

- Exam rules:



All exam password is **agree**.



Each exam includes **eight** questions.



You have **only one-try** for each exam.



Each exam duration is **24 minutes**.



COURSE EXAMS

Cont'd

- Exam rules:



You **must sure** of your question answer before going to the next question.



Each exam begins on **Saturday 10:00 PM** to **next Saturday 9:00PM**.



Each exam has different **question types**.



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EXAM QUESTION TYPES

Question 1

Not yet answered

Marked out of 1.00

Does this course contain practical work?

- ☐ True
- ☐ False

Question 1

Not yet answered

Marked out of 1.00

What is the name of the course?

- ☐ a. Programming Foundations In Python
- ☐ b. Programming Foundations In C#
- ☐ c. Programming Foundations In C++
- ☐ d. Programming Foundations In Java

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EXAM QUESTION TYPES

Cont'd

Question 1

Not yet answered

Marked out of 1.00

2023 2022 2021 2024

The course semester is

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EXAM QUESTION TYPES

Cont'd

Question 1

Not yet answered

Marked out of 1.00

This course will be taught for students.

PhD

Master

PostPhD

Bachelor

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EXAM QUESTION TYPES

Cont'd

Question 1

Not yet answered

Marked out of 1.00

The name of the university teaching the course is

- Electronic university
- ESU university
- Online university
- Midocean university

EXAM QUESTION TYPES

Cont'd

Question 1

Not yet answered

Marked out of 1.00

Match the following with the correct one.

Midocean

Choose...



Cybersecurity

Choose...



Year

Choose...



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EXAM QUESTION TYPES

Cont'd

Question 1

Not yet answered

Marked out of 1.00



☐ True

☐ False



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Thank You

