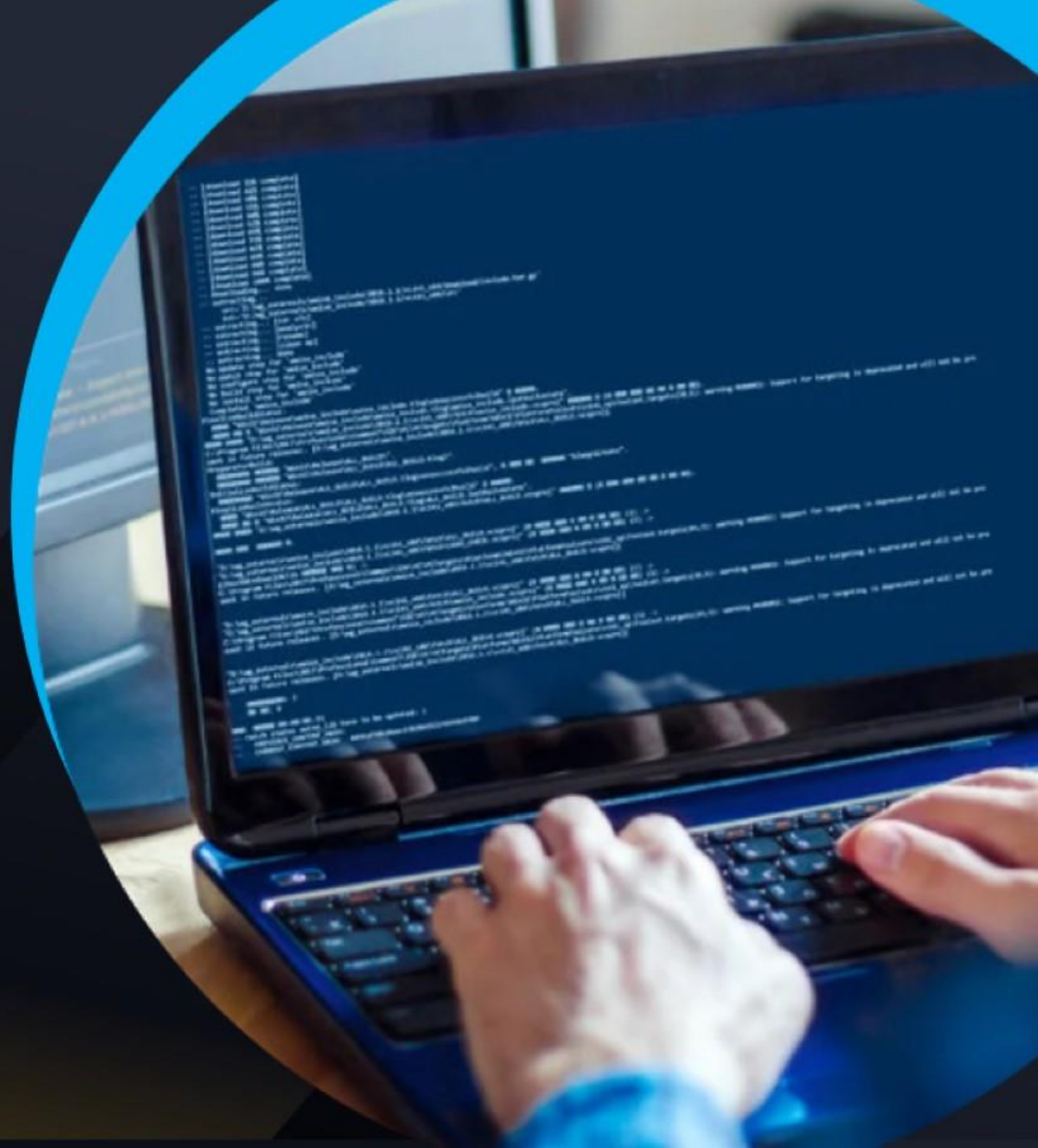


Orientation Lecture

Dr. Hamada I. AbdulWakel

Lecture 0



Introduction to Programming

Prepared by
Dr. Hamada I. AbdulWakel

www.midocean.edu.km

خطیبی

Lecture

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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?

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.

Lecture

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YOUR TURN



COURSE DETAILS

Course name

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

University

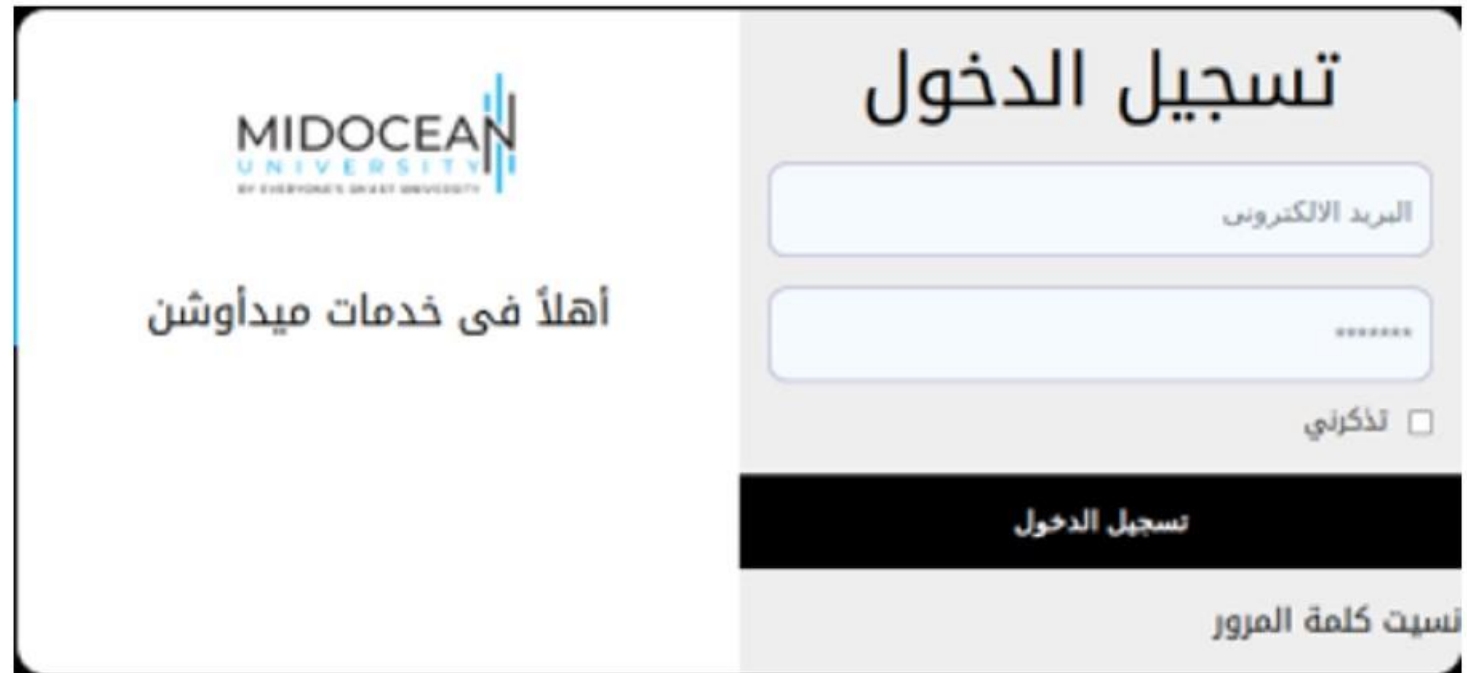
- Midocean University.

Departments

- Cybersecurity.
- Information Technology.

COURSE CONTACT

- Via the sis platform.



MIDOCEAN
UNIVERSITY
BY EVERYONE'S GREAT UNIVERSITY

أهلاً في خدمات ميدأوشن

تسجيل الدخول

البريد الإلكتروني

تذكرني ☐

نسيت كلمة المرور

Lecture

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COURSE MATERIALS

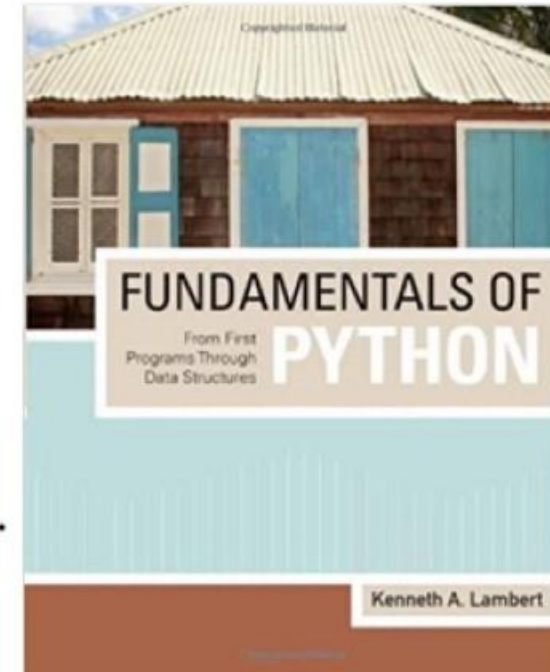
- The main materials:



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



Recorded lectures available on course Moodle page.



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

- The course content:



Functions and modules in "Python" language.



File in "Python" language.



The Object-Oriented Programming (OOP).



The graphical user interface (GUI).

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%

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	

COURSE EXAMS

• Exam rules:



All exam password is **agree**.



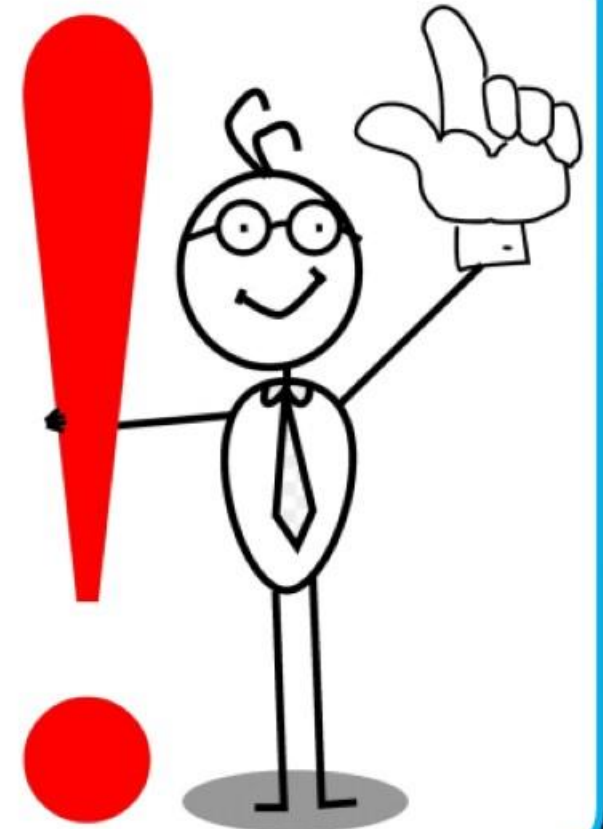
Each exam includes **eight** questions.



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



Each exam duration is **24 minutes**.



COURSE EXAMS

- Exam rules:



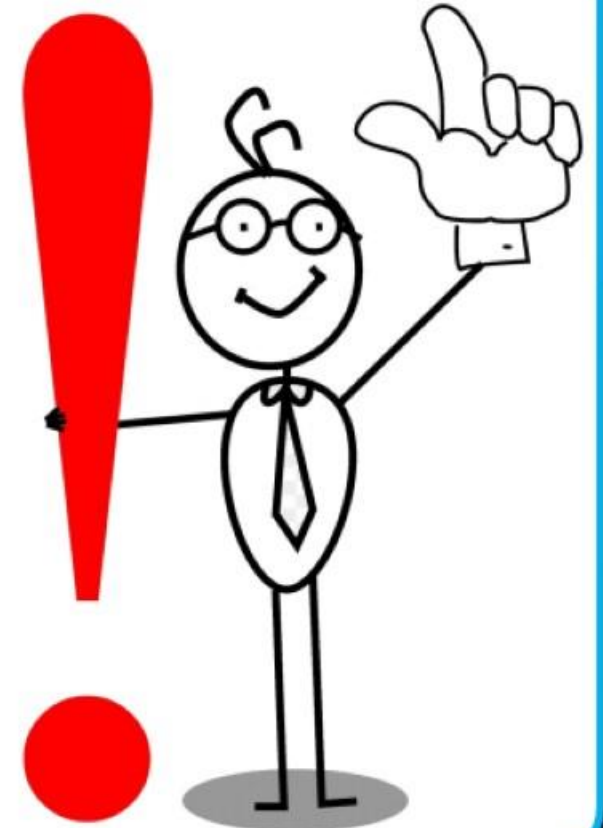
You **must sure** of your question answer before going to the next question.



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



Each exam has different **question types**.



Lecture

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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

EXAM QUESTION TYPES

Cont'd

Question 1

Not yet answered

Marked out of 1.00

2023 2022 2021 2024

The course semester is

EXAM QUESTION TYPES

Question 1

Not yet answered

Marked out of 1.00

This course will be taught for students.

PhD

Master

PostPhD

Bachelor

EXAM QUESTION TYPES

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...



EXAM QUESTION TYPES

Cont'd

Question 1

Not yet answered

Marked out of 1.00



☐ True

☐ False

بالتوفيق
ان شاء الله





Thank You

