

## The Guidance of Utilizing LMS (Blackboard) and Support Channels.

The National Information Technology Academy offers the learning content through the LMS (Blackboard).

To access the learning platform, through the following link:

[csbd.pmu.edu.sa/NITA.aspx](http://csbd.pmu.edu.sa/NITA.aspx)

1. Each trainee will receive the login details to the Blackboard, through e-mail (to ensure information confidentiality), as shown in the below picture:

Greetings,

We congratulate you on being accepted to the *IT Business Analysis Training Program offered by National IT Academy & MCIT*. The course focuses on applying analytical processes to the planning, design and implementation of IT systems to meet the business requirements of customer organizations. This practical course will provide students with fundamental analysis tools and techniques, including methods to understand the business environment, define a problem using a systematic approach, develop and design systems solutions, test the performance and usability of systems, prepare user training documentations, and influence and inform project stakeholders at all levels.

Please [click here](#) for more details on the course outline and schedule.

***Introduction of Virtual Classes will start on Thursday, December 31, 2020 at 12:00NN***

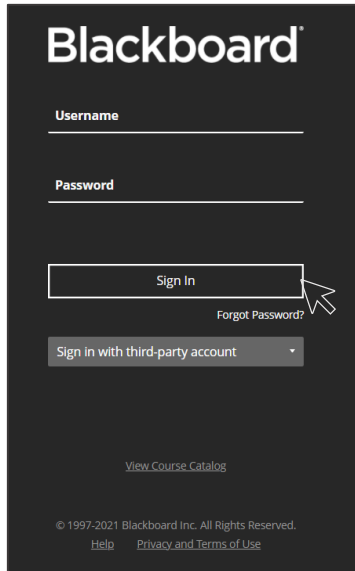
Please note that your class sessions will be held online through Blackboard Collaborate Online Class. Following are your credentials to access Blackboard and Email:

- Blackboard Username:
- Blackboard Initial Password:
- Email Username:
- Email Initial Password:

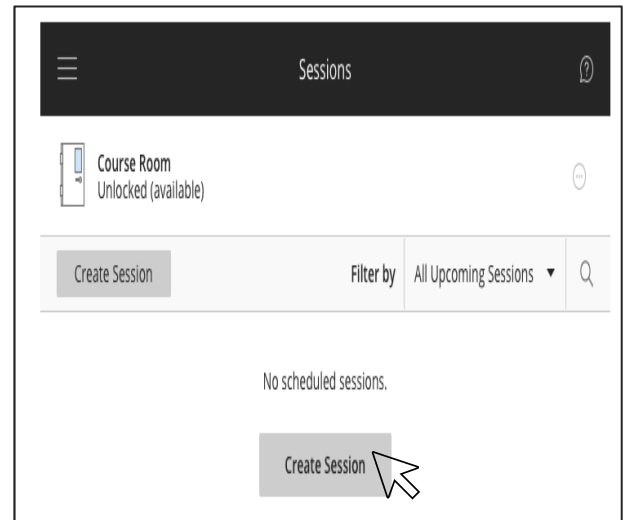
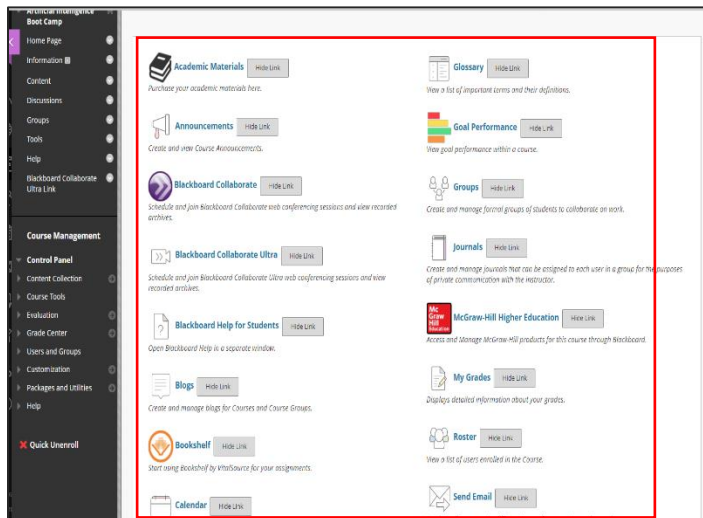
Following are reference links to access Blackboard and your personal email:

- Blackboard Collaborate Online Class Link: <http://csbd.pmu.edu.sa/NITA.aspx>
- Blackboard Tutorial to Student: <https://help.blackboard.com/Learn/Student>
- Email URI: <https://www.office.com/>

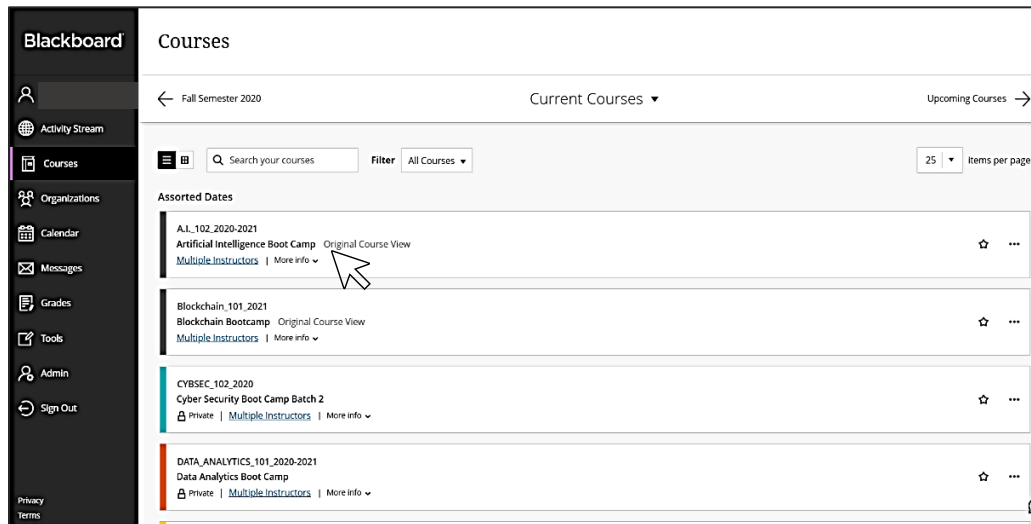
- To access the learning platform, click the “Log In” button, then insert the proffered username and password for each trainee and instructor, as shown in the below pictures:



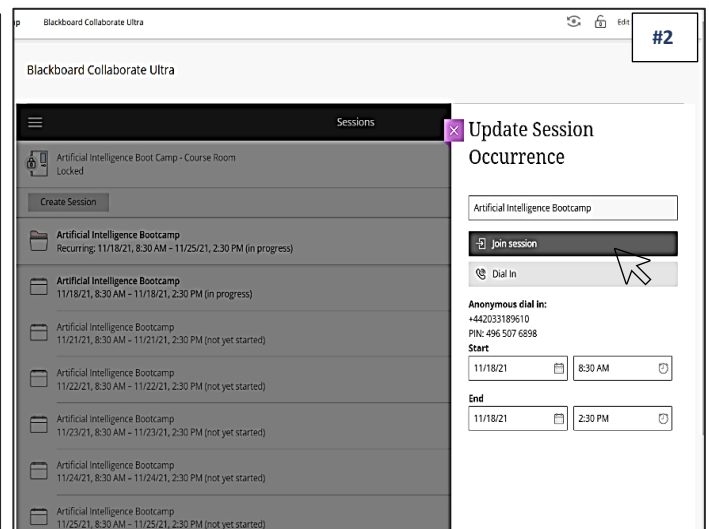
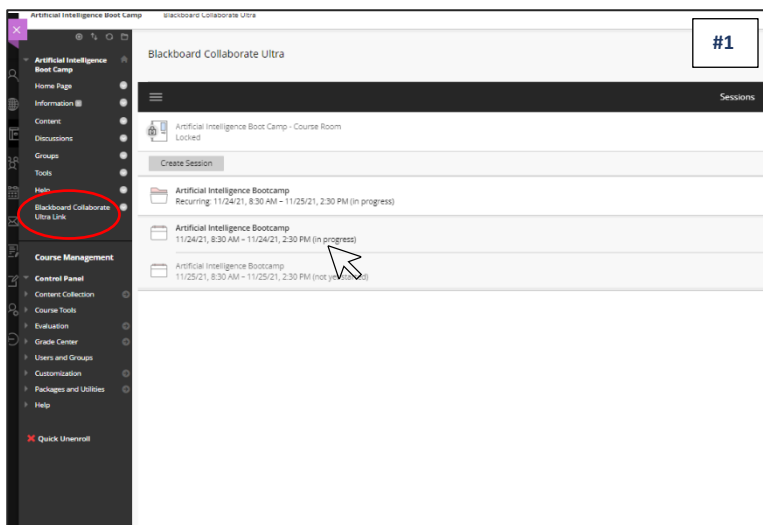
- The instructor conducts virtual classes by clicking on the (Create session) icon, whereas all features are available to manage the learning program, as shown in the below pictures:



4. To attend the virtual class, the trainee shall select the addressed program in the courses' list, as shown in the below picture:



5. To Join the virtual class by the trainee, click on the icon (Join Session), as shown in the below pictures:



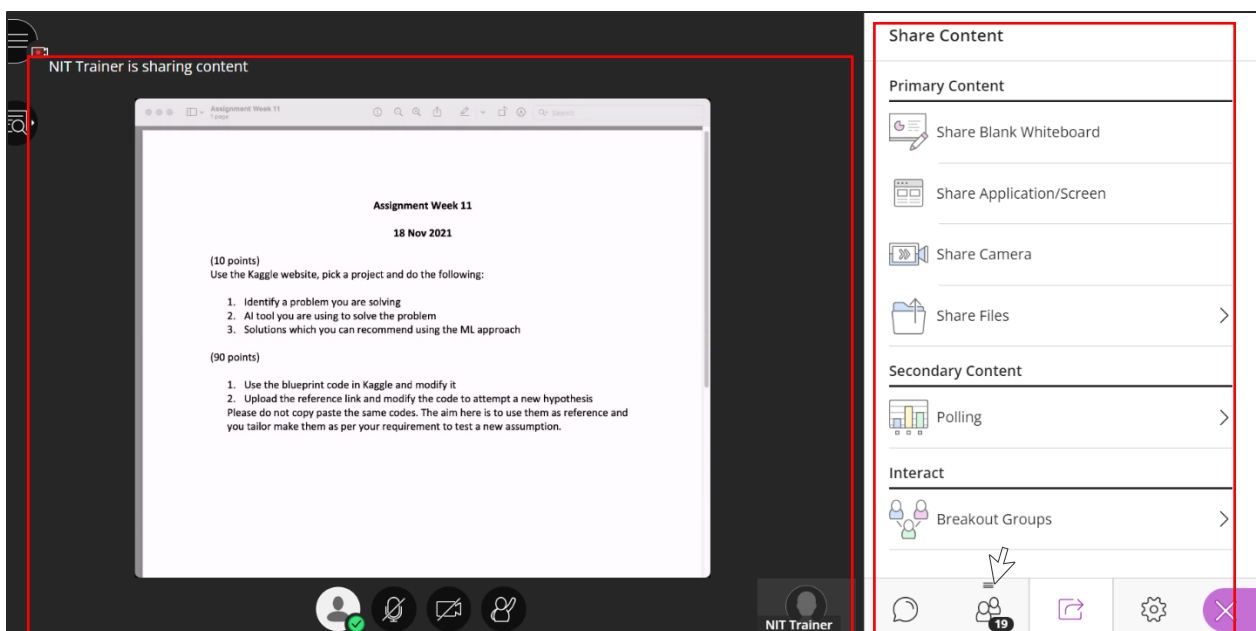
### Synchronous Virtual Class:

The screenshot displays a virtual class interface. On the left, a code editor shows Python code for a GAN discriminator and generator. The code includes methods for forward pass, derivative calculation, and weight/bias updates. The code is as follows:

```
def discriminator_forward(x):  
    return -np.log(y)  
  
def derivatives(self, x, discriminator):  
    discriminator_weights = discriminator.weights  
    discriminator_bias = discriminator.bias  
    x = self.forward(x)  
    y = discriminator.forward(x)  
    factor = -(1-y) * discriminator_weights * x * (1-x)  
    derivatives_weights = factor * x  
    derivatives_bias = factor  
    return derivatives_weights, derivative_bias  
  
def update(self, x, discriminator):  
    error_before = self.error(x, discriminator)  
    dera = self.derivatives(x, discriminator)  
    self.weights -= learning_rate * dera[0]  
    self.bias -= learning_rate * dera[1]  
    error_after = self.error(x, discriminator)
```

On the right side of the interface, there is a list of attendees and moderators. The moderators include KIF Coordinator, NIT Trainer, and NITA Admin4. The participants list includes 17 names, such as Al-Harbi Nouf Salah, Al-Mutairi Manar Hamdan, and Alonazie Raghad Askar Sumihan. The interface also shows a chat window at the bottom and a video feed area.

6. By joining the virtual class (the customized training program). All the following tools will appear for each user based on their accessibility authorization, as shown in the below picture:
- The trainees' (audience) attendance.
  - Chat and Messages Bar.
  - Display the course presentation (the main screen).
  - Microphone and sound settings.
  - The possibility to record the learning session by the instructor.

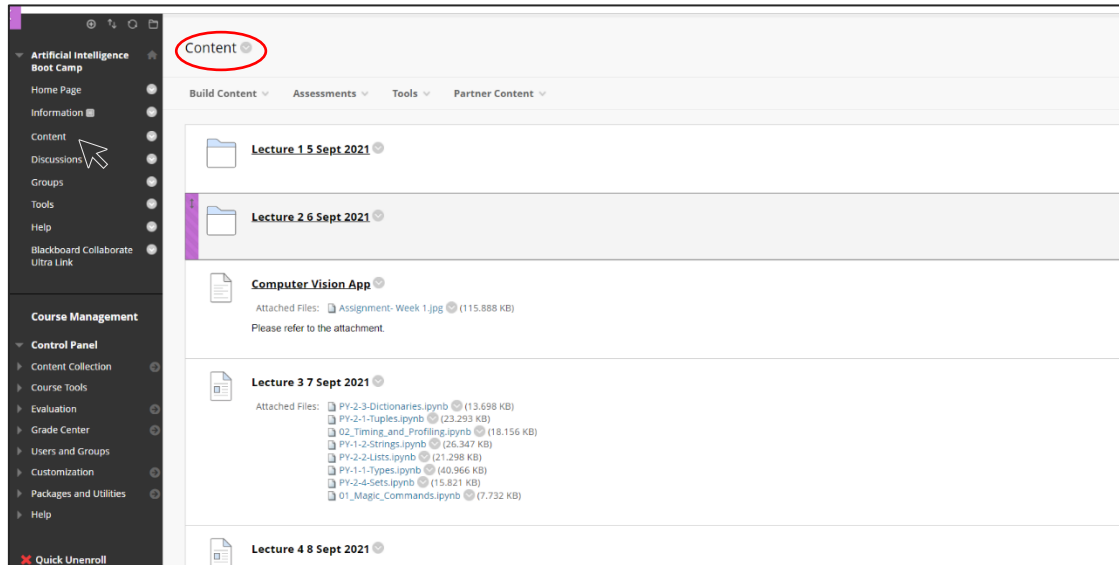


7. From the “Tools” feature, an “Attendance” option presents the trainees’ attendance to be tracked by the instructor, as shown in the below picture:

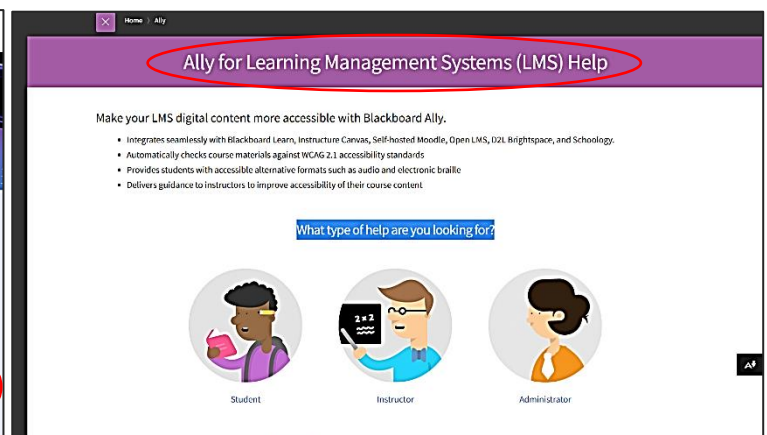
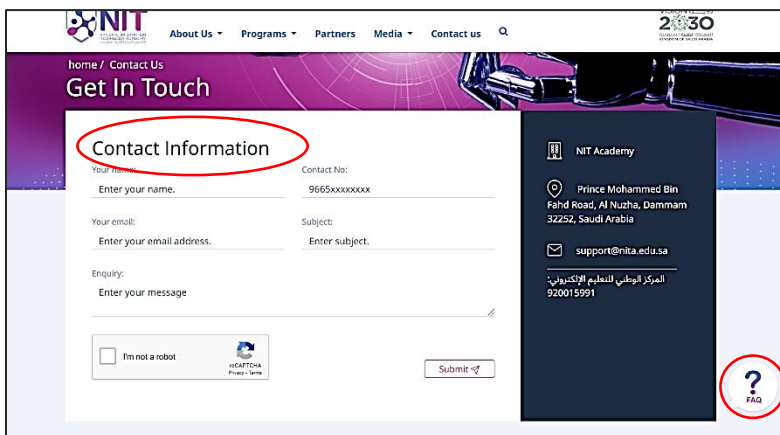
The screenshot shows the Blackboard LMS interface for an "Artificial Intelligence Boot Camp" course. The left sidebar contains a navigation menu with "Tools" highlighted. The main content area shows the "Attendance" tool, which is also highlighted. Below the tool name, there is a table for tracking attendance for "Today". The table has columns for Student, Today, Present, Late, Absent, and Excused. Five students are listed with their attendance status for the day.

Student	Today	Present	Late	Absent	Excused
AlOsimie Abdulmajeed Mujahie z Hamdan	--	✓	⊙	✗	⊙
Al-Aghil Abdulrahman Fawaz	--	✓	⊙	✗	⊙
Al-Hamoud Afifah Ali	--	✓	⊙	✗	⊙
Hind Albalawi	--	✓	⊙	✗	⊙
Munirah ahmed Al daasari	--	✓	⊙	✗	⊙
Deema Alfehaid	--	✓	⊙	✗	⊙

8. To access the learning materials on the Blackboard, select the (Content) icon, as shown in the below picture:



9. To get further support and assistance, through the following support channels on Blackboard and NITA's website, as shown in the below pictures:



### Blackboard User's Guidance Video:

- For Instructor: [Introduction to Blackboard Learn with the Ultra Experience for Instructors.](#)
- For Trainee: [Introduction to Blackboard Learn with the Ultra Experience for Students.](#)

## الدليل الإرشادي للدخول إلى منصة التعلم و قنوات الدعم للمستفيدين خلال فترة التدريب الإلكتروني.

تُقدم الأكاديمية الوطنية لتقنية المعلومات المحتوى التعليمي الإلكتروني الخاص بها من خلال نظام إدارة التعلم البلاك بورد:

للدخول إلى منصة التعلم ، من خلال الرابط التالي: [csbd.pmu.edu.sa/NITA.aspx](http://csbd.pmu.edu.sa/NITA.aspx)

1. يتم إرسال معلومات الدخول لمنصة التعلم ، لجميع المتدربين عن طريق البريد الإلكتروني (لضمان سرية المعلومات) ، كما يتضح بالصورة أدناه:

Greetings,

We congratulate you on being accepted to the **IT Business Analysis Training Program offered by National IT Academy & MCIT**. The course focuses on applying analytical processes to the planning, design and implementation of IT systems to meet the business requirements of customer organizations. This practical course will provide students with fundamental analysis tools and techniques, including methods to understand the business environment, define a problem using a systematic approach, develop and design systems solutions, test the performance and usability of systems, prepare user training documentations, and influence and inform project stakeholders at all levels.

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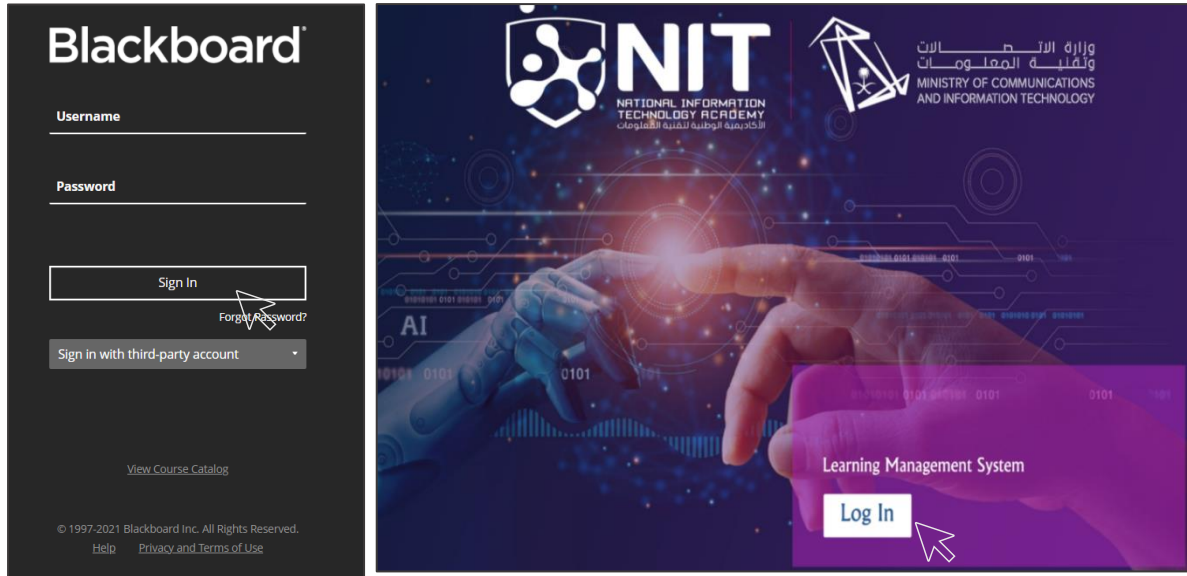
- Blackboard Username:
- Blackboard Initial Password:
  
- Email Username:
- Email Initial Password:

Following are reference links to access Blackboard and your personal email:

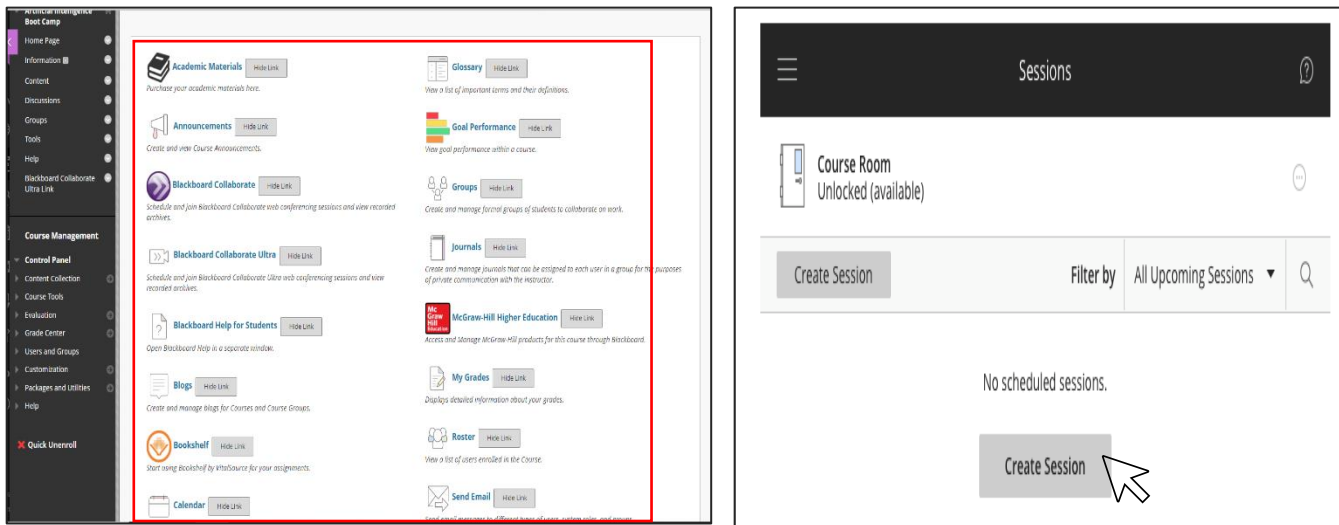
- Blackboard Collaborate Online Class Link: <http://csbd.pmu.edu.sa/NITA.aspx>
- Blackboard Tutorial to Student: <https://help.blackboard.com/Learn/Student>
- Email URL: <https://www.office.com/>



2. للدخول إلى منصة التعلم يجب الضغط على أيقونة ( Log In ) و إدخال اسم المستخدم و كلمة المرور الخاصة لكل مدرس و متدرب ، كما يتضح بالصور أدناه:



3. يتم إدارة الفصل الافتراضي من قبل المدرس بالضغط على أيقونة ( Create Session ) و استخدام الخصائص المتاحة ، كما يتضح بالصور أدناه:



4. لحضور الفصل الافتراضي يجب على المتدربين إختيار و الضغط علي اسم البرنامج المُخصص و الظاهر بالقائمة ، كما يتضح بالصورة أدناه:

The screenshot shows the Blackboard 'Courses' page. The left sidebar contains navigation options like 'Activity Stream', 'Courses', 'Organizations', 'Calendar', 'Messages', 'Grades', 'Tools', 'Admin', and 'Sign Out'. The main content area shows a list of courses under 'Assorted Dates'. The first course is 'Artificial Intelligence Boot Camp' with a mouse cursor pointing to the 'Original Course View' link. Other courses include 'Blockchain\_101\_2021', 'CYBSEC\_102\_2020', and 'DATA\_ANALYTICS\_101\_2020-2021'.

5. للدخول إلى الفصل الافتراضي من قبل المتدربين يجب الضغط على أيقونة ( Join session ) لاستعراض البرنامج التدريبي، كما يتضح بالصورة أدناه:

The first screenshot (#1) shows the Blackboard Collaborate Ultra interface with the 'Blackboard Collaborate Ultra Link' circled in the sidebar. The second screenshot (#2) shows the 'Update Session Occurrence' dialog with the 'Join Session' button highlighted. The dialog also displays 'Anonymous dial in' information including a phone number, PIN, and start/end times.

## الفصل الافتراضي التزامني

The screenshot displays a virtual training session interface. On the left, a code editor titled 'CANNs-gymb' shows Python code for a neural network discriminator and update function. The code includes methods for forward pass, derivative calculation, and weight/bias updates. Below the code editor, a terminal window shows a successful execution of a random seed generation command. On the right side of the interface, a sidebar displays session statistics: 20 Attendees, 3 Moderators (KIF Coordinator, NIT Trainer, NITA Admin4), and 17 Participants. The participant list includes names such as Al-Harbi Nouf Salah, Al-Mutairi Manar Hamdan, and Alonazie Raghad Askar Sumihan.

```
def discriminator_forward(x):  
    y = discriminator_forward(x)  
    return -np.log(y)  
  
def derivatives(self, x, discriminator):  
    discriminator_weights = discriminator.weights  
    discriminator_bias = discriminator.bias  
    x = self.forward(x)  
    y = discriminator_forward(x)  
    factor = -(1-y) * discriminator_weights * x * (1-x)  
    derivative_weights = factor * x  
    derivative_bias = factor  
    return derivative_weights, derivative_bias  
  
def update(self, x, discriminator):  
    error_before = self.error(x, discriminator)  
    dera = self.derivatives(x, discriminator)  
    self.weights += learning_rate * dera[0]  
    self.bias += learning_rate * dera[1]  
    error_after = self.error(x, discriminator)
```

6. عند الدخول للفصل الافتراضي (البرنامج التدريبي المُخصص) يتم ظهور جميع الأدوات التالية بناء على صلاحية المستخدم ، كما يتضح بالصور أدناه:

- كشف عن حضور المتدربين.
- ظهور مكان الرسائل والحادثات.
- إمكانية عرض المحتوى (الشاشة الأساسية).
- إمكانية التحكم في الميكروفون و الصوت.
- إمكانية تسجيل جميع الدورات من قبل المدرب.

The screenshot displays a virtual classroom interface. On the left, a document titled "Assignment Week 11" is shared, dated "18 Nov 2021". The document contains two sections of tasks:

(10 points)  
Use the Kaggle website, pick a project and do the following:

1. Identify a problem you are solving
2. AI tool you are using to solve the problem
3. Solutions which you can recommend using the ML approach

(90 points)

1. Use the blueprint code in Kaggle and modify it
2. Upload the reference link and modify the code to attempt a new hypothesis

Please do not copy paste the same codes. The aim here is to use them as reference and you tailor make them as per your requirement to test a new assumption.

On the right, a "Share Content" sidebar is visible, containing the following options:

- Primary Content
  - Share Blank Whiteboard
  - Share Application/Screen
  - Share Camera
  - Share Files
- Secondary Content
  - Polling
- Interact
  - Breakout Groups

At the bottom, a control bar shows a "NIT Trainer" profile, a microphone icon, a chat icon, a share icon, a settings icon, and a close icon. A notification bubble shows "19" next to the share icon.

7. بالنقر على خاصية "Tools"، و بالتحديد على خيار "Attendance" يتم عرض قائمة حضور المتدربين للفصل الافتراضي للمتابعة ، كما يتضح بالصورة أدناه:

Student	Today	Present	Late	Absent	Excused
AlOsimie Abdulmajeed Mujahie z Hamdan	--	✓	⊙	✗	⊙
Al-Aghil Abdulrahman Fawaz	--	✓	⊙	✗	⊙
Al-Hamoud Afifah Ali	--	✓	⊙	✗	⊙
Hind ALbalawi	--	✓	⊙	✗	⊙
Munirah ahmed Al daasari	--	✓	⊙	✗	⊙
Deema Alfehaid	--	✓	⊙	✗	⊙

8. بالإمكان الوصول للمواد التعليمية المُرفقه على منصة التعلم من خلال اختيار أيقونة (Content) كما يتضح بالصورة أدناه:

Content Item	Attached Files
Lecture 1 5 Sept 2021	
Lecture 2 6 Sept 2021	
Computer Vision App	Assignment-Week 1.jpg (115.888 KB)
Lecture 3 7 Sept 2021	<ul style="list-style-type: none"> <li>Py-2-3-Dictionaries.ipynb (13.698 KB)</li> <li>Py-2-1-tuples.ipynb (23.293 KB)</li> <li>02_Timing_and_Profiling.ipynb (18.156 KB)</li> <li>Py-1-2-Strings.ipynb (26.347 KB)</li> <li>Py-2-4-Lists.ipynb (21.298 KB)</li> <li>Py-1-1-types.ipynb (40.966 KB)</li> <li>Py-2-4-Sets.ipynb (15.821 KB)</li> <li>01_Magic_Commands.ipynb (7.732 KB)</li> </ul>
Lecture 4 8 Sept 2021	

9. للحصول على مزيد من الدعم و المساعدة، يتم التواصل عبر بوابات الدعم التالية ، كما يتضح بالصور أدناه:

home / Contact Us  
Get In Touch

**Contact Information**

Your Name:  Contact No: 9665xxxxxxx

Enter your name.

Your email:  Subject:

Enter your email address. Enter subject.

Enquiry:

Enter your message

I'm not a robot

Submit

NIT Academy  
Prince Mohammed Bin Fahd Road, Al Nuzha, Dammam 32252, Saudi Arabia  
support@nita.edu.sa  
المركز الوطني للتعليم الإلكتروني: 920015991

FAQ

Home / Ally

**Ally for Learning Management Systems (LMS) Help**

Make your LMS digital content more accessible with Blackboard Ally.

- Integrates seamlessly with Blackboard Learn, Instructure Canvas, Self-hosted Moodle, Open LMS, D2L Brightspace, and Schoology.
- Automatically checks course materials against WCAG 2.1 accessibility standards
- Provides students with accessible alternative formats such as audio and electronic braille
- Delivers guidance to instructors to improve accessibility of their course content

What type of help are you looking for?

Student Instructor Administrator

مقاطع إرشادية لمستخدمين منصة البلاك بورد:

- للمُدرِّب: [Introduction to Blackboard Learn with the Ultra Experience for Instructors.](#)
- للمُتدرب: [Introduction to Blackboard Learn with the Ultra Experience for Students](#)