

IBM SkillsBuild & SkillUp Online Presents

# Cybersecurity Fundamentals



# Register your presence

- All the participants are requested to go through the Orientation Session pdf and mark as completed.
- Click on this link : <https://skills.yourlearning.ibm.com/activity/URL-876EB0AEE624>
- Clicking on Mark as Complete button!

# Agenda

1. Programme Overview
2. Learning Path
3. Career Path
4. Programme Offerings
5. Delivery Framework
6. IBM Community Discussion Board Forum
7. IBM Digital Credential
8. FAQs



# Programme Overview



## Programme Design

- Creating learning plan
- Creating Final Project
- Finalising Courses



## Learning Methodology

- Self-paced learning
- Live classes
- TA Support



## Lab Access

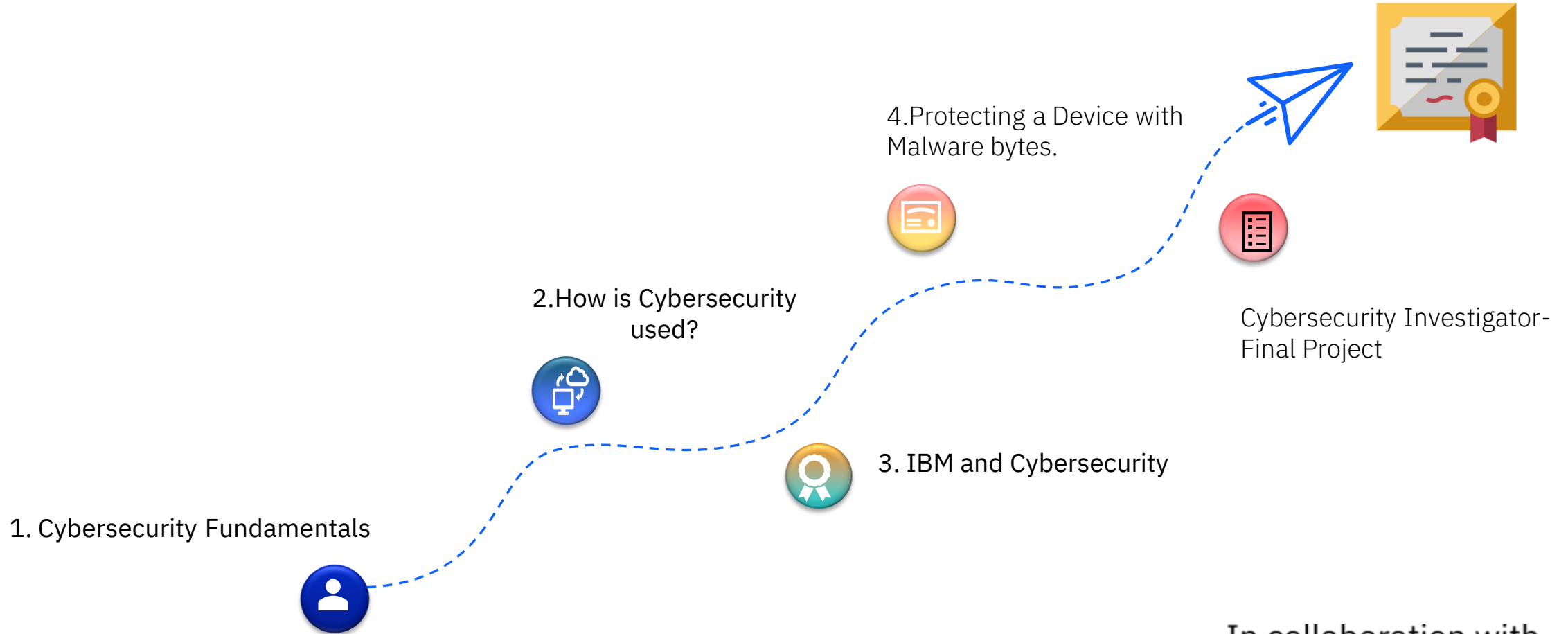
- Platform – IBM SkillsBuild
- Tools - NOVA



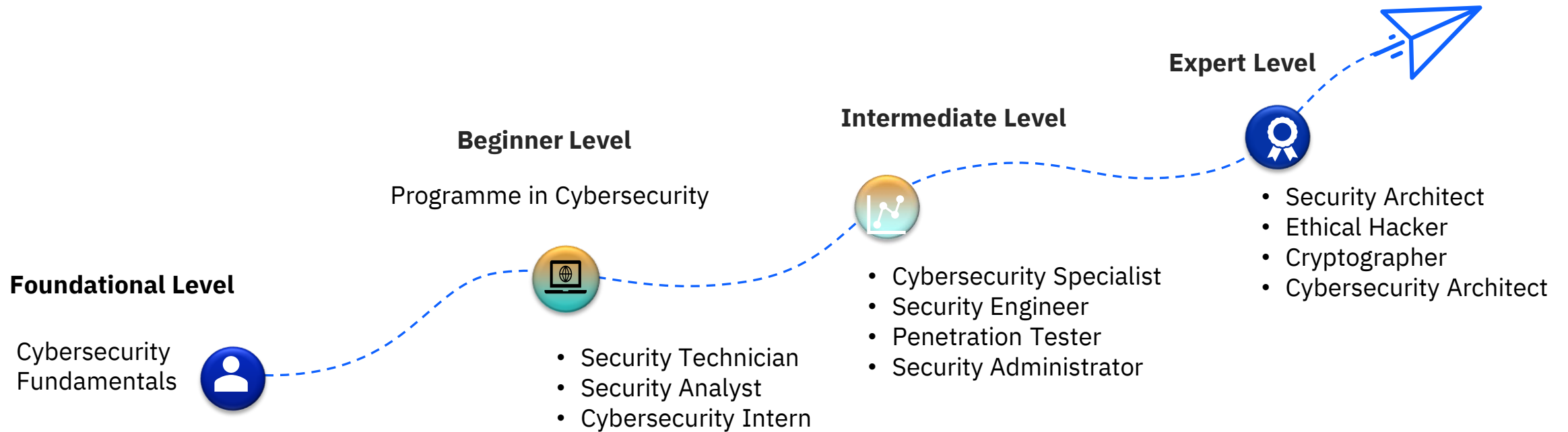
## Final Project

- Gain practical experience in real-world cyber-attack response.
- Understand industry-specific cybersecurity challenges and strategies.
- Develop teamwork and collaboration in cybersecurity investigations.

# Learning Path – Cybersecurity Fundamentals



# Career Path

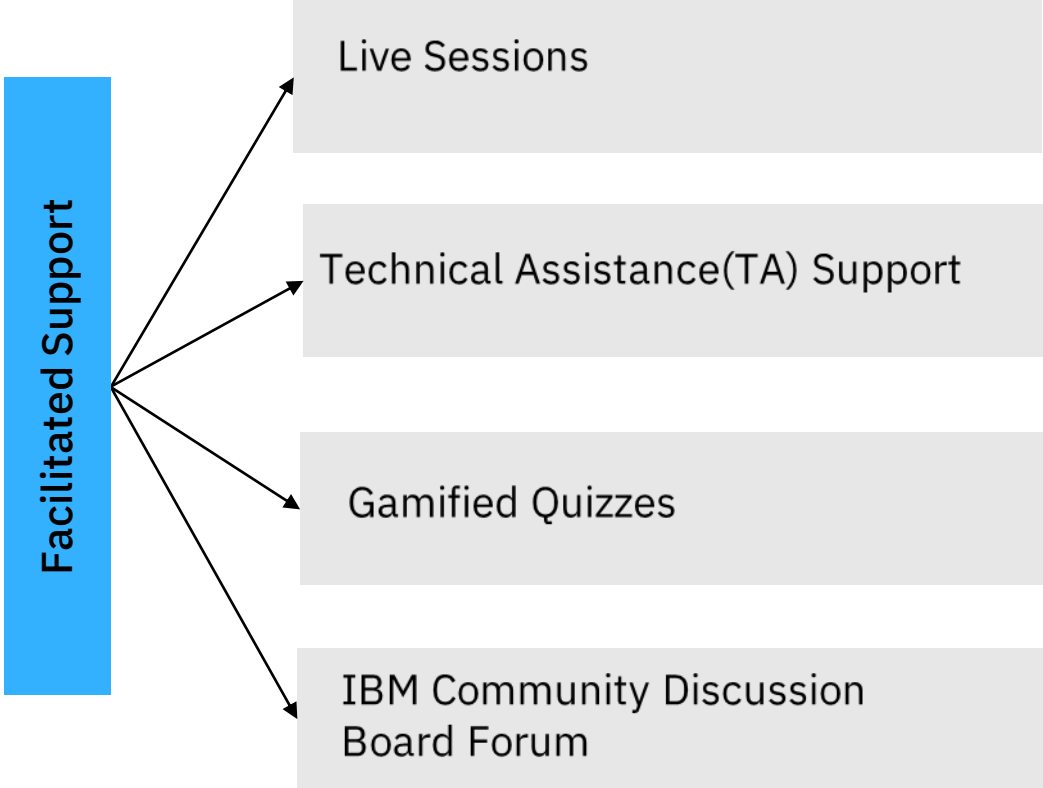
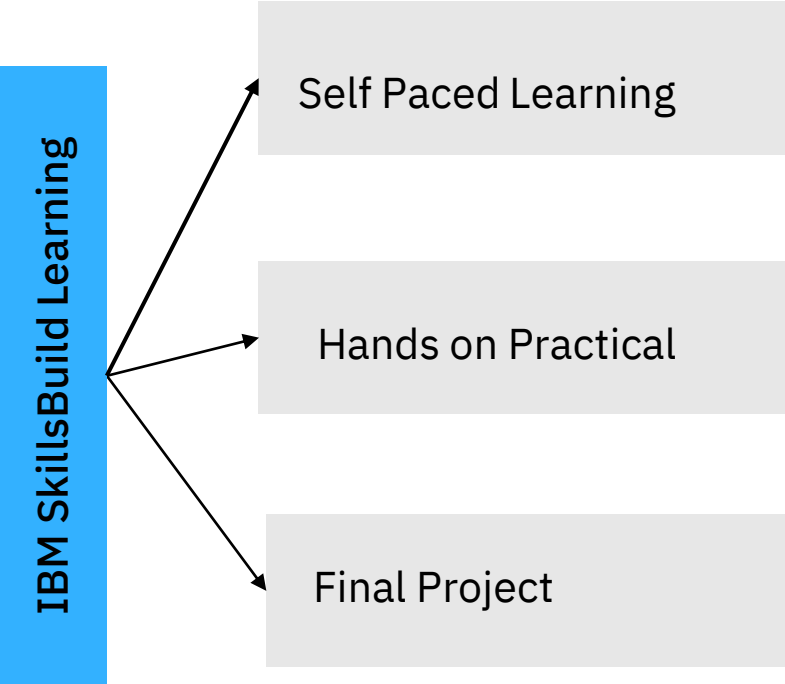


# Summary: Our Programme Offering

Cybersecurity	
<b>Total Hours</b>	<b>16.5 Hours</b>
Programme Access	4-Week (2 Weeks Training & 1 Week Final Project & 1 Week Follow up)
<b>A. Instructor-led Sessions</b>	<b>6.5 Hours</b>
<ul style="list-style-type: none"> <li>Live Technical Classes</li> </ul>	3 (1.5 hours)4.5 Hours
<ul style="list-style-type: none"> <li>Project Class</li> </ul>	1 (2 hours)2 Hours
<b>B. Self-paced Online Training</b>	<b>10 Hours</b>
<ul style="list-style-type: none"> <li>TA Support for IBM Community Discussion Board Forum</li> </ul>	Yes (4-Week)
<ul style="list-style-type: none"> <li>Learning Updates</li> </ul>	Weekly
<ul style="list-style-type: none"> <li>Knowledge Check Assessments</li> </ul>	Formative
<b>C. Final Project</b>	<b>Progressive</b>
Certificates	IBM Completion Certificate IBM and SkillUp Certificate
IBM Digital Credential	Credly

# Delivery Framework

Training and Learning  
Methodology & Techniques





# Delivery Framework

## Assessment & Evaluation Strategy



### **Evaluation Heads:**

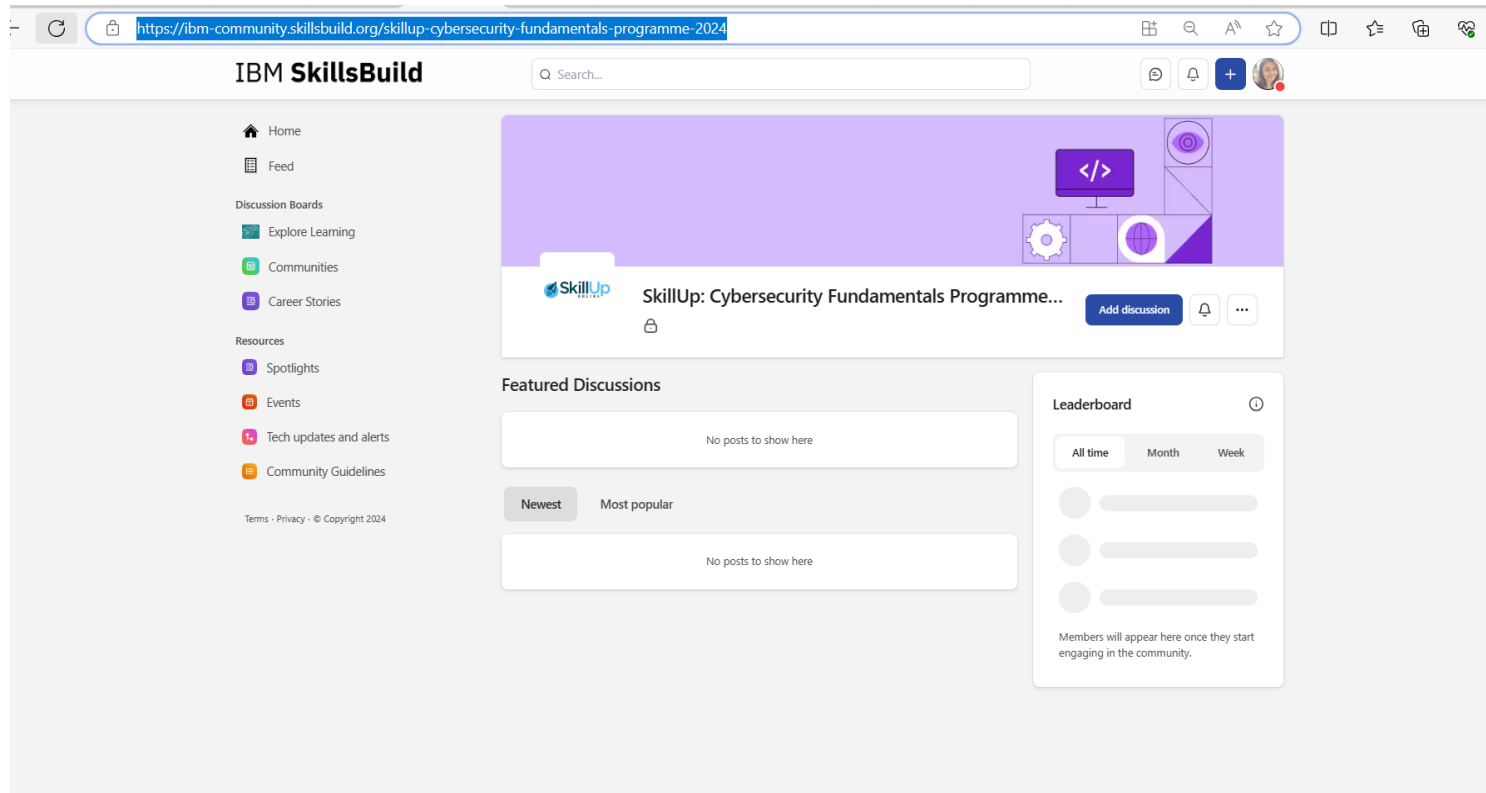
The performance of the learners will be assessed on the following metrics:

- Self-assessments
- Course-end final project report

# IBM Community Discussion Board Forum

The IBM Community Discussion Board Forum provides you and your group members with an online tool to communicate with each other. The Technical Assistance Team is available from Monday to Friday

- Link :[SkillUp: Cybersecurity Fundamentals Programme - 2024 - IBM SkillsBuild](https://ibm-community.skillsbuild.org/skillup-cybersecurity-fundamentals-programme-2024)



# IBM SkillsBuild Platform

– Learning Plan-- <https://skills.yourlearning.ibm.com/activity/PLAN-9398E7634541>

The screenshot shows the IBM SkillsBuild platform interface. At the top, the browser address bar displays the URL `skills.yourlearning.ibm.com/activity/PLAN-9398E7634541`. The page header includes the IBM SkillsBuild logo, navigation links for 'Recommendations' and 'Progress', and a search icon. The main content area features a dark header with the title 'Cybersecurity Fundamentals | SkillUp 2024' and a 'Share' button. Below the header, a progress bar indicates '7%' completion, with a note '1 complete of 14 required' and links for 'Refresh' and 'Show more'. The progress bar is followed by a timeline of tasks: 'Cybersecurity Fundamentals' (1 of 7 complete), 'Cybersecurity Essentials: Understanding, Implementing, and Protecting with Malwarebytes' (0 of 3 complete), 'Session Recordings' (Optional), 'Final Project - Cyber Investigator: An Interactive Cybersecurity Experience' (0 of 1 complete), and 'Get your digital Credential' (0 of 3 complete). The timeline is represented by a horizontal line with circular markers indicating the status of each task.

IBM SkillsBuild

Recommendations ▾ Progress ▾ 🔍 ⓘ CM ☰

**Cybersecurity Fundamentals** | SkillUp 2024

🕒 About 4 weeks 🎓 1 ★★★★★ 1 🔗 Share

📖 In progress 7% 1 complete of 14 required Refresh Show more

▼ Cybersecurity Fundamentals 1 of 7 complete

○ Cybersecurity Essentials: Understanding, Implementing, and Protecting with Malwarebytes 0 of 3 complete

⋮ Session Recordings Optional

○ Final Project - Cyber Investigator: An Interactive Cybersecurity Experience 0 of 1 complete

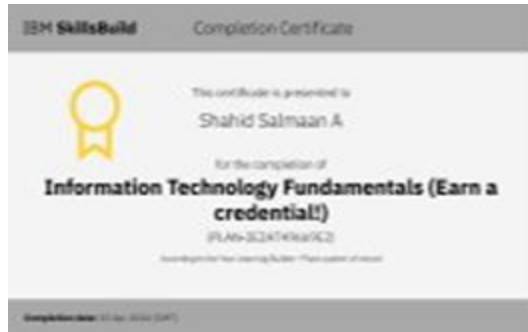
✓ ○ Get your digital Credential 0 of 3 complete

# Process Note

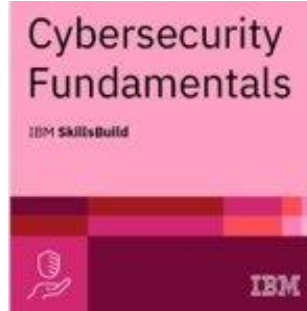


1. Complete the self-paced modules on Cybersecurity Fundamentals.
2. Attend instructor-led live classes
3. Complete the final project
4. Get your IBM Digital Credential

# Digital Credentials and Completion Certificates



1. Complete all the self-paced modules in the Cybersecurity Fundamentals.
2. Go to the Actions drop-down menu
3. Click on View Completion Certificate.
4. Get your IBM Completion Certificate



1. Complete Cybersecurity Fundamentals, a prescribed set of courses, designed by IBM.
2. Pass the graded quizzes and final assessments and complete the practice simulations.
3. Create your account with Credly and download the digital badge.
4. This credential is available to registered users of IBM SkillsBuild



1. Complete the self-paced modules on Cybersecurity Fundamentals.
2. Attend instructor-led live classes
3. Complete the final project.
4. Get your IBM and SkillUp Completion Certificate.

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# FAQs

**How will the training be delivered?**

Training for the live classes will be delivered via interactive virtual sessions conducted by a virtual instructor. TA Team and facilitators will support self-paced learning. The study material and session recordings will be available throughout the course. Learners can access both as often as needed.

**What if a learner needs help understanding the topic or a concept being taught? How can they get help?**

Learners can post questions to the instructor during the live sessions using the live chat option. Additionally, the training platform has various tools that enable learners to get the attention of a mentor so they can ask a question.

**How will the hands-on sessions be conducted?  
What equipment is required?**

Hands-on sessions will be conducted using online virtual labs. Learners need a PC or a laptop with an internet connection.

**How will learners get help if they get stuck performing a practical task?**

Our Technical Assistance team will be available to solve learner queries through live chat and email support.

**What support will a learner get if they miss a session?**

We will post recordings of sessions on the LMS. Learners can log in to the LMS to view the recordings anytime during the course.

# FAQs

**How long will learners have access to the recordings and study material?**

The study material and session recordings will be available throughout the course. Learners can access them as often as needed during that time.

**What is the internet speed required?**

Internet speed should be a minimum of 5Mbps. Learners can check the speed of their connection through <https://fast.com>.

**Do learners need a PC/laptop, or can they use their mobile to participate in the training sessions?**

To attend the live classes or to view recordings/ learning materials, a learner can use their cell phone. Their phone needs to be a smartphone that is 4G enabled. However, they will need a PC/laptop to perform practical tasks.

**How is this training methodology different from E-Learning?**

The live video streaming sessions use the concept of a virtual classroom. Learners attend live sessions with an instructor present and receive training as if they are attending the session in a classroom. The sessions are supplemented by virtual labs and post-session technical support to resolve all queries. E-learning platforms do not provide live training sessions. The content hosted on an E-Learning platform is static.



# Thank you!

For further queries, email us at  
[ibmskillsbuild.eu@skillup.online](mailto:ibmskillsbuild.eu@skillup.online)

