

Qiskit Fall Fest Pre-Workshop Setup

Before attending the workshop, here are some recommended prerequisites to help you get started with Qiskit!

1. You will need an account with IBM Quantum, it's easy to make and completely free. Please register yourself here: <https://quantum-computing.ibm.com> **using your rpi email**. It is recommended you **use your university or organisation affiliated email IDs** for registrations for this event. Be sure that you remember your sign-in credentials as those would be required for you to access IBM Quantum service providing all the open IBM Quantum resources.
2. A browser fully up-to-date (Chrome or Firefox are recommended) as all teaching will be done on tools using IBM Quantum on the Cloud. There will be no run locally and everything can be done from your browser for general hands-on coding.
3. There is very little background needed for the sessions. You can [brush up on Python programming](#) before attending the lecture by using the [Qiskit Textbook](#). To make the most out of these lectures, you may also consider looking through the [linear algebra prerequisites](#) section of the Qiskit Textbook.
4. You will be following through a part of the Qiskit Quantum Explorers program on the IBM Quantum Lab during the workshop. To access the community channel, it is recommended you download and setup Discord <https://discord.com>

Here are the links to resources to follow along with the lectures:

1. Link to launch IBM Quantum Composer: <https://quantum-computing.ibm.com/composer>
2. Link to launch IBM Quantum Lab: <https://quantum-computing.ibm.com/lab>
3. Qiskit Textbook: <https://qiskit.org/learn/course/introduction-course>
4. Qiskit SDK: <https://qiskit.org/>
5. Qiskit Documentation: [Qiskit API Docs 0.43](#)
6. Link to join Qiskit slack: <https://ibm.co/joinqiskitslack>