**Bluetooth Low Energy (BLE)** is a wireless communication protocol designed for low-power devices, enabling efficient data exchange over short distances. [Unlike traditional Bluetooth, BLE prioritizes energy conservation and is ideal for small IoT devices and sensors1](https://www.makeuseof.com/what-is-ble-bluetooth-low-energy/).

Here are **five free resources** where you can learn more about BLE:

1. [**MUO: What Is BLE (Bluetooth Low Energy) and How Does It Work?**](https://www.makeuseof.com/what-is-ble-bluetooth-low-energy/): This article provides an overview of BLE, its differences from regular Bluetooth, and how it achieves energy efficiency[1](https://www.makeuseof.com/what-is-ble-bluetooth-low-energy/).
2. [**Novida: BLE (Bluetooth Low Energy) – What is it and how to use it in IoT?**](https://www.novida.com/blog/ble/): Explore this simplified guide to BLE, focusing on its role in Internet of Things applications[2](https://www.novida.com/blog/ble/).
3. [**Novel Bits: Bluetooth Developer Academy**](https://novelbits.io/academy/): Access on-demand video courses and a private community to deepen your understanding of BLE development[3](https://novelbits.io/academy/).
4. [**Udemy: Bluetooth Low Energy (BLE) From Ground Up™**](https://www.udemy.com/course/bluetooth-low-energy-ble/): A practical course that teaches you how to build BLE embedded devices and communicate with other smart devices and mobile apps[4](https://www.udemy.com/course/bluetooth-low-energy-ble/).
5. [**Novel Bits: Bluetooth Low Energy YouTube Educational Video Series**](https://novelbits.io/bluetooth-low-energy-ble-complete-guide/): Dive into a series of 19 videos covering various aspects of BLE development[1](https://www.makeuseof.com/what-is-ble-bluetooth-low-energy/).

Happy learning! 📚🔗