[An **operating system (OS)** is system software that manages computer hardware and software resources, providing common services for computer programs1](https://www.codecademy.com/learn/fundamentals-of-operating-systems). Here are **five free online resources** where you can learn more about operating systems:

1. [**Codecademy’s Fundamentals of Operating Systems**](https://www.codecademy.com/learn/fundamentals-of-operating-systems): Dive into the main functionalities of operating systems, covering topics like processes, memory management, and filesystems[1](https://www.codecademy.com/learn/fundamentals-of-operating-systems).
2. [**Hackr.io’s Operating Systems Tutorials**](https://hackr.io/tutorials/learn-operating-systems): Explore a curated list of tutorials recommended by the programming community, catering to both beginners and advanced learners[2](https://hackr.io/tutorials/learn-operating-systems).
3. [**Alison’s Introduction to Operating Systems**](https://alison.com/course/introduction-to-operating-systems-revised): Learn about different OS varieties, hardware, processes, and system calls in this free online course[3](https://alison.com/course/introduction-to-operating-systems-revised).
4. [**Class Central’s Operating Systems Courses**](https://www.classcentral.com/subject/operating-systems): Discover various operating systems courses from top universities, including UC Irvine, Georgia Tech, and more[4](https://www.classcentral.com/subject/operating-systems).
5. [**edX’s Best Operating Systems Courses**](https://www.edx.org/learn/operating-systems): Explore free online courses on operating systems, covering topics like computer and mobile OS, app development, and more[5](https://www.edx.org/learn/operating-systems).

Happy learning! 🌟