

Computer Engineers (except Software Engineers and Designers)

Computer Engineers design, develop, and maintain computer hardware, networks, and embedded systems. Unlike software engineers, they focus on physical components, integration, and performance of computing systems. Their work ensures that hardware and system architecture function efficiently and reliably for various applications.

Duties and Responsibilities (Points):

- Design and develop computer hardware, circuits, and devices
- Test and troubleshoot computer systems and components
- Plan and implement network and communication systems
- Evaluate performance and reliability of hardware systems
- Integrate hardware with software and embedded systems
- Ensure compliance with safety, quality, and technical standards
- Collaborate with engineers, technicians, and IT specialists
- Maintain documentation for hardware specifications and configurations
- Research and implement new technologies in computer engineering
- Support installation, maintenance, and upgrades of computer systems