University Studies:

Higher Education Today. My University. Student Life.

Youth and Society:

Youth Issues. Tech Addiction. Generation Gap.

Career Path:

Being a Successful Specialist. My Speciality. Professional Development.

ICT Concepts:

Digital Revolution. Data Processing (data vs information). Digital Devices (types). Hardware Components (component system, clamshell, slate devices). The Issue of E-Waste.

Software:

Software Basics: categories and programs. OS Basics. Applications and Apps: mobile, Web, local. Buying and Installing Software. Software Licenses. Software Piracy.

Networks:

Types of networks (wired, wireless, LAN, WAN, MAN, PAN). Network topologies. Web basics. The Internet technology. IoT.

Information System:

The SDLC (planning, analysis, design, implementation, maintenance phases). System security.

Computer Programming:

Programming paradigms and programming languages. OOP. Game programming. AI (VR, AR, MR, machine learning, deep learning). Robotics.

Digital Security:

Security basics. Password security. Hardware security. Malware. Social engineering. Encryption.

Job Hunting:

Looking for a job. Writing a CV/Resume. Cover letter. Job interview.