



506331 Introduction to Data Transmission & Networks

[3 cr., 3, 0] This course looks at the types of information used in the business environment and the implications in terms of communications along with the trend toward digital integration of historically stand alone analogue and digital technologies. It examines the process of converting voice, data, image, and video information into integrated electromagnetic signals for transmission via various media. Coverage includes communications techniques, transmission efficiency methods, wide area networks (WANs), local area networks (LANs), high-speed trends in networking, and communications architectures and subsequent internetworking issues.