

IS452: Information Strategic Planning and Resource Management

- Credit Hours (lecture, lab, tutorial): **3** (3 + 0 + 1)
- Prerequisites: IS370.

Course content: This course covers the following topics: definition of IT infrastructure and resources, information strategy planning components (business planning, systems planning, and technical planning), strategic planning (strategic management, steps and tools of formal strategic planning, strategic planning feedback, developing strategic statements, and strategic planning rules), organizing and leading the information technology department, managing the development of information resources, cost analysis, charging of information services, IT outsourcing management, IT operations management, IT management processes, IT architecture evolution and alternatives, IT contingency planning, IT resources safety, issues of managing business-wide shared IT resources, personal issues; recruitment, orientation, training, career planning, human factors and performance measurement. Facility management, security issues, internal auditing, standard and procedures of the information center, and continuous improvement of IT resources. Standard measurement of IT network, network planning, network development life cycle (NDLC), Network factors and performance measurement, network management, network management tools.