Mission/Vision Statement

To produce students who can lead organizations in the evaluation, adoption, and implementation of information systems and technologies for the strategic benefits of organizations.

Goals & Student Learning Outcomes

I. Analyze organizational data, information, and knowledge requirements for the design and implementation of information systems.

   Student Learning Outcomes:

   SLO #1.1: Design a database from the analysis of information requirements.
   - **Content Delivered in:** IDS 868, IDS 695, IDS 697
   - **Assessment Method:** Project in IDS 686

   SLO #1.2: Build and process a relational database using a common DBMS software package.
   - **Content Delivered in:** IDS 686, IDS 697
   - **Assessment Method:** Project in IDS 686

   SLO #1.3: Explain the functions of database administration.
   - **Content Delivered in:** IDS 686
   - **Assessment Method:** Embedded exam questions in IDS 686

   SLO #1.4: Model and document information system requirements.
   - **Content Delivered in:** IDS 695, IDS 697
   - **Assessment Method:** Exercise in required class

II. Understand implications of enterprise information technology infrastructure and architecture in a global environment.

   Student Learning Outcomes:

   SLO #2.1: Identify and explain general information systems components.
   - **Content Delivered in:** IDS 680, IDS 697
   - **Assessment Method:** Assignment and embedded exam questions in required classes

   SLO #2.2: Describe standard information technology architectures and key protocols.
   - **Content Delivered in:** IDS 680, IDS 687, IDS 790
   - **Assessment Method:** Assignment and embedded exam questions in required classes

   SLO #2.3: Explain technology standards for local area networks and wide area networks.
   - **Content Delivered in:** IDS 687, IDS 790
   - **Assessment Method:** Assignment and embedded exam questions in required classes

   SLO #2.4: Analyze global impacts on infrastructure and architecture.
   - **Content Delivered in:** IDS 688, IDS 790
   - **Assessment Method:** Assignment and embedded exam questions in required classes
III. Align information strategy with organizational strategy.

Student Learning Outcomes:

**SLO #3.1:** Describe frameworks for strategic alignment of IT and corporate goals.
- **Content Delivered in:** IDS 695, IDS 688, IDS 790
- **Assessment Method:** Assignment and embedded exam questions in required classes

**SLO #3.2:** Explain how IT investments support an organization’s competitive strategy.
- **Content Delivered in:** IDS 688, IDS 790
- **Assessment Method:** Assignment and embedded exam questions in required classes

**SLO #3.3:** Explain IT procurement strategy.
- **Content Delivered in:** IDS 688, IDS 695, IDS 697
- **Assessment Method:** Assignment and embedded exam questions in required classes

IV. Understand information technology threats and challenges and trends in the global environment.

Student Learning Outcomes:

**SLO #4.1:** Discuss security issues of networking infrastructure.
- **Content Delivered in:** IDS 687, IDS 790
- **Assessment Method:** Assignment and embedded exam questions in required classes

**SLO #4.2:** Analyze information assurance needs.
- **Content Delivered in:** IDS 695, IDS 697
- **Assessment Method:** Assignment and embedded exam questions in required classes

**SLO #4.3:** Analyze emerging information technology trends and how they can affect the organization.
- **Content Delivered in:** IDS 688, IDS 697, IDS 790
- **Assessment Method:** Assignment and embedded exam questions in required classes

**SLO #4.4:** Explain IT auditing.
- **Content Delivered in:** IDS 697
- **Assessment Method:** Embedded exam questions in IDS 697

**Assessment Timeline**

Timeline represents a 4-5 year timeline for Cycle #1 but moving to a three year cycle.
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MSBA Information Systems Map

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