

**1. Course Number and Name:**

BUAD 2020 Information Technology Management

**2. Credits and Contact hours:**

Credits: 3 hours, Contact: 3 lecture hours

**3. Instructor's or course coordinator's name:**

Teresa Keefe

**4. Text book, title, author, and year:**

Business Driven Information Systems, Baltzan and Phillips, 2015

**a. Other supplemental materials:**

**5. Specific Course Information:**

**a. Brief description of the content of the course (catalog description):**

The role of computers and information systems in business decision-making will be carefully examined. The student is expected to develop computer-based applications for business decision making and problem solving through the use of state of the art software, including advanced spreadsheets, database and web design tools.

**b. Pre-requisites, or co-requisites:**

BUAD 1020 or CMPT 1100

**6. Specific goals for the course:**

**a. Specific outcomes of instruction:**

1. Understand the role of FT in an organization and how it impacts various functional areas
2. Understand the components of I!T, such as architecture, infrastructure, systems, etc.
3. Understand and relate to information requirements and process flows in business
4. Understand the value of FT to an organization both conceptually and practically
5. If you major in FT, to gain an elevated energy; if not, a higher appreciation of FT
6. Be able to actively participate in future FT planning and project Implementations

**b. Explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course:**

None

**7. Brief list of topics to be covered:**

1. Information Systems in Business
2. Strategic Decision Making
3. eBusiness
4. Ethics and Information Security
5. Data bases and data warehouses
6. Networks, telecommunication, and mobile
7. Operations Management and SCM
8. CRM and Business Intelligence
9. ERP and Collaborative Systems