

**University Curriculum Committee  
September 24, 2020 Meeting Minutes**

The University Curriculum Committee met on **Thursday, September 24** at 3:00 p.m. via Zoom Meeting.

**Members Present:**

Melinda Anderson	Julie Baker	Michael Allen	Brittany Copley
Bruce Greene	Julie Galloway	Colin Hill	Barbara Jared
Vicki Dieffenderfer	Christy Killman	Sharon Huo	Hayden Mattingly
Sharon Holderman	Allen Mackenzie	Chris Brown	Ben Mohr
Jeremy Wendt, Chair	Allan Mills	Janet Whiteaker	Tammy Boles
Jeff Roberts	Stephen Robinson	Joseph Slater	Linda Null
Kim Hanna	Wesley Pech	Richard Rand	Dale Wilson
Barry Stein	Mark Stephens	Edith Duvier	Thomas Timmerman
Lisa Zagumny	Darron Smith	Brenda Wilson	Kim Winkle
Alexis Harvey, Student	Melody Roth, Student	Dawson Davidson, Student	Rachel Baker, Student
Kelly Bell, Student			

**Members Absent:**

Jennifer Shank	Lori Bruce	Thomas Payne	Dale Wilson
Rita Barnes	Jeff Boles	Chris Wilson	Steve Frye
Jerry Gannod	Mike Gotcher	Evan Hart	Brandi Hill
Brandon Johnson	Paul Semmes	Martin Sheehan	Holly Stretz
Steve Isbell			

**Official Representative(s):**

Jie Cui FOR	Mohan Rao	Clark Carlton FOR	Lori Maxwell
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**Guest(s):**

Cari Williams	Mary McCaskey		
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**Outline of Proceedings:**

1.	Approval of Agenda		
2.	Approval of March 26, 2020 Minutes		
3.	Political Science		
4.	Accounting		
5.	Economics, Finance, and Marketing		
6.	Decision Sciences and Management		
7.	Mechanical Engineering		

Proceedings:

Perceiving a quorum, Dr. Jeremy Wendt, Chair of Committee, called the meeting to order at 3:00pm via Zoom.

*\*Due to the meeting being via Zoom, all motion and seconds will be initiated by Lisa Zagumny and Christy Killman throughout the meeting. Any objections can be called for discussion.*

**1. Approval of agenda**

**Motion to approve.** Lisa Zagumny

**Second.** Christy Killman

**Vote.** Motion carried.

**2. Approval of minutes, March 26, 2020**

**Motion to approve.** Lisa Zagumny

**Second.** Christy Killman

**Vote.** Motion carried.

*\*Abstention by Michael Allen due to not being present at the last UCC meeting.*

**3. Political Science**

**A. Deletion of Courses.**

**1) Non-Substantive Course Deletion**

POLS 120-hour curriculum

1. From: DS 2810 or CSC 1100 Junior year (3) credit hours

2. To: **DS 2810 Junior year (3) credit hours**

**Justification:** CSC 1100 is no longer offered at TTU.

**2) Non-Substantive Course Deletion**

POLS-Legal Studies (LS) 120-hour curriculum

3. From: DS 2810 or CSC 1100 Sophomore year (3) credit hours

4. To: **DS 2810 Sophomore year (3) credit hours**

**Justification:** CSC 1100 is no longer offered at TTU.

**Effective:** Summer/Fall 2021.

**Motion to approve.** Lisa Zagumny

**Second.** Christy Killman

**Vote.** Motion carried.

**4. Accounting**

**A. Course Description Changes.**

**1) From:**

ACCT 1040 Personal Tax

Lec 3. Credit 3.

Preparation of federal income tax returns for individuals, with some emphasis on tax planning. To receive credit for both ACCT 1040 and ACCT 3330, ACCT 1040 must be taken prior to enrolling in ACCT 3330 or its equivalent

**To:**

ACCT 1040 Personal Tax

Lec 3. Credit 3.

Preparation of federal income tax returns for individuals, with some emphasis on tax planning. To receive credit for both ACCT 1040 and ACCT 3330, ACCT 1040 must be taken prior to enrolling in ACCT 3330 or its equivalent.

**2) From:**

ACCT 2110 Principles of Accounting I

Lec 3. Credit 3.

Prerequisite: Sophomore standing or consent of instructor. Fundamental principles and procedures of financial accounting.

**To:**

ACCT 2110 Principles of Accounting I

Lec 3. Credit 3.

Fundamental principles and procedures of financial accounting, including transactions analysis, financial statements, internal control, and an introduction to data analysis using data visualization to understand financial information.

**3) From:**

ACCT 2120 Principles of Accounting II

Lec 3. Credit 3.

Prerequisite: ACCT 2110. Fundamental principles and procedures of financial and managerial accounting.

**To:**

ACCT 2120 Principles of Accounting II

Lec 3. Credit 3.

Fundamental principles and procedures of financial accounting, including capital structure and the statement of cash flows, and managerial accounting, including cost structure, budgeting, strategic decision-making, and time-value of money.

**4) From:**

ACCT 3170 Financial Accounting and Reporting I  
Lec. 3. Credit 3.

Prerequisite: ACCT 2110 and ACCT 2120 with grades of C or better.  
Contemporary theory and procedures that provide information for reports of the financial positions, results of operations and cash flows of modern business corporations. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program. Accounting majors must earn a grade of C or better to graduate.

**To:**

ACCT 3170 Financial Accounting and Reporting I  
Lec. 3. Credit 3.

Prerequisite: ACCT 2110 and ACCT 2120 with grades of C or better. **In-depth treatment of traditional financial accounting topics including standards setting, the accounting processing cycle, financial statement form and content, revenue recognition, time value of money, and accounting and reporting of current assets. Emphasis is placed on the development of technical accounting skills including basic theory, valuation, and measurement. Accounting majors must earn a grade of C or better to graduate.**

**5) From:**

ACCT 3180 Financial Accounting and Reporting II  
Lec 3. Credit 3.

Prerequisite: ACCT 3170 with a grade of C or better. Continuation of ACCT 3170 with emphasis on specific problem areas. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program. Accounting majors must earn a grade of C or better to graduate.

**To:**

ACCT 3180 Financial Accounting and Reporting II  
Lec 3. Credit 3.

Prerequisite: ACCT 3170 with grade of C or better. Continuation of ACCT 3170. **In-depth treatment of accounting and reporting for current and non-current assets and current and non-current liabilities. Emphasis is placed on the development of technical accounting skills including basic theory, valuation, and measurement along. Some assignments will incorporate Excel and other technology. Accounting majors must earn a grade of C or better to graduate.**

**6) From:**

ACCT 3190 Financial Accounting and Reporting III

Lec. Credit 3.

Continuation of ACCT 3180. In-depth treatment of accounting and reporting for non-current liabilities and equity, share-based compensation, accounting changes and error corrections, and the statement of cash flows. Emphasis is placed on the development of technical accounting skills including basic theory, valuation, and measurement. Enrollment in junior or senior level accounting classes requires junior standing. Accounting majors must earn a C or better to graduate.

**To:**

ACCT 3190 Financial Accounting and Reporting III

Lec. Credit 3.

Continuation of ACCT 3180. In-depth treatment of accounting and reporting for leases, income taxes, pensions, shareholder equity, EPS, and Accounting changes and error corrections, and the statement of cash flows. Emphasis is placed on development of technical accounting skills including basic theory, valuation, and measurement. Accounting majors must earn a C or better to graduate.

**7) From:**

ACCT 3210 Cost Accounting

Lec 3. Credit 3.

Prerequisite: ACCT 2120 with a grade of C or better. Procedures for providing accounts and reports of cost information to management for planning, controlling, pricing and external reporting. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program. Accounting majors must earn a grade of C or better to graduate.

**To:**

ACCT 3210 Cost Accounting

Lec 3. Credit 3.

Prerequisite: ACCT 2110 & 2120 with grade of C or better. Procedures for providing accounts and reports of cost information to management for planning, controlling, pricing and external reporting. Cost, volume, and profit analysis and budgeting techniques with the use of technology. Accounting majors must earn a grade of C or better to graduate.

**8) From:**

ACCT 3330 Federal Taxation I

Lec 3. Credit 3.

Prerequisite: ACCT 3170 with a grade of C or better. A survey of the basic concepts of taxation and the impact of federal taxation on individuals, business income and property transactions. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program. Accounting majors must earn a grade of C or better to graduate.

**To:**

ACCT 3330 Federal Taxation I

Lec 3. Credit 3.

Prerequisite: ACCT 3170 with a grade of C or better. A survey of the basic concepts of taxation and the impact of federal taxation on individuals, business income, and property transactions. **An introduction to basic tax research methods using available tax research databases.** Accounting majors must earn a grade of C or better to graduate.

**9) From:**

ACCT 3620 Auditing I

Lec 3. Credit 3.

Prerequisite: ACCT 3170 with a grade of C or better. Introduction to the theory and practice of financial statement audits. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program. Accounting majors must earn a grade of C or better to graduate.

**To:**

ACCT 3620 Auditing I

Lec 3. Credit 3.

Prerequisite: ACCT 3170 with a grade of C or better. Introduction to the theory and practice of financial statement audits. **Includes use of online professional standards and simulated electronic work papers.** Accounting majors must earn a grade of C or better to graduate.

**10) From:**

ACCT 3720 Survey of Accounting

Lec 3. Credit 3.

Basic accounting principles, financial statements, cost behavior, cost accounting systems, and costing for management decisions. Open to non-

business majors only. Credit will not be granted for both ACCT 2110 or ACCT 2120 and ACCT 3720.

**To:**

ACCT 3720 Survey of Accounting

Lec 3. Credit 3.

Basic accounting principles, financial statements, **analysis, cost behavior, cost accounting systems, internal controls, and costing for management decision-making.** Open to non-business majors only. Credit will not be granted for both ACCT 2110 or ACCT 2120 and ACCT 3720.

**11) From:**

ACCT 4230 (5230) Advanced Managerial Accounting

Lec 3. Credit 3.

Prerequisite: ACCT 3210 with a grade of C or better. Selected problems in cost accounting with emphasis on managerial uses of cost information. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program. Students may not receive credit for both the 4000-level and the 5000-level of the same class.

**To:**

ACCT 4230 (5230) Advanced Managerial Accounting

Lec 3. Credit 3.

Prerequisite: ACCT 3210 with a C or better. **Course focuses on the role of financial managers and managerial accountants, and the practical implementation of management financial reporting principles and reporting of financial results. Course also focuses on business ethics, data analytics methods, and excel and communication skills.**

**12) From:**

ACCT 4300 (5300) Financial Statement of Analysis

Lec 3. Credit 3.

Prerequisite: A grade of C or better in ACCT 3170 or FIN 3210, admission to the College of Business Graduate Program, or permission of instructor. In-depth study of the methodologies used to analyze financial statements. Emphasis is placed on the use of technology to understand and apply ratio analysis.

**To:**

ACCT 4300 (5300) Financial Statement of Analysis

Lec 3. Credit 3.

Prerequisite: **Grade of C or better in ACCT 3170 or FIN 3210, or permission of instructor. In-depth study of the methodologies used to analyze financial statements.** Emphasis is place on the use of technology to understand and apply ratio analysis.

**13) From:**

ACCT 4530 Government & Not-for-Profit Accounting

Lec 3. Credit 3.

Prerequisite: ACCT 2110 and ACCT 2120 with minimum grades of C. Accounting, reporting, and budgeting for governmental entities and other not-for-profit organizations, including coverage of healthcare and voluntary welfare organizations. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program.

**To:**

ACCT 4530 Government & Not-for-Profit Accounting

Lec 3. Credit 3.

Prerequisite: ACCT 2110 and ACCT 2120 with minimum grade of C. **Course primarily focuses on accounting for government and not-for-profit entities and understanding the different objectives, basis of accounting, and measurement focus at the government-wide and fund levels. Course also includes using proprietary software to create and analyze financial results. Additional review of some voluntary welfare and healthcare entity financial practices is included.**

**14) From:**

ACCT 4600 (5500) Fraud Auditing and Forensic Accounting

Lec 3. Credit 3.

Prerequisite: Junior standing in the accounting major. Exposure to applicable authoritative literature, as well as to tools and methods used by modern forensic accountants and auditors to identify accounting and financial statement frauds. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program. Students may not receive credit for both the 4000-level and the 5000-level of the same class.

**To:**

ACCT 4600 (5500) Fraud Auditing and Forensic Accounting

Lec 3. Credit 3.

Prerequisite: Junior standing in the **College of Business**. Exposure to applicable authoritative literature **on the prevalence and forms of financial fraud, tools and methods of fraud auditing, and forensic tools to detect financial fraud. Includes application of Excel and other technology-based fraud detection tools. Students will not receive credit for both the 4000-level version and the 5000-level version of the class.**

**15) From:**

ACCT 4700 (5700) International Experiences in Accounting

Lec 3. Credit 3.

Prerequisite: Consent of instructor and Department Chairperson. A short-term, faculty-led study abroad program highlighting selected historical and modern contributions to accounting and business from another country and culture. Course will meet weekly during the semester in addition to the travel period. Students may not receive credit for both the 4000-level and the 5000-level of the same class.

**To:**

ACCT 4700 (5700) International Experiences in Accounting

Lec 3. Credit 3.

Prerequisites: **Open to Accounting majors and requires consent of instructor.** A short-term, faculty-led study abroad program highlighting selected historical and modern contributions to accounting and business **in the UK.** Course will meet weekly during the semester in addition to **spending approximately 8 days in the UK. A special course fee will apply. Students will not receive credit for both the 4000-level and 5000-level version of the class.**

**16) From:**

ACCT 4800 Internship in Accounting

Credit 3.

Prerequisite: Consent of Department Internship Coordinator or Department Chairperson and, if for graduate credit, consent of MBA Director. A directed current professional experience in accounting. Graduate credit requires a field research project. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program.

**To:**

ACCT 4800 Internship in Accounting

Credit 3.

Prerequisite: **Consent of Department Internship Coordinator or Department Chair.** A directed current professional experience in accounting. **To receive credit, several criteria must be met, including prior approval of Department Internship Coordinator, a minimum of 320 hours of professional-level work, submission of a post-internship journal, and a job performance evaluation by the work supervisor.**

**17) From:**

ACCT 4900 Special Topics in Accounting

Credit 3.

Prerequisite: Consent of Instructor and Department Chairperson. An advanced course concerning current topics in Accounting, Auditing, Taxation, and Business Law. Course may be taken more than once as topics change. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program.

To:

ACCT 4900 Special Topics in Accounting

Credit 3.

Prerequisite: **Consent of Instructor.** An advanced course **covering current topics in accounting, auditing, taxation or related topics.** Course may be taken more than once as topics change.

**18) From:**

ACCT 4901 Special Topics in Accounting

Credit 1.

Prerequisite: Consent of Instructor and Department Chairperson. An advanced course concerning current topics in Accounting, Auditing, Taxation, and Business Law. Course may be taken more than once as topics change. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program.

To:

ACCT 4901 Special Topics in Accounting

Credit 1.

Prerequisite: Consent of Instructor. An advanced course covering current topics in accounting, auditing, taxation or related topics. Course may be taken more than once as topics change.

**19) From:**

ACCT 4902 Special Topics in Accounting  
Credit 2.

Prerequisite: Consent of Instructor and Department Chairperson. An advanced course concerning current topics in Accounting, Auditing, Taxation, and Business Law. Course may be taken more than once as topics change. Enrollment in junior or senior level accounting courses requires junior standing. All business majors must have completed the Basic Business Program.

**To:**

ACCT 4902 Special Topics in Accounting  
Credit 2.

Prerequisite: Consent of Instructor. An advanced course covering current topics in accounting, auditing, taxation or related topics. Course may be taken more than once as topics change.

**Motion to approve.** Lisa Zagumny

**Second.** Christy Killman

**Vote.** Motion carried.

**5. Economics, Finance, and Marketing**

**A. Course Additions.**

- 1) **ECON 4991 – Special Topics**  
Credit 1 to 2 per semester. Maximum 2.  
Prerequisite: None.  
Directed study and research on a selected topic in Economics. Course may be taken more than once as topics change.
- 2) **FIN 4991 – Special Topics**  
Credit 1 to 2 per semester. Maximum 2.  
Prerequisite: None.  
Directed study and research on a selected topic in Finance. Course may be taken more than once as topics change.
- 3) **MKT 4901 – Special Topics**  
Credit 1 to 2 per semester. Maximum 2.  
Prerequisite: None.

Directed study and research on a selected topic in Marketing. Course may be taken more than once as topics change.

**\*Friendly Amendment: MKT 4901 was changed to MKT 4991.**

**Motion to approve.** Lisa Zagumny

**Second.** Christy Killman

**Vote.** Motion carried

## **6. Decision Sciences and Management**

### **A. Catalog Changes.**

- 1) Update the Department's introductory description.
- 2) Update the Proposed Schedules for each major and concentration.
- 3) Update prerequisites in the course descriptions
- 4) Correct course name from BMGT3510 (Management and Organization Behavior) to BMGT3510 (Management and Organizational Behavior)
- 5) Change BMGT4900 Special Topics in Management from 3-credit class to 1-3 credit class.

#### **Department of Decision Sciences and Management**

**Professor Timmerman, Chairperson; Chair of Excellence Guimaraes (J.E. Owen Chair of Excellence in Management Information Systems); Professors Armstrong, Natarajan (W. Eugene Mayberry Professor of Management), Wells; Associate Professors Ballou, Huguenard, Jones; Assistant Professors Baidoo, Matthews, Turner; Lecturers Nation, Smith, Wells, Williams**

The department offers majors in Business Management and Business and Information Technology. Business Management Majors may choose from among four concentrations: General Management (BUMA), Human Resource Management (BUHR), Production/Operations Management (BUPR), and Business Analytics and Intelligence (BUBA).

General Management is the science of getting people and resources together to accomplish organizational goals and objectives. It can include things like planning, organizing, staffing and, most importantly, leading. General Management graduates obtain positions in administrative services management, lodging management, management consulting, meeting and convention planning, non-profit and community services administration, retail and food services management, project management, and property and facilities management.

Human Resource Management helps an organization make the best use of its most valuable asset: its people. The Human Resources function helps an organization select the best employees, develop them to meet their full

potential, and reward them in ways that foster individual and organizational success. Human Resource Management graduates are hired in a wide variety of organizations including financial institutions, health care providers, manufacturing companies, and consulting firms. Entry-level jobs include recruiters, compensation analysts, and human resource assistants.

Production & Operations Management is the management of processes and operations used by businesses in the production of their goods and services. It is the study of efficiency and effectively. Manufacturing plants are the main employers of production/operations management personnel, but many service organizations, including health care organizations and banks, also hire graduates as operations analysts or quality and productivity analysts.

Business Analytics and Intelligence fundamentally involves the use of data to help decision-makers make better decisions. Through advanced statistical analysis, data visualization, and critical thinking, these students learn how to turn data into valuable insights in a variety of domains. There is a growing variety of career paths available for these graduates such as management analyst, operations research analyst, and quality control analyst.

Business and Information Technology students use information technology to solve business problems. This requires more than technical skills. Our program also emphasizes work place skills like business concepts, critical thinking, communications, working with people, project management, and thinking strategically about technology. Graduates often work as business applications developers, systems analysts, project leaders, database and network administrators, business consultants, and information systems managers.

In addition to offering the five options of study, the department provides a significant amount of the core coursework in organizational behavior, analytical methods, management information systems, operations management, and business strategy, to support other undergraduate majors offered in the College of Business, as well as the graduate program in business.

The department houses two distinguished professorships in the state's program of chairs of excellence allowing universities to attract eminent faculty and individuals of national and international prominence as chairholders. In the department is the J.E. Owen Chair of Excellence in Management Information Systems held by Dr. Tor Guimaraes, a scholar of international distinction. The W. Eugene Mayberry Chair of Excellence in Quality and Technology Management is currently vacant, but was most recently held by Dr. Curt Reimann, senior scientist emeritus of the National Institute of Standards and Technology and retired director of the Malcolm Baldrige National Quality Award. This

distinguished position is named in honor of Dr. W. Eugene Mayberry, retired chairman of the board of governors of the Mayo Clinic.

**B. Changes to Schedules in Catalog.**

Bachelor of Science in Business Administration

Business and Information Technology, B.S.B.A.

**1) From:**

Sophomore Year: Second Semester  
Elective Credit: 3<sup>2</sup>

**To:**

Sophomore Year: Second Semester  
**BMGT 3720 – Business Communication I Credit: 3**

**2) From:**

Junior Year: First Semester  
BMGT 3720 – Business Communication I Credit: 3

**To:**

Junior Year: First Semester  
**Elective Credit: 3<sup>2</sup>**

Business Management, Business Intelligence and Analytics Concentration, B.S.B.A.

[Current catalog plan still has 13 hours of Electives and does not have BMGT3720]

**3) From:**

Sophomore Year: Second Semester  
Elective Credit: 3<sup>2</sup>

**To:**

Sophomore Year: Second Semester  
**BMGT 3720 – Business Communication I Credit: 3**

Business Management, General Management Concentration, B.S.B.A.

**4) From:**

Sophomore Year: Second Semester  
Elective Credit: 3<sup>2</sup>

**To:**

Sophomore Year: Second Semester  
**BMGT 3720 – Business Communication I Credit: 3**

- 5) **From:**  
Junior Year: First Semester  
BMGT 3720 – Business Communication I Credit: 3

**To:**

Junior Year: First Semester  
**Elective Credit: 3<sup>2</sup>**

- 6) **From:**

Junior Year: Second Semester  
BMGT or DS Elective Credit: 3

**To:**

Junior Year: Second Semester  
**DS Elective Credit: 3**

Business Management, Human Resource Management Concentration, B.S.B.A.

- 7) **From:**

Sophomore Year: Second Semester  
Elective Credit: 3<sup>2</sup>

**To:**

Sophomore Year: Second Semester  
**BMGT 3720 – Business Communication I Credit: 3**

- 8) **From:**

Junior Year: First Semester  
BMGT 3720 – Business Communication I Credit: 3

**To:**

Junior Year: First Semester

Elective Credit: 3<sup>2</sup>

Business Management, Production & Operations Concentration, B.S.B.A.

[BMGT4410 was dropped from catalog plan between 18/19 and 19/20.]

**9) From:**

Sophomore Year: Second Semester

Elective Credit: 3<sup>2</sup>

**To:**

Sophomore Year: Second Semester

BMGT 3720 – Business Communication I Credit: 3

**10) From:**

Senior Year: First Semester

BMGT 3720 – Business Communication I Credit: 3

**To:**

Senior Year: First Semester

Elective Credit: 3<sup>2</sup>

**11) From:**

Senior Year: Second Semester

Business Elective Credit: 3<sup>1</sup>

**To:**

Senior Year: Second Semester

BMGT4410 Conflict Management & Negotiation Credit: 3

**C. Course Changes.**

BMGT 3510 – Management and Organization Behavior

**12) From:**

Management and Organization Behavior

Lec. 3. Credit 3.

Management functions and processes as applied to organizations with special emphasis on the behavioral aspects. Enrollment in Junior- or Senior-level BMGT courses requires Junior Standing. All Business majors must have completed the Basic Business Program.

**To:**

Management and **Organizational** Behavior  
Lec. 3. Credit 3.

**Prerequisite:** Sophomore standing. Management functions and processes as applied to organizations with special emphasis on the behavioral aspects

BMGT 3600 – International Management

**13) To:**

International Management  
Lec. 3. Credit 3.

**Prerequisite:** BMGT 3510 and Junior standing. Explore organizational and management issues in international business.

BMGT 3630 Human Resource Management

**14) To:**

Human Resource Management  
Lec. 3. Credit 3.

**Prerequisite:** BMGT 3510 and Junior standing. Personnel management policies, practices, and laws.

BMGT 3720 – Business Communication I

**15) To:**

Lec. 3. Credit 3.

**Prerequisite:** Sophomore standing. Principles and practices in developing appropriate business messages that report primary and secondary research in a variety of styles.

BMGT4100 – Staffing

**16) To:**

Lec. 3. Credit 3.

**Prerequisite:** BMGT 3630. This course will focus on the recruitment, selection, and retention of human resources within organizations. Students will learn methods and processes by which organizations plan for their staffing needs,

recruit applicants, select new employees, and socialize new employees. Students will also learn how the staffing function influences organizational performance and how the staffing function is influenced by the legal, social, organizational, and technological environments in which staff decisions are made.

BMGT 4120 (5120) – Compensation Administration

**17) To:**

Lec. 3. Credit 3.

Prerequisite: BMGT 3630. Theory and practice of determining wages, salaries, and employee benefits.

BMGT 4150 – Employment and Labor Law

**18) To:**

Lec. 3. Credit 3.

Prerequisite: BMGT 3630. An overview of legal issues affecting the employment relationship in business, from a managerial perspective.

BMGT 4410 (5410) – Conflict Management and Negotiation

**19) To:**

Lec. 3. Credit 3.

Prerequisite: Junior standing. Development of interpersonal skills for managing conflict and negotiations in business.

BMGT 4520 (5520) – Organizational Leadership

**20) To:**

Lec. 3. Credit 3.

Prerequisite: BMGT 3510 and Junior standing. An examination of behavioral concepts required for effective leadership within business organizations.

BMGT 4610 – Training and Development

**21) To:**

Lec. 3. Credit 3.

Prerequisite: BMGT 3510 and Junior standing. Development of skills in employee development and training in a wide range of business contexts.

BMGT 4720 – Business Communication II

**22) To:**

Lec. 3. Credit 3.

Prerequisite: BMGT 3720. Analyzing and presenting solutions for cases and problems involving business transactions.

BMGT 4900 – Special Topics in Management

**23) From:**

Lec. 3. Credit 3.

Prerequisite: Consent of instructor. Current topics in management. All Business majors must have completed the Basic Business Program. Enrollment in Junior- or Senior-level BMGT courses requires Junior Standing.

**To:**

Lec. 1-3. Credit 1-3.

Prerequisite: Consent of instructor. Current topics in management.

DS 3520 – Operations Management

**24) To:**

Lec. 3. Credit 3.

Prerequisite: ECON 3610 and Junior standing. Management of the processes, resources, and technologies in the production of goods and services.

DS 3540 – Quality and Productivity Systems

**25) To:**

Lec. 3. Credit 3.

Prerequisite: DS 3520 or consent of instructor. Contemporary issues in quality and productivity management are examined.

DS 3620 – Business Analytics: Data Driven Decision Making

**26) To:**

Lec. 3. Credit 3.

Prerequisite: DS 2810, ECON 3610, and Junior standing. Business Analytics is the use of data and quantitative methods to help managers gain insight about business operations. This course will provide the fundamental concepts and tools needed to understand the role of business analytics in organizations.

DS 3810 – Business Applications of Microcomputers

**27) To:**

Lec. 3. Credit 3.

Prerequisite: DS 2810 or consent of instructor. Cost benefit considerations and development and implementation of microcomputer-based business applications are emphasized.

DS 3841 – Management Information Systems

**28) To:**

Lec. 3. Credit 3.

Prerequisite: DS 2810 and Sophomore standing. Management information needs and the technical, economic, and organizational impacts of these needs.

DS 3850 – Business Applications Development

**29) To:**

Lec. 3. Credit 3.

Prerequisite: DS 2810 and Junior standing. Introduction to development of business applications. Includes programming concepts such as variables, data types, control structures, and input/output files.

DS 3860 – Business Database Management

**30) To:**

Lec. 3. Credit 3.

Prerequisite: DS 2810 and Junior standing. Concepts of designing and managing databases in a business environment with emphasis on database design, and normalization.

DS 3870 – Business Applications Development II

**31) To:**

Lec. 3. Credit 3.

Prerequisite: DS 3850. Advanced programming skills with emphasis on object-orientation, database integration, and web application development.

DS 4010 – Decision Support Systems

**32) To:**

Lec. 3. Credit 3.

Prerequisite: DS 3860 or consent of instructor. A current study of DSS concepts, designs, methodologies, and business applications, including expert systems.

DS 4125 – Computer Forensics and Investigations

**33) To:**

Lec. 3. Credit 3.

Prerequisite: Junior standing or Consent of instructor. Investigation, discovery, and analysis of digital computer evidence. Student work groups use computer hardware and forensic software to perform computer forensic investigations and solve sample cases. Students are introduced to and work with numerous computer forensic tools.

#### DS 4210 – Business Intelligence

##### **34) To:**

Lec. 3. Credit 3.

Prerequisite or corequisite: DS 3860. Business Intelligence (BI) is the process of collecting data from a variety of sources and providing it to decision-makers in a form that enhances business value. This course will provide an understanding of data organization, BI processes and techniques, and how to transform data to support business decision-making.

#### DS 4220 – Advanced Business Analytics

##### **35) To:**

Lec. 3. Credit 3.

Prerequisite: DS 3620. This course provides an in-depth examination of the benefits and challenges of implementing analytics in a business environment. It also covers advanced topics in data analysis that will assist managers in making better decisions.

#### DS 4250 – Business Data Communications

##### **36) To:**

Lec. 3. Credit 3.

Prerequisite: DS 2810 and Junior standing. Concepts of data and voice communication networks for supporting business activities to include the OSI model, local and wide area networks, network security, and network management.

#### DS 4260 – Network Security and Forensics

##### **37) To:**

Lec. 3. Credit 3.

Prerequisite: DS 4250 or consent of instructor. Concepts of network security measures aimed at preventing unwanted access to a network and network forensics aimed at capturing and inspecting network traffic for later analysis.

#### DS 4330 (5330) – Management Information Systems Analysis and Design

**38) To:**

Lec. 3. Credit 3.

Prerequisite or corequisite: DS 3865. An applications oriented study of the business systems development life cycle and current systems analysis and design methods are emphasized.

DS 4550 – Information Systems Development Practicum

**39) To:**

Lec. 3. Credit 3.

Prerequisite: DS 3870 and DS 4330 (5330). Corequisite: DS 4250. Students develop their knowledge and skills in planning, analyzing, designing, and implementing real-world information systems.

DS 4630 (5640) – Advanced Quantitative Analysis

**40) To:**

Lec. 3. Credit 3.

Prerequisite: DS 3620. Advanced applications of quantitative methods, including forecasting and management science concepts.

DS 4900 – Special Topics in Decision Sciences

**41) To:**

Lec. 1-3. Credit 1-3.

Prerequisite: Consent of instructor. Current topics in Decision Sciences.

**Motion to approve.** Lisa Zagumny

**Second.** Christy Killman

**Vote.** Motion carried

**7. Mechanical Engineering**

**A. Course Changes.**

**1) From:**

VE 3500 - Sensors, Transducers and Instrumentation

Catalog Data: Lec. 2. Lab. 2. Cr. 3.

Prerequisite: ECE 2010; PHYS 2120; consent of instructor. Introduction to sensors used in vehicles including: oxygen, tire pressure, emission, temperature, blind spot monitoring, etc. Focus on principles of measurements, theory of

instruments and sensors for measuring typical physical quantities in mechanical and electrical systems. Calibration, measurement uncertainty and noise.

**To:**

VE 3500 - Sensors, Transducers and Instrumentation

Catalog Data: Lec. 2. Lab. 2. Cr. 3.

Prerequisite: **ECE 2850 or ECE 2010**; PHYS 2120; consent of instructor.

Introduction to sensors used in vehicles including: oxygen, tire pressure, emission, temperature, blind spot monitoring, etc. Focus on principles of measurements, theory of instruments and sensors for measuring typical physical quantities in mechanical and electrical systems. Calibration, measurement uncertainty and noise.

**2) From:**

ME 3050 – Dynamic Modeling and Controls

Catalog Data: Lec. 3. Cr. 3.

Prerequisites: ME 2330, ME 3023 and ME 3001. Co-requisite: ME3060. Modeling and simulation of lumped parameter systems, mechanical, electrical, thermal, fluid, and/or mixed; time and frequency response; vibration applications; control algorithms.

**To:**

ME 3050 – Dynamic Modeling and Controls

Catalog Data: Lec. 3. Cr. 3.

Prerequisites: ME 2330, **ME 3023 or VE 3500**, and ME 3001. Co-requisite: ME3060. Modeling and simulation of lumped parameter systems, mechanical, electrical, thermal, fluid, and/or mixed; time and frequency response; vibration applications; control algorithms.

**B. Course Deletions.**

**1) ME 4470/5470 – Interdisciplinary Studies in Ceramic Materials Processing**

Catalog Data: Lec. 3. Cr. 3.

Prerequisite: CHEM 1120, MATH 2120 and PHYS 2110. Selected materials synthesis for metals, ceramics and their composites, application of fracture mechanics and failure models, mechanical, chemical, and morphological characterization theory and practice, and materials design.

**Delete from the ME course list.**

**C. Curriculum Changes.**

- 1) ME 4380 (5380) – Introduction to Data Acquisition and Signal Processing  
Catalog Data: Lec. 2. Lab. 1. Cr. 3.  
Prerequisite: ME 3023, ME 3050 and ME 3060 or Instructor consent. Lab VIEW programming and data acquisition with commercial hardware digital signal processing basics including sampling, analog-to-digital conversion, quantization, aliasing, and Fourier analysis. Students enrolled in the 5000-level course will be required to complete additional work as stated in the syllabus.  
**Please add this existing course to the ME Area of Emphasis (AOE) list for both the BSME and the BSME-VE concentration.**
  
- 2) ME 4450 (5450) – Design for Manufacturability  
Catalog Data: Lec. 2. Lab. 2. Cr. 3.  
Prerequisites: ME 3010 and CEE 3110. Material and manufacturing process constraints on design shape, size and quantity; plastic and fibrous composite parts manufacturing; rapid prototyping; design for X; dimensions and tolerances.  
**Please add this existing course to the ME Area of Emphasis (AOE) list for both the BSME and the BSME-VE concentration.**

**Motion to approve.** Lisa Zagumny

**Second.** Christy Killman

**Vote.** Motion carried

**No other such matters being presented, the meeting was adjourned at 3:11 p.m.**