4366 Business Modeling & Decision Making

Course Description/Overview

4366 Business Modeling and Decision Making (3-0). Design and use of financial models for working capital management; cash flow projections; ratio analysis; capital budgeting; and real estate investment analysis.

This course is designed to familiarize the student with advanced computer concepts and problem-solving techniques within a business finance setting. Most examples in this course are business oriented, but the underlying problem-solving methodology and skills can be applied to each student’s area of study and interest.

Course Syllabus Statement on Required Use of Masks/Facial Coverings by Students in Class At Angelo State University

As a member of the Texas Tech University System, Angelo State University has adopted the mandatory Facial Covering Policy to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, in compliance with the university policy students in this class are required to wear a mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

Technical Support

Recommended Browser Firefox or

https://www.cengage.com/student-training/mindtap/blackboard/ia-yes/
Prerequisite Knowledge

BCIS 1305

Course Technology

This is a Microsoft OS required course, many course activities will work on a Microsoft Office for MAC OS.

- High-speed Internet connection
- **Blackboard Learning Management System**: Access to the Blackboard Learning Management System. Login with the Blackboard username and password credentials.
- You can download the **Blackboard app** from the App Store. It should be listed as **Bb, Mobile Learn**. After downloading the BB app, launch the app and when prompted, type in the name of the school (Angelo State University). You will be prompted to pay for the app and after payment you will be asked to authenticate (log in) using your University system username and password.

This course is a Web-assisted course, delivered through Blackboard and the Cengage MindTap learning system. See additional information under Course Textbook and Required Readings.

Accessing course materials:

To access your course materials and explore Cengage Unlimited, **click on “Enroll in Cengage Unlimited” in the “Welcome” tab** and create your Cengage account or log in (using an existing one).

For step-by-step help on getting started, check out our helpful training video and instructions at in the Welcome tab or go to [cengage.com/start-strong](http://cengage.com/start-strong). Just select that you’re using **MindTap** in Blackboard.

Once you’ve registered, view this [tutorial video](http://tutorial.video) to learn how to access the print options that come with your **MindTap** course.

**Title:** The Shelly Cashman Series Collection Microsoft Office 365 & Office 2019, 1st Edition

**Author:** Sandra Cable; Steven M. Freund; Ellen Monk; Susan L. Sebok; Joy L. Starks; Misty E. Vermaat

**ISBN-10:** 0-357-02622-5

**ISBN-13:** 978-0-357-02622-9

**TAKE A LOOK INSIDE CENGAGE UNLIMITED**

Course Textbook and Required Readings - Do not purchase prior to class

This course requires MindTap. MindTap is available for purchase on its own, or through Cengage Unlimited, a subscription that gives you access to all Cengage online textbooks and access codes in one place—for

1.) $119.99 per semester,   2.) $179.99 per year or   3.) $239.99 for two years.
No matter how many Cengage products you use, they are included in Cengage Unlimited at no additional cost.

Prefer print? For select titles, you can also get a hardcopy textbook rental with your activation through Cengage Unlimited for $7.99 + free shipping and the option to purchase a loose-leaf version of your textbook, which you can keep. Cengage Unlimited is available in the bookstore or at cengage.com/unlimited.

**Class Meeting Times**
Tuesday, Thursday 2:00 – 3:15. Due to the Covid-19 pandemic this class will meet during major class assessment assignments. The class will be treated as Blended Class with class release time for all project assignments. Students are encouraged to meet on a one on one basis with the professor when additional support is needed. These meetings are encouraged to be on a personal level or via electronic means at the professor’s digression.

This is a Blended course, you are expected to complete the course materials at your convenience. I will be available to assist through email and via Zoom during regular class time 2:00 – 3:15 T/Th. Midterm and Final will be taken during regular class times.

The content of this course will be delivered via the Blackboard System. For general information about the Technology Service Center and your account visit the Technology Service Center or call 325-942-2911. If you ever experience any technical difficulties with the Blackboard System, please request assistance by calling 325-486-6263. You can also send an email to elearning@angelo.edu or simply go to https://www.angelo.edu/services/e-learning/ for further assistance. Please use your college provided email address to communicate with me while taking this course. Instructions about making updates to your account can be found at https://www.angelo.edu/services/technology.

**ASU Technical Support**
The Technology Service Center (TSC) may be contacted by calling (325) 942-2911 or 1-866-942-2911 or by email at helpdesk@angelo.edu. SAM Support may be contacted at 800.654.9706, (option 5 followed by option 1).

**Office Hours**
By Appointment only. To set up an office visit via Zoom, please email the instructor for scheduling and agreed upon time.

**Faculty/Instructor Information**

<table>
<thead>
<tr>
<th>Vincent Mangano</th>
<th>E-Mail: <a href="mailto:vincent.mangano@angelo.edu">vincent.mangano@angelo.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructor</td>
<td>Office Hours: by appointment</td>
</tr>
<tr>
<td>Office: Rassman 250</td>
<td>Email is the fastest way to contact me.</td>
</tr>
<tr>
<td>Phone: 325-486-6497</td>
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</tbody>
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**Course Objectives**

**Learning Objectives:**

Upon completion of this course, students will be able to...

1. Apply course material to improve thinking skills.
2. Acquire factual/practical knowledge related to business and technology.
3. Develop and present professional skills and viewpoints.
4. Demonstrate competency in team building skills as well as interpersonal, oral and written communications by preparing and presenting a professional-quality spreadsheet application in both written and presentation formats.

Student Learning Outcomes

Upon successful completion of the course, students will be able to:
1. To use advanced spreadsheet features to produce a representation and analysis of numerical data.
2. To create an original graphic image to present a financial results.
3. To create, and evaluate information relevant to a financial condition/question.
4. To create an electronic document that demonstrates a complex financial material and conveys a clear and concise result.
5. Connect! To recognize and respond to technological issues related to community services and technology applications.

Assessment Methods

Students will be assessed on the completion of specific projects, exams, and team projects administered through the SAM system (as per the attached schedule) and field related assignments. Students will be expected to complete all assignments on a timely basis.

Weighted Value of Assignments

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Chapter Exams</td>
<td>12.5%</td>
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<tr>
<td>Chapter Projects</td>
<td>57.5%</td>
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<tr>
<td>Capstone Projects</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm Assignment</td>
<td>10%</td>
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<tr>
<td>Final Exam Grade</td>
<td>10%</td>
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</table>

Course Textbook and Required Readings

Do not purchase before the first day of class

- **Title:** New Perspectives Collection Microsoft Office 365 & Office 2019
- **ISBN-13:** 978-0-357-02640-3
- **Title:** The Shelly Cashman Series Collection Microsoft Office 365 & Excel 2019, 1st Edition
- **Author:** Steven M. Freund; Joy L. Starks
- **ISBN-9780357026199**
- Learning Management Systems
  Bb/MindTap/SAM
**Grading Policies**

Grades are computed on a point scale and converted to percentages based on the total number of points accumulated over the course.

The grading scale is as follows:

- **A**  90-100%
- **B**  80-89.999999%
- **C**  70-79.999999%
- **D**  60-69.999999%
- **F**  Below 60%

Except in cases of actual error, final grades are permanent.

**Cases and Projects**

1. **Readings**: These are recommended readings related to the material that is covered as part of the chapter assignment. There are no points earned for the readings, they are considered to be essential to understanding the chapter materials.

2. **Projects**: These projects are essentials to the learning and development of the student. Each subject matter will have a comprehensive project worth 100 points. You may submit your SAM assignments up to three times, and the highest grade will be recorded. SAM project assignments will represent at least 57.5% of your grade.

3. **Chapter Exams**: Each chapter has a chapter exam worth 25 or 50 points each. These chapter exams are directly related to the chapter at hand. These chapter exams are worth 12.5% of your class grade.

4. **The Midterm and Final are each worth 10% of the grade.**

Final assessment will be a simulated MOS Certificate exam.

**Response Time**

Instructor will respond within 24 business hours of inquiry or sooner, students are expected to respond within the same time frame. All students are expected to check their email daily. The listed Ramport email will be the email used for all email communication.

**Missed/Late Work**

No late work (exams or assignments) will be accepted for any reason. This means that you should plan ahead to complete assignments and exams early. Do not wait until one hour before an exam or assignment is due to try and complete it. Remember Murphy’s Law: Whatever can go wrong will go wrong, and at the worst possible time. If a student procrastinates, this law usually applies.

You are responsible for all material covered and all assignments given, regardless of personal illness, family emergency, or computer system failures. Reasonable deadlines have been set to ensure that you have ample time to complete all assignments, given that you do not wait until the last minute.
Participation/Absenteeism
Attendance is required for all classes as stated in the University Bulletin and will be recorded. Attendance is based on the assignment completion. In order to get credit for attending class the student must complete each assigned module according to class/assigned schedule; otherwise, the absence will stand as recorded.

Extra Credit Work
There is no extra credit work for individuals. Extra credit opportunities for individuals discriminate against students who submit their work in good order and on time; therefore, I don’t allow extra credit assignments, unless I do so for the entire class. If you keep up with your regular work, there will be no need for extra credit work; however I reserve the right to offer extra credit assignment to enhance the student experience.

Final Exam
Will be not later than university scheduled exam period (Tuesday, May 9, 2019).

Course Policies

Academic Honesty and Integrity
Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding and complying with the university Academic Honor Code and the ASU Student Handbook.

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Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is contained in both print and web versions of the Student Handbook.

It is the professor’s intention to be as fair and impartial as is humanly possible. Therefore, all students will be asked to adhere to the same set of guidelines and rules UNLESS there are disabilities or documented extenuating circumstances that have been discussed with the professor and the Student Life Office. Please make sure you inform the professor as soon as any situation arises. Do NOT wait until the problem is compounded by poor class performance, poor attendance, etc.

Academic integrity is expected. This includes, but is not limited to, any form of cheating, plagiarism, unauthorized sharing of work, or unauthorized possession of course materials. The professor assumes that all students can be trusted. Please do not violate this trust. Violation of academic integrity will result in a failing grade for the course.
**Courtesy and Respect**

Courtesy and Respect are essential ingredients to this course. We respect each other's opinions and respect their point of view at all times while in our class sessions. The use of profanity & harassment of any form is strictly prohibited (Zero Tolerance), as are those remarks concerning one's ethnicity, life style, race (ethnicity), religion, etc., violations of these rules will result in immediate dismissal from the course.

**Accommodations for Disability**

As stated in the Angelo State University Operating Policy and Procedure (OP 10.15 Providing Accommodations for Students with Disabilities), the Student Life Office is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability, and it is the student's responsibility to initiate such a request by contacting the Student Life Office at (325) 942-2191 or (325) 942-2126 (TDD/FAX) or by e-mail at Student.Life@angelo.edu to begin the process. The Student Life Office will establish the particular documentation requirements necessary for the various types of disabilities.

**Student absence for religious holidays**

As stated in the Angelo State University Operating Policy and Procedure (OP 10.19 Student Absence for Observance of Religious Holy Day), a student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.

**Course Drop**

To view information about how to drop this course or to calculate important dates relevant to dropping this course, you can visit [http://www.angelo.edu/services/registars_office/course_drop_provisions.php](http://www.angelo.edu/services/registars_office/course_drop_provisions.php).

**Incomplete as a Course grade**

As stated in the Angelo State University Operating Policy and Procedure (OP 10.11 Grading Procedures), the grade I is given when the student is unable to complete the course because of illness or personal misfortune. An I that is not removed before the end of the next long semester automatically becomes an F. A graduate student will be allowed one year to remove a grade of I before it automatically becomes an F. To graduate from ASU, a student must complete all I’s.

**Grade Appeal Process**

As stated in the Angelo State University Operating Policy and Procedure (OP 10.03 Student Grade Grievances), a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see Operating Procedure 10.03 at: [http://www.angelo.edu/content/files/14196-op-1003-grade-grievance](http://www.angelo.edu/content/files/14196-op-1003-grade-grievance).
<table>
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<th>Week</th>
<th>Tues</th>
<th>Thurs</th>
<th>Class Date</th>
<th>Start Date</th>
<th>Due Date</th>
<th>New Perspective Assignments</th>
<th>Shelly Cashman Assignments</th>
<th>Project Pts.</th>
<th>Exam Pts.</th>
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<td>18-Aug</td>
<td>20-Aug</td>
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<td><strong>Introductions/Syllabus Review</strong></td>
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<td>2</td>
<td>Tues</td>
<td>25-Aug</td>
<td>24-Aug</td>
<td>30-Aug</td>
<td></td>
<td>Excel Module 1: Getting Started with Excel</td>
<td>01 Assessment In Class, No Collaboration</td>
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<td></td>
<td>Thurs</td>
<td>27-Aug</td>
<td>26-Aug</td>
<td>31-Aug</td>
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<td>Excel Module 2: Formatting Workbook Test and Data</td>
<td>SAM 2 Formulas, Functions, and Formatting etc</td>
<td>200</td>
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<td>Tues</td>
<td>1-Sep</td>
<td>31-Aug</td>
<td>2-Sep</td>
<td>6-Sep</td>
<td>Excel Module 3: Performing Calculations with Formulas and Functions</td>
<td>SAM 3 Working with Large Worksheets, Charting, and What-If Analysis etc</td>
<td>200</td>
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<td>Thurs</td>
<td>3-Sep</td>
<td>2-Sep</td>
<td>9-Sep</td>
<td>13-Sep</td>
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<td>SAM Capstone 1-3</td>
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<td>Tues</td>
<td>8-Sep</td>
<td>7-Sep</td>
<td>9-Sep</td>
<td>13-Sep</td>
<td>Excel Module 4: Analyzing and Charting Financial Data</td>
<td>SAM 4 Financial Functions, Data Tables, and Amortization Schedules</td>
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<td>Thurs</td>
<td>10-Sep</td>
<td>9-Sep</td>
<td>10-Sep</td>
<td>14-Sep</td>
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<td>Tues</td>
<td>15-Sep</td>
<td>14-Sep</td>
<td>16-Sep</td>
<td>20-Sep</td>
<td>Excel Module 5: Generating Reports from Multiple Worksheets and Workbooks</td>
<td>SAM 5 Working with Multiple Worksheets and Workbooks</td>
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<td>Thurs</td>
<td>17-Sep</td>
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<td>Tues</td>
<td>22-Sep</td>
<td>21-Sep</td>
<td>23-Sep</td>
<td>27-Sep</td>
<td>Excel Module 6: Managing Data with Data Tools</td>
<td>SAM 6 Creating, Sorting, and Querying a Table</td>
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<td>Thurs</td>
<td>24-Sep</td>
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<td>26-Sep</td>
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<td>7</td>
<td>Tues</td>
<td>29-Sep</td>
<td>28-Sep</td>
<td>29-Sep</td>
<td>4-Oct</td>
<td>Excel Module 7: Summarizing Data with PivotTables (due Oct 12)</td>
<td>SAM 7 Creating Templates, Importing Data, and Working with SmartArt, Image</td>
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<td>Thurs</td>
<td>1-Oct</td>
<td>30-Sep</td>
<td>1-Oct</td>
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<td>8</td>
<td>Tues</td>
<td>6-Oct</td>
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<td>8-Oct</td>
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<td>Modules 4-7 - SAM Capstone Project 1a</td>
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<td>Thurs</td>
<td>8-Oct</td>
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<td>Tues</td>
<td>13-Oct</td>
<td>12-Oct</td>
<td>15-Oct</td>
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<td>Thurs</td>
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<td>12</td>
<td>Tues</td>
<td>3-Nov</td>
<td>2-Nov</td>
<td>5-Nov</td>
<td>8-Nov</td>
<td>Excel Module 10: Analyzing Data with Business Intelligence Tools</td>
<td>SAM 10 Data Analysis with Power Tools and Creating Macros</td>
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<td></td>
<td>Thurs</td>
<td>5-Nov</td>
<td>4-Nov</td>
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<td>13</td>
<td>Tues</td>
<td>10-Nov</td>
<td>9-Nov</td>
<td>12-Nov</td>
<td>15-Nov</td>
<td>Excel Module 11: Exploring PivotTable Design</td>
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<td>12-Nov</td>
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<td>14</td>
<td>Tues</td>
<td>17-Nov</td>
<td>16-Nov</td>
<td>18-Nov</td>
<td>21-Nov</td>
<td>Excel Module 12: Developing an Excel Application</td>
<td>SAM Capstone 8-11</td>
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<td>19-Nov</td>
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<td>22-Nov</td>
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<td>Tues</td>
<td>24-Nov</td>
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<td>Final In-Class*</td>
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<td>26-Nov</td>
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* Instructions to follow. Due to the unexpected impact of Covid-19 in-class scheduled events will be communicated 1-2 weeks prior to scheduled event. Priority will be given to the health and safety of all stakeholders.

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**Norris Vincent College of Business Code of Ethics**

Students, faculty, administrators and professional staff of the College of Business should always:

- Be forthright and truthful in dealings with all stakeholders
- Take responsibility for one’s actions and decisions
- Serve as an example of ethical decision-making and behavior to others
- Admit errors when they occur, without trying to conceal them
- Respect the basic dignity of others by treating them as one would wish to be treated