Course Description:
Analytic and systematic approach to the study of decision making through management science processes and techniques. Topics include quantitative analysis and decision-making relationships, simulation and risk analysis, and decision analysis using various criteria.

Prerequisite: MATH 1342 or MATH elective.

Students Learning Outcomes and Core Competencies:
- Apply oral and written communication skills and leverage technology to enhance communications in order to prepare and present reports.
- Use project and quality management strategies to successfully manage and implement projects/programs within the organization.
- Promote the ability to work as a team member through guidance, coordination and contribution towards team goals.
- Employ creative and critical thinking processes to resolve problems of the organization.

This course is an upper division course for students that have met the admission requirements for upper division courses. This course is designed to investigate the broad spectrum of decision making issues that managers face today and will face in the future.

The basic principles and concepts of decision making and will be presented in the lectures, class discussions, through the select readings and research. This course uses the case analysis skills as the focus of learning. Case analysis is the basis of student exercises that involve the student in the thought process for business and life decision making.

This course will transfer to other community colleges and most four-year institutions in Texas.

Text, References, and Supplies:
To be determined by the Instructor of record

Objectives:
Upon successful completion of the course the student will be able to:

<table>
<thead>
<tr>
<th>Competencies</th>
<th>Purpose and/or sample real life applications</th>
<th>Projects</th>
<th>Used throughout the course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analyze problems in management by using</td>
<td>Prepare the student to understand</td>
<td>Use critical thinking to analyze, synthesize and</td>
<td>yes</td>
</tr>
</tbody>
</table>

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quantitative techniques (identify the step-by-step procedure) that is used in most quantitative approaches to decision making for managers today.

Utilize microcomputer software packages that will be able to aid managers to analyze a simple decision analysis problem.

Interpret and explain in written or graphical form (quantitative and qualitative) other factors that are important in the decision making process.

Prepare the student to understand decision making processes.

Prepare the student to understand decision making models and use practical decision making processes in their personal life.

Use critical thinking to analyze, synthesize and evaluate real-world decision making environments in organizations. Integrate student experiences, current events, and instructors’ real-world experiences into a decision making framework.

Interpret and explain in written or graphical form (quantitative and qualitative) other factors that are important in the decision making process.

Prepare the student to understand decision making processes.

Prepare the student to understand decision making models and use practical decision making processes in their personal life.

Use critical thinking to analyze, synthesize and evaluate real-world decision making environments in organizations. Integrate student experiences, current events, and instructors’ real-world experiences into a decision making framework.

Student Contributions, Responsibilities and Class Policies:
Each student is expected to study at least three hours per week preparing for class, take an active role in lecture/discussion, meet assignment due dates, and conduct themselves in a businesslike manner in the class. Students are expected to exhibit professional behavior during scheduled class times and while in the lab.

Evaluation of Students:
Performance will be measured by student testing and class participation as follows:

Semester course grade is determined as follows:

<table>
<thead>
<tr>
<th>Tests/Cases</th>
<th>Points</th>
<th>Semester course grade is determined as follows:</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Case Studies</td>
<td>800</td>
<td>90%-100%</td>
<td>A</td>
</tr>
<tr>
<td>100 points each</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Exam Online</td>
<td>200</td>
<td>80%-89%</td>
<td>B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>70%-79%</td>
<td>C</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60%-69%</td>
<td>D</td>
</tr>
<tr>
<td>Total</td>
<td>1000</td>
<td>Less than 60%</td>
<td>F</td>
</tr>
</tbody>
</table>

Course Schedule:
This is a hybrid BAT class and will meet as agreed upon by the class and instructor. Assignments will be posted on the internet within the Discussion Board area for this course. This is NOT a flexible time course.

**Required Participation:**
For **Online/Hybrid** classes, students MUST actively participate by completing an academic assignment by the official census date. Students who do not do so, will be dropped from the course.

**Attendance Policy:**
Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity will be reported as never attended and dropped from the course.

**Withdrawal Policy:**
Requests for withdrawal must be made using the College's accepted withdrawal methods. Students must complete an official withdrawal form either in person in the Student Services office, online or by written request. Midland College reserves the right to decline approval of a withdrawal request for any reason. Such reasons may include, but are not limited to: submitting incomplete information on the request, not submitting current contact information for the student, not resolving any questions concerning the authenticity of the document, disciplinary actions, outstanding debts, TSI liability, etc.

Students who withdraw and have outstanding debts in any area of the College will not be given clearance to re-enroll until these debts are paid. Students who receive warning notices concerning non-attendance may complete the withdrawal request portion of the notice and return it to Student Services. TSI Liable students must meet with Dean of Adult or Developmental Education before withdrawing from TSI classes.

The last day for withdrawal for each registration period is published in the catalog and the current course schedule. Online withdrawal requests must be made on or prior to the dates listed.

**Scholastic Dishonesty & Academic Misconduct**
Academic dishonesty includes cheating, fabrication, plagiarism, and facilitating academic dishonesty. Disciplinary options include, but are not limited to, suspension and dismissal. (See the Midland College Student Handbook for a complete explanation of college policy).

http://www.midland.edu/students/academics/academic_misconduct/plagiarism.php

**AMERICANS WITH DISABILITIES ACT (ADA):** *(Below is the statement that Student Services has provided for inclusion in the syllabus.)*
Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact Shep Grinnan as soon as possible. Mr. Grinnan’s office is located in the Scharbauer Student Center Building. These conditions may include documented physical or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorizations/documentation.

**Instructor Information:**
Instructor:

Office
Phone:

Email
Office Hours:
Students are encouraged to contact the instructor at any time; however, making an appointment will guarantee the instructor’s availability at a specific time.

**Division Information:**
Division Dean:  
Dr. Kennedy  
MHA176  432-685-6813

Program or Department Chair:  
Doug Johnson  
TC 116  432-685-4665

Division Secretary:  
Angelina Dolaptchieva  
MHA 176  432-685-6830