

# Quantitative Business Analysis BMG-205

## COURSE SYLLABUS

This syllabus is subject to change; notice of any changes will ONLY be provided in class

**Instructor:** Professor G. Kent Harding  
**Class Room:** E - 218  
**Class Time:** TR 11:00am – 12:15pm

**Office Hours:** MWF 9:00 – 9:30am; R 3:45 – 5:15pm  
**Office:** Room C-148  
**Phone:** (860) 885-2382

**E-mail:** kharding@trcc.commnet.edu

### **Course Prerequisites**

- MAT K-137 or equivalent;

### **Course Co-Requisites**

- NONE

### **Course Description**

Please see the TRCC course catalog for official description; the instructor’s description follows.

- After a one to two week review of the math tools presented in MAT K-137, the course continues with the introduction of new mathematical concepts, symbols and analytical techniques with a focus on their application to quantitative issues faced by the business community. The course homework comprises problems emphasizing the mathematical concept (tool) and its application; application problems are always presented in word problem format.

### **Learning Outcomes**

This course is designed to develop specific knowledge, skills and abilities. Upon successfully completing the course, you should be able to demonstrate the application and understanding of (see the text and assignment attachment for specifics):

- Intermediate mathematical symbols and their concepts (tools);
- The terminology applicable to these symbols and concepts;
- The capabilities and limitations of these various math “tools” ;
- The ability to extract quantitative data from narrative problem or issue descriptions; and
- The ability to select and apply the appropriate math “tool(s)” to resolve the problem or issue.

You should also be able to analyze and compute specific numeric values for problems and issues in the business areas of:

- Finance;
- Manufacturing and service operations
- Accounting; and
- Marketing

### **Required Texts and other Materials/Supplies**

- *Introductory Mathematical Analysis for Business, Economics and the Life and Social, 13<sup>rd</sup> Ed.* by Ernest F. Haeussler, Jr., Richard S. Paul & Richard J. Wood; Pearson Prentice Hall Publishers
- TI 83 or higher or equivalent calculator with graphing capability (only TI-89 instructions covered in class).

### **Performance (Grade) evaluation**

Students will be evaluated using the following percentage breakdown in computing the final grade:

**Exams (lowest grade dropped)----- 60 %**

**Quizzes in-class and take home (lowest grade dropped)----- 40 %**

### **Attendance**

No consideration for attendance or lack of attendance will be considered in determining the student’s final grade. However certain grade components (for example quizzes) will require your presence in class. An attendance sheet containing the names of all currently registered students will be distributed for the student’s signature within approximately 15 minutes of the start of each class and will be available during class. **IF YOU DO NOT SIGN IT AFTER YOUR NAME ON THE DATE OF THE CLASS YOU DID NOT ATTEND THE CLASS!** This sheet will be the only evidence of attendance in this course and will be used to document your attendance for financial aid or other externally required purposes. It may also be used to substantiate the reason for a poor or failing grade performance.

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### Grading

## **THERE ARE NO MAKE-UP OR EXTRA-CREDIT OPTIONS**

One exam and quiz (the lowest grade) will be dropped to accommodate an unanticipated absence

**TESTS AND QUIZZES WILL BE DISTRIBUTED AND COLLECTED ON THE DATES SHOWN IN THE INCLUDED COURSE ASSIGNMENT SHEET OR AS MAY BE ANNOUNCED IN CLASS. NO ASSIGNMENT WILL BE ACCEPTED AFTER THE CLASS FOLLOWING THE ORIGINALLY SCHEDULED DUE DATE WITHOUT MAKING PRIOR ARRANGEMENTS WITH THE INSTRUCTOR.** You may return a test or quiz after the designated due date but no later than the beginning of the class in which the graded test or quiz is returned **ONLY IF** you make appropriate arrangements with the instructor **PRIOR TO OR WITHIN 24 HOURS** of the class during which the test or quiz is distributed. Notice may be provided by e-mail or phone message.

All graded assignments will be graded on a 100 percentage point scale. The final grade will be determined by totaling the percentage points the student earned in each category (exams & quizzes) and dividing that total by the total possible points for the respective category to produce a percentage value. That percentage will be multiplied by the weighted value for its category (60 or 40 points); the results for all categories then totaled and the resulting numeric value converted into a letter grade according to the following:

LETTER	BASE	-	+
A	93 - 100	90 - 92	NONE
B	83 - 86	80 - 82	87 - 89
C	73 - 76	70 - 72	77 - 79
D	63 - 66	60 - 62	67 - 69
F	BELOW 60 POINTS		

### Due Dates

Due dates are as shown in the attached assignment sheet(s) and are subject to change. Changes will only be announced in class. The student is responsible for maintaining currency on all assignment due dates. If a class is cancelled for some reason, expect to do the work and turn in any assignments associated with the cancelled class in the following session. The student may obtain an assigned test by postal mail (e-mail corrupts some content and may therefore not be available) and may return an assigned test by postal mail if and only if arrangements, including the student's mailing address, have been made with the instructor sufficiently far in advance (at least one week). Only students having previously submitted a disability release will be granted any accommodation (generally extended time or relocation) for in-class assignments. No accommodation will be given for take home assignments.

### Academic Honesty

All students are expected to adhere to the institutional policies pertaining to student conduct as describe in college catalog. Each graded assignment will include the following statement: "I have neither given nor received any assistance from or to any source or person not authorized by my instructor." Signed (and your signature). Violation of this agreement will result in the immediate removal from this course and a grade of F.

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### The DONUT CLAUSE

**CLASS POLICY: ALL PERSONAL ELECTRONIC COMMUNICATION DEVICES, INCLUDING BUT NOT LIMITED TO CELL PHONES AND PAGERS, ARE TO BE SWITCHED OFF OR SWITCHED TO THE SILENT OR VIBRATE MODE.**

BY REMAINING IN THIS CLASS AFTER THE DROP/ADD DATE **YOU AGREE** TO BUY A **DONUT** FOR EACH STUDENT IN THE CLASS IF ANY ELECTRONIC DEVICE “RINGS” DURING CLASS HOURS FOR EACH AND EVERY OCCASION SUCH DEVICE “RINGS”. (**CHRIS CLAUSE: THREE MUNCHKINS OR THEIR EQUIVALENT EQUAL ONE DONUT!**) . THIS PENALTY WILL NOT APPLY TO INDIVIDUAL CASES IN WHICH THE INSTRUCTOR IS INFORMED IN ADVANCE OF THE START OF CLASS OR UPON THE STUDENT’S ARRIVAL OF POSSIBLE CALLS BECAUSE OF AN EMERGENCY SITUATION. THE INSTRUCTOR WILL INFORM THE CLASS OF EACH SITUATION. ABSENT EXTREME CIRCUMSTANCES, AS DETERMINED BY THE INSTRUCTOR, STUDENTS ARE LIMITED TO TWO EMERGENCY SITUATIONS PER SEMESTER.

#### College Policies

THIS SYLLABUS IS A SUPPLEMENT OF AND IS SUBORDINATE TO THREE RIVERS COMMUNITY COLLEGE’S (TRCC) POLICY AND PROCEDURES DOCUMENTS – THE STUDENT HANDBOOK, THE COLLEGE CATALOG AND ALL OTHERS – EITHER PRINTED OR AVAILABLE ON THE COLLEGE’S WEB SITE. TRCC POLICIES AND PROCEDURES SHALL BE THE FINAL BASIS FOR RESOLVING ALL ISSUES PERTAINING TO THE STUDENT’S PARTICIPATION IN THIS COURSE AND SHALL OVERRIDE ANY CONFLICTING COMPONENTS OF THIS SYLLABUS, INCLUDING ANY ATTACHED DOCUMENTS.

#### Accommodations

Accommodations for disabilities, religious practices or other reasons will be granted in accordance with TRCC policies and procedures. The student is responsible for following those procedures and providing the instructor with the appropriate documentation necessary to provide the requested accommodation.

#### ATTACHMENTS:

- Course assignment sheet