KENT STATE UNIVERSITY

Management and Information Systems

TOTAL QUALITY MANAGEMENT (M&IS 44150) (Call 13869)
SEC 001
Fall 2004

Instructor: Aubrey L. Mendelow
E-Mail me at: almclev@aol.com

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GRADES Click hot link to view your grades!
Revised 07/12/2004

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Performance Requirements

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Total Quality Paper
WAC Specifications
Office: A407 New Business Administration Building

Telephone: Office: 6721161
Home: (216)5910851 7:00am to 10:00pm
(Monday through Sunday)

Office Hours: Monday & Wednesday 2:00pm - 3:00pm
5:00pm - 6:00pm and by appointment.

Secretary: Pam Silliman 672-1140

Class Times: Monday, Wednesday 3:20 p.m. to 4:35 p.m.

Class Location: 217 BSA

Required Texts: 1) Case packet from bookstore

2) Evans, J.R. and Lindsay, W.M., "The management and control of quality", (Sixth Edition) Thompson South-Western, 2005. (referred to as E&L)

3) Ohio Award for Excellence - Business Criteria (referred to as OAE)
   (Scroll down to "Criteria Guide for Business" click on the"Hot Link")

4) Articles on electronic reserve in KSU Library use password "tqm14" in lower case

Additional Readings: From time to time additional readings will be assigned for class discussion.
These readings will be placed on reserve in the Library.
Course Objectives: To provide the student with a perspective of the nature of organizations that have implemented Total Quality, and the challenges to be faced in implementing the process. This will allow the student to appraise an organization's operations and structures with a view to determining the chance of success of implementation.

To create an awareness in the student of the criteria used to assess quality in organizations.

To allow the student to contemplate the difficulties associated with successfully implementing managerial change within organizations to achieve a Total Quality environment.

Nature of the Course: The course will blend lectures and case studies to help you obtain a feel for the practical problems which managers face in formulating and implementing change in organizations.

Successful performance on this course thus demands that you study (not just read) the cases and readings, with a view to being able to put your point of view before the class. As a rule of thumb, be prepared to spend two hours of preparation for each hour in class.

Performance Evaluation: In practice, management issues relating to the implementation of Total Quality processes do not often have a single "right" answer. In evaluating your performance, my aim is to ensure that you are able to apply the concepts and techniques put forward in the course, in a logical and coherent fashion.
Your performance will be evaluated as follows:

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<td>Quality Journal</td>
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<td>Written Case Analysis (in lieu of midterm exam)</td>
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<td>Organizational Assessment (Group)</td>
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<td>Total Quality Paper</td>
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<td>Meetings of ASQ Student Chapter</td>
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100%

NOTE: No extensions will be permitted. You are expected to iron out any technical problems that you might have. E-mail assignments will ONLY be accepted by E-mail!

NOTE WELL: No extensions will be permitted. You will be subject to a late penalty of one letter grade for each 15 minutes (or part thereof) for which your assignment is late.

Results on this course: Based on the OUTPUT which you produce. Thus the amount of time that you put into preparing for class or for completing an assignment cannot be considered for grading purposes.

Academic honesty: Cheating means to misrepresent the source, nature, or other conditions of your academic work (e.g., tests, papers, projects, assignments) so as to get undeserved credit. The use of the intellectual property of others without giving them appropriate credit is a serious academic offense. It is the University's policy that cheating or plagiarism result in receiving a failing grade for the work or course. Repeat offenses result in dismissal from the University.

PREREQUISITES
M&IS24163 ADMS24163
BMRT11009 ADMS34163 Jr/Sr Standing
Students with disabilities:

In accordance with University policy, if you have a documented disability and require accommodations to obtain equal access in this course, please contact the instructor at the beginning of the semester or when given an assignment for which an accommodation is required. Students with disabilities must verify their eligibility through the Office of Student Disability Services (SDS) in the Michael Schwartz Service Center (672-3391).

Students have responsibility to ensure they are properly enrolled in classes. You are advised to review your official class schedule during the first two weeks of the semester to ensure you are properly enrolled in this class and section. Should you find an error in your class schedule, you have until Friday, September 3, 2004 to correct it with your advising office. If registration errors are not corrected by this date and you continue to attend and participate in classes for which you are not officially enrolled, you are advised now that you will not receive a grade at the conclusion of the semester for any class in which you are not properly registered.

Key Dates

- Syllabus Report: 9/1
- First journal article due: 10/4
- Written Case Analysis: 10/11
- Total Quality Organizational Analysis (1st Version): 11/17
- Organizational Assessment (Group Report): 12/6
- Total Quality Organizational Analysis (2nd Version): 12/8

Grade Equivalents: 90-100 A; 80-89 B; 70-79 C; 60-69 D; < 60 F
Introduction and Administrative Matters

9-1 2 Syllabus Review

TQM in Organizations - How is TQM different? E&L Chapter 1
OAE - Criteria: Core Values, Concepts, and Framework

*****Syllabus Report Due *****

9-6 3 Labor Day

9-8 4 PREPARE: Marks & Spencer, Ltd.

ISSUES FOR ANALYSIS:
a) What is your assessment of Marks & Spencer's operations?
b) On what assumptions is Marks & Spencer's approach based?
c) What actions would you recommend to Sir Marcus Sieff?

9-13 5 Human Resource Utilization - Policy

READ: E&L Pages 253 - 312
OAE - Section 5.0 Human Resource Focus
Criteria and Item Descriptions and Comments

9-15 6 PREPARE: Bull HN Brighton Facility

ISSUES FOR ANALYSIS:
a) Evaluate the potential employee reaction to the implementation of STRIVE
b) What would you recommend to Joel Beck?
9-20 7 FILM: In Search of Excellence

9-22 8 Human Resource Utilization - Team Building

READ: E&L Pages 262 - 269

9-27 9 EXERCISES: Team Building
Problem Solving

9-29 10 Leadership Demands of Total Quality

READ: E&L Pages 203-219
OAE - Section 1.0 Leadership - Criteria and Item Descriptions and Comments

Cocheu, T., "Building a leadership foundation through improvement", Quality Progress, April 1995, p 41-44.


10- 4 11 Strategies for Implementing Total Quality - The Quality Vision

READ: E&L Pages 219-252
OAE - Section 2.0 Strategic Planning - Criteria and Item Descriptions and Comments

*****First Quality Journal Due *****
PREPARE: Alliant Health System: A Vision of Total Quality

ISSUES FOR ANALYSIS:
a) Assess Alliant's strategy. Is it sound? What do they have to do well in order to succeed?
b) Would you proceed with the HELP system? What would you do to make sure that the effort was effective?

Strategies for Implementing Total Quality - From vision to action

READ: Bohan, G. P. "Focus the strategy to achieve results", Quality Progress, July 1995, p537-540.

************
* Written Case Analysis  *
* Due at Start of Class  *
* Today  *
************

Strategies for Implementing Total Quality ... Continued

PREPARE: Evans Food

ISSUES FOR ANALYSIS:
a) Evaluate the extent to which Cayey plant has progressed to becoming World Class.
b) Develop a strategy for Williams to assure that the efforts would become a way of life.
Survey: How Customer-Driven are you?

READ: E&L Pages 151-202

OAE - Section 3.0 Customer and Market Focus
Criteria and Item Descriptions and Comments

ISSUES FOR ANALYSIS:
a) Construct a profile for Paul, George and J.W. from the character traits you might infer from their behavior.

ISSUES FOR ANALYSIS:
a) Discuss the Approach, Deployment and Results adopted by the company in the areas of Human Resource Utilization and Leadership.
b) List and discuss the strengths and weaknesses that you identify.

ISSUES FOR ANALYSIS:
a) In your opinion, is UCS a Total Quality organization? Why? Or Why not?
b) How had UCS achieved this position?
c) How was the quality system developed?
11- 1  19  Quality in Product & Process Design & QFD

READ: E&L Pages 568 –578 & 615 - 618
Gopalakrishnan, K.N., McIntyre, B.E. and Sprague, J.C., "Implementing internal quality improvement with the house of quality", Quality Progress, September, 1992, p57-60.


11- 3  20  Customer Focus - Measuring and Achieving Satisfaction


PREPARE: The Ritz-Carlton: Using IS to Better Serve the Customer

ISSUES FOR ANALYSIS:
    a) Set out the role that information systems have played in giving the Ritz-Carlton the competitive edge.
    b) What further projects should Bruce Speckhals to future utilize information systems strategically?
ISSUES FOR ANALYSIS:

a) What challenges were faced by Bill Hybels, founder of the Church?
b) How did the founders meet the challenges?
c) What elements of TQ were applied to develop the Church
d) What are the challenges which the Church now faces?

Tracking Total Quality

READ: E&L Pages 371 - 430


PREPARE: Texas Instruments: Cost of Quality

ISSUES FOR ANALYSIS:
a) What factors led to the adoption of the COQ system? Why do you think the company chose to adopt a financial measure of quality? 
b) What are the strengths and weaknesses of the COQ concept? Compare COQ measurement to direct measures of quality such as yields, defect rates and statistical process controls?  
c) Of what value are the four quality cost categories? How can this information be used?  
d) What changes to the COQ should be made?

*************************
*     Total Quality Paper   *
*     First version due at Start   *
*     of Class   *
*     of Class   *
*************************

Process Improvement, Reengineering

READ: E&L Pages 313 - 369


OAE - Section 6.0 Process Management - Criteria and Item Descriptions and Comments
11-22  25  Library Day
Use this time for group meetings and to finalize your individual assignment.

11-24&25  26  THANKSGIVING

11-29  27  PREPARE: Rank Xerox U.K. (A) & (B)

ISSUES FOR ANALYSIS:
a) What was the relationship of Vern Zelmer's vision for the transformation of Rank Xerox and the reengineering initiative?
b) What do you find unique or innovative about the reengineering approach and design?
c) What is your opinion of the considerations that Zelmer and his management team?

12- 1  28  FILM: The power of vision - (Barker)
FILM: The Business of Paradigms

12- 6  29  Failures to implement Total Quality

READ: E&L Pages 431 - 476


***********************************************************************
* Organizational Assessment  *
* Due at Start of Class  *
***********************************************************************
**PREPARE: John Smithers: Change Agent**

**ISSUES FOR ANALYSIS:**
- a) Analyze the approach to change taken by this company.
- b) Was Smithers effective?
- c) What should he have done differently?

***************
* Total Quality Paper *
* Finally due at Start *
* of Class *
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**12-13 Course Wrap-up**

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APPENDIX 1

Class Participation 15%

You will be expected to participate in class discussions by exhibiting an understanding of the facts and issues presented in either the text or case. You must feel free to give your views to the class on the topic under discussion. Of course you will have to substantiate your point of view. In addition any workplace experiences which have a bearing on the discussion will be considered valuable.

OBVIOUSLY YOU WILL BE UNABLE TO PARTICIPATE IN CLASS DISCUSSIONS IF YOU DO NOT ATTEND CLASS!
Instructor Meeting 3%

The purpose of this requirement is to enable me to get to know you. A schedule is being circulated for you to reserve a 15 minute appointment. We will meet in my office, and shoot the breeze!

I look forward to meeting you!
Syllabus Report 2%

Due date: 9/01/2004 before start of class. E-mail your report to amendelo@bsa3.kent.edu TO REACH ME NO LATER THAN 3:00PM on 9/01/2004. Reports reaching me later than that time will be ignored.

The purpose of this assignment is to encourage you to locate the syllabus on the web-site and to read it. Also I want you to get used to using the E-mail facility.

Assignment:-

In light of reading the syllabus, please answer the following questions. In your answers, please be as specific as possible.

a) What is your gut reaction to it? What do you look forward to doing? What aspects represent a challenge to you?
b) What inconsistencies, if any have you spotted?
c) What suggestions do you have to improve the presentation of the syllabus?

Length: Maximum length 1 typed page (Double Spaced)

Format: Please place the following information in the "Subject" area of your e-mail

Last Name, First Name, Syllabus Report

E-mail without this content in the Subject area will be ignored

Click here to go back to the index
Quality Journal

You are required to keep a Journal. This Journal will record your thoughts and reactions to various press articles, which are NOT MORE than 2 WEEKS old. The Journal entries should include a clear bibliographic reference to the article.

E-mail your journal to amendelo@bsa3.kent.edu TO REACH ME NO LATER THAN 3:00PM on the day it is due. Journals reaching me later than that time will be ignored.

Record your reactions to the article from a quality perspective. Also, include any other thoughts you might have about quality. Be sure to make a CLEAR connection between the elements of the article and TQ.

I will start collecting your journal entries on Wednesdays, starting from 10/4 and ending on 11/15.

Format: Please place the following information in the "Subject" area of your e-mail

**Last Name, First Name, JNL #**

E-mail without this content in the Subject area will be ignored
APPENDIX 5

Written Case Analysis

KENT STATE UNIVERSITY
Management and Information Systems

TOTAL QUALITY MANAGEMENT (M&IS 44150) (Call 13869) SEC 001

Fall 2004

Due date: October 11, 2004 at the start of class, in the classroom

Read the case "Lincoln Electric 1985" and answer the following questions:

1. Discuss the Approach, Deployment and Results adopted by the company in the areas of Human Resource Utilization and Leadership. List and discuss the strengths and weaknesses that you identify.

2. Identify key issues and make recommendations for their resolution.

Format: Follow the guidelines set out in Appendix 6 & 7.

Length: Maximum length 5 typed pages (Double Spaced) EXCLUDING appendices.

Click here to go back to the index
Your Report must be composed of the following sections:

A. A **cover page** bearing the company name, your name and a list of issues considered by the report. Appendix 7 gives an example of a cover page.

B. The **body of the report**, which must adhere to the following:

   i. It must contain several levels of headings:

   Main Headings should be used to designate the major sections of your report; four to six main headings should be sufficient for your report. Initial headings such as "Introduction" are not necessary. Main headings should be centered, and the letters are all to be capitalized. The heading is not underlined, and no period is used at the end.

   Example:

   **MAIN HEADING**

   Secondary headings should be typed flush to the left margin, with major words beginning with capitals. The heading should not be underlined and should be on a line of its own.

   Example:

   **Secondary Heading**

   ii. It must be free of spelling errors.

   iii. It must be grammatically correct.
iv. It must include specific recommendations. Generalities will not be acceptable.

v. Appendices must be used for ALL tables and diagrams.

vi. Sources must be acknowledged in the text by quoting the author(or periodical), and the year in which the article or periodical appeared, in parentheses. For example: Several studies (Adams, 1974; Brown & Haley, 1975; Collins, 1976) support this conclusion.

    Page numbers are included only to designate the source of a direct quotation. Bloggs has said that the MBA "is a most worthwhile qualification"(1974, p.3)

Footnotes must NOT be used.

C. The appendices.

Each appendix must be labeled as follows:

    Appendix number centered at the top of the page

    A short identifying title of the appendix immediately below the appendix number.

D. The bibliography listing all the sources quoted in the body the text in alphabetical order by author. The bibliography must be titled as such and must be centered. The contents of the bibliography must comply the following standards:

i. For books: Author's last name, initials. "Title of the Book", State if necessary to identify the city: Name of publisher, year of publication.

ii. For periodicals: Author's last name, initials. "Title of article or paper". Name of Publication, year, volume number, page numbers.

iii. For Internet references:- Give the name of the Web page and its URL (Internet address)

________________________________________________________

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APPENDIX 7
Example of a cover page

(Top of Page)


_______________________________________________________

A. N. OTHER

THE ABC COMPANY

by

A. N. OTHER

Prepared For:  (Class Name)

(Date)

Issues considered:

1. Issue 1.
2. Issue 2.
3. Issue 3.
n. Issue n.

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APPENDIX 8
SPECIFICATIONS FOR GROUP PROJECT ON ORGANIZATIONAL ASSESSMENT

Due Date: Start of class on 12/6/2004

Arrange to contact the top management of an organization, a division of an organization or a department of an organization. Conduct a series of interviews in which you obtain information about:

a) The organization's Leadership
b) The extent to which it uses Information and analysis for monitoring and improving quality
c) The existence and use of Strategic Quality Plans
d) The Human Resource Focus in pursuit of quality
e) Process Management to assure Quality of Products and Services
f) The tracking of Business and Quality Results for business purposes.
g) The use of Customer and Market Focus measures

ASSIGNMENT

a) Write a report to management in which you set out your findings.

THE REPORT

Your report must be composed of the following sections:

a. A cover page bearing the company name, your name and a list of issues considered by the report. Appendix 7 gives an example of a cover page.
b. The body of the report must have the following headings:

- KEY ISSUES
- ALTERNATIVES
- ALTERNATIVE (PROS & CONS)
- RECOMMENDATIONS
- IMPLEMENTATION CONSIDERATIONS

c. An individual Appendix, in which you use not more than TWO pages to describe the situation for each of the topics set out below. After the description discuss the Strengths and Weaknesses in relation to Approach, Deployment and Results which you found in the organization as related to the following topics:-

- Leadership
- Information and Analysis
- Strategic Planning
- Human Resource Focus
- Process Management
- Business Results
- Customer and Market Focus

d. The bibliography listing all the sources quoted in the body of the text in alphabetical order by author. The bibliography must be titled as such and must be centered.

Overall Length: Not to exceed 25 typewritten pages (Double Spaced) EXCLUDING appendices and charts.

REMEMBER!

i) Make specific recommendations as to how management might address the shortcomings which you find.

ii) Include the group grade form (APPENDIX 10) filled out according to the instructions in APPENDIX 9.

iii) INCLUDE THE NAME AND ADDRESS OF THE CONTACT PERSON IN THE ORGANIZATION IN WHICH THE ASSIGNMENT IS EXECUTED ON THE GROUP GRADE FORM.

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APPENDIX 9

SPECIFICATIONS FOR GROUP ASSIGNMENTS

Early in this course you will be split into working groups each of which will be given a number. The composition of these groups will remain fixed for the duration of the course. The groups will be required to complete the organizational diagnosis assignment (Appendix 8).

Every group will nominate a spokesperson who will be responsible for coordinating the group's activities. It is IMPORTANT that each member of the group participates in the actual interviews and in the preparation of your report.

NOTE: Each group will be required to submit a recommendation regarding the percentage of the group grade that each member of the group should receive. This percentage should depend on the effort that the specific member put into the preparation of the presentation. Thus, for instance, where a group is awarded say 80% for their presentation, each member would ordinarily receive 80%. However the spokesperson of the group may receive up to an extra 20% of the grade in recognition of his efforts in managing the group. Again, Bloggs, might not have participated in group meetings. In this event the group might decide to award Bloggs say 50% of the group grade. So the spokesperson would receive 96% for the presentation, and Bloggs only 40%. These allocations will be determined on a pure majority basis. Appendix 10 is the form that must be handed to me before each case or industry presentation, detailing the group's decision in respect of the grade allocation.

NOTE: The instructor will have NO part in settling group disputes the opinion of the majority of the group will be upheld.
APPENDIX 10

GROUP RECOMMENDATION FOR GRADES PERTAINING TO GROUP PROJECT

GROUP NUMBER ___

ORGANIZATION NAME___________________________

NAME OF CONTACT PERSON IN ORGANIZATION ___________________________

ORGANIZATION ADDRESS  ______________________________  

_________________________________________________________________

____________________ZIP_________PHONE #_________________

GROUP SPOKESPERSON_______________________

GRADE_____

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This is the assignment that qualifies this course as a writing intensive course. According to University requirements, you will have the opportunity to submit two versions of this paper. The first version of the paper should be presented in final form, as if you are turning it for final grading. I will not evaluate hand-written papers, nor papers which are clearly in draft format. I will evaluate the first version. You will then have the opportunity to submit a second version for final grading. Should you fail to submit the first version, or submit it in hand-written form or as a draft, you will not be given the opportunity to submit an assignment on the final due date.

First version due: 11/17/2004

Final due date: 12/8/2004 at the start of class, in the classroom.

The aim of this paper is to enable you to see that the topics which we discuss in class have a bearing on real world events. Approach FIVE of the most senior people within the same organization of your choice. Explain to them the definition of a Total Quality Organization:

**Definition of a Total Quality Organization**
An organization which conducts a customer focused strategy involving all employees in continuous improvement to achieve world class customer satisfaction, employee well being and business results.

**Some examples of operations of a Total Quality Organization**
- Cycle time reduction more then 50% in 5 years
- Revenue per employee - $250,000 per year
- Self assessment of High Performance Status
- 10 days of formal training per employee per year
- 20% overall cost reduction over the last 5 years
- 98% on-time delivery
Try to get a verbatim rendering of their answers to the following questions:

A) What are the barriers you would foresee to changing your organization to Total Quality?

B) What do you believe the advantages would be if your organization changed to Total Quality?

C) What do you believe the disadvantages would be if your organization changed to Total Quality?

**THE ASSIGNMENT**

Write a paper in which you discuss the barriers, advantages and disadvantages of changing your organization to a Total Quality Organization. Set out, and discuss, a series of action plans which you believe would have the effect of achieving the desired changes.

Your paper should comprise the following under FIVE separate headings, excluding appendices:-

1. Discussion of barriers to Total Quality in the organization of your choice
2. Discussion of advantages of Total Quality in the organization of your choice
3. Discussion of disadvantages of Total Quality in the organization of your choice
4. Action plan to achieve Total Quality in the organization of your choice
5. Discussion of the action plan, indicating how it will address the barriers which you have discovered

6. The following Appendices:-
   - Organizational Description
     - Name of Organization
     - Type of product/service produced/offered by the Organization
     - Major SIC code of the organization
     - Number of people employed at the site you selected
     - Number of hourly paid people employed at the site you selected
     - Are people represented by any unions - If so which unions
     - Contact person and telephone number
   - Background to respondents
     - Respondent number
     - Number of years with the organization at this site
     - Title
     - Department
     - Number of people that they are supervising
- Responses to the questions:

  This should comprise three tables in the following format:

  I  
  RESPONDENT # | BARRIERS

  II  
  RESPONDENT # | ADVANTAGES

  III  
  RESPONDENT # | DISADVANTAGES

The paper should be a minimum of 15 and a maximum of 25 typed, double-spaced pages (Standard 12-point font).

N.B. REFER TO APPENDIX 6 FOR THE FORMAT IN WHICH THE PAPER HAS TO BE PRESENTED

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<td>LEADERSHIP - STRENGTHS &amp; WEAKNESSES</td>
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