TMGT 595-208 Applied Research in Engineering & Technology
Course/Assignment Grading Rubrics

Below are screen captures directly from the instructor's gradebook spreadsheet showing exactly how grades will be determined.

The shaded line in each section is the "test student" showing maximum scoring achievement and resulting grade calculations.

Course Grade calculation rubric…

COURSE GRADE	COURSE SCORE %	EARNED POINTS 1000	Quizzes - 150pts = 15 @ 10pts each Tot 150pts	#1 10	#2 10	#3 10	#4 10	#5 10	#6 10	#7 10	#8 10	#9 10	#10 10	#11 10	#12 10	#13 10	#14 10	#15 10	Discussion Forums Total 100	Intros 10	Dis. 1 20	Dis. 2 20	Dis. 3 20	Dis. 4 20	Dis. 5 10	Assn. #1 Effective Communication 25	M #1. Research Planning Y/N	M #2. Reference List 100	Assn. #2 4.2 Reading Guides 100	A#3 Case Study Analysis 25	M #3. Intro. & Rev. of Lit. Y/N	M #4. Methods, Results, & Disc. Y/N	M #5. Abstract 100	M #6. Final Manuscript 400
A	100.0%	1000.0	150	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	100	10	20	20	20	20	10	25	N/A	100	100	25	N/A	N/A	100	400
		1000 pts	150pts	10 pts Wk.1	10 pts Wk.1	10 pts Wk.2	10 pts Wk.2	10 pts Wk.3	10 pts Wk.3	10 pts Wk.4	10 pts Wk.4	10 pts Wk.5	10 pts Wk.5	10 pts Wk.5	10 pts Wk.6	10 pts Wk.6	10 pts Wk.7	10 pts Wk.7	100 pts	10 pts Wk. 1	10 pts Wk. 2	10 pts Wk. 3	10 pts Wk. 4	10 pts Wk. 6	10 pts Wk. 7	Wk. 2	Wk. 3 9/13/2020	Wk. 4	Wk. 4	Wk. 5	Wk. 5 9/27/2020	Wk. 6 10/4/2020	Wk. 7	Wk. 8

GRADE	SCORE %	POINTS			
A	89.50%	900 - 1000	Discussion Forums	Ugrad institution & Major	10pts for completion of all 6 responses, no "incorrect" answer.
B	79.50%	800 - 899	Quizzes	Employment and/or goals	
C	69.50%	700 - 799	Reading Research Reports	Introduction statement	
D	59.50%	600 - 699	Abstract	Photo Maintaining Integrity in Research	
F	0.00%	0 - 599	Reference List	Manuscript Abstracts	
			Final Manuscript	Data Driven Decision Making	
				Crediting Sources	

Applicable scores on the grading rubrics below are linked to the Course Grade calculation rubric above. Rubrics are subject to revision. Students will be notified of any changes in assignments.

Discussion grading rubrics for Discussions 1-4…

Total	Primary Post M-W	Response Posts Resp #1	Resp #2	Source #1 (Primary Post) Cited	Reference	Source #2 Cited	Reference	Level of Analysis - Primary High	Med	Low	Level of Analysis - Responses High	Med	Low	Comments
20	1	1	1	1	1	1	1	1			1			
(X 2)	(x 2)													

Enter "1" under each category that is completed and/or reflects the level of work accomplished. Total score will be calculated automatically.

Primary Level of Analysis

Primary High - Exceeds information in the textbook and/or course materials and includes application, personal experiences, deductive reasoning, etc.

Primary Med - A portion exceeds information in the textbook and/or course materials and includes a cursory attempt to show application, personal experiences, deductive reasoning, etc.

Primary Low - Does not exceed information in the textbook and/or course materials with no attempt to show application, personal experiences, deductive reasoning, etc.

Secondary Level of Analysis

Secondary High - Responses go beyond "I agree/disagree" statements and includes additional information or follow up questions to encourage the continuation of the conversation

Secondary Med - A portion of responses go beyond "I agree/disagree" statements with a cursory attempt to provide additional information or follow up questions to encourage the continuation of the conversation

Secondary Low - Responses tend to be "I agree/disagree" statements with minimal or no attempt to provide additional information or follow up questions to encourage the continuation of the conversation

GRADING RUBRIC	
Active Participation	
1 point:	Main post to discussion topic between **Monday - Wednesday**
1 point:	1st response to another student's post on or before **Sunday**
1 point:	2nd response to another student's post on or before **Sunday**
Content	
1 point:	One source (#1) used to support information in the main post. Source must be cited.
1 point:	One source (#1) used to support information in the main post. Reference provided in the main post.
0.5 point:	One source (#2) used to support information in the main or response post. Source must be cited.
0.5 point:	One source (#2) used to support information in the main or response post. Reference provided.
1 point:	High Level of Analysis - Primary
0.5 point:	Med Level of Analysis - Primary
0.25 point:	Low Level of Analysis - Primary
2 point:	High Level of Analysis - Responses
1 point:	Med Level of Analysis - Responses
0.5 point:	Low Level of Analysis - Responses

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Manuscript Assignment #1: Research Planning

NOT a separately graded assignment; however, credit for submission of Journal's Author Guidelines is included in the M5 Abstract assignment.

All Parts Completed as Specified	Approved? Yes/Revise/No	Research Planning Activity					
		Part 1: Topic	Part 2: Research Question	Part 3: Journal	Journal Link	Part 4: Author Guidelines submitted?	Author Guidelines link (if available)
10						Y/N	
0-10							

Scores used on M#5 Abstract Notify student if any of these proposed items cannot be approved.
Score may be reduced for late
or improper submission.

Assignment Part 1: Select a research topic related to the technology management, safety, or management information systems (MIS) field (must be approved by the instructor).
Assignment Part 2: Compose a research question based on the selected topic.
Assignment Part 3: Investigate and identify a journal or professional publication that is applicable to the selected research topic and would be a potential publication for the manuscript developed in the course (must be approved by the instructor). Include a web address for electronic journals.
Assignment Part 4: Locate and submit the author's guidelines for the selected journal. The guidelines provide the publication criteria, such as allowable length of the paper, allowable word count for the abstract, required font, format for the reference list, etc.

Manuscript Assignment #2: Reference List

Total Score (Max 100 pts)	Number of references	Score	Number of qualified sources	Score	Reference Content*							Score	Page Format*				Score	Notes
					Author	Date	Title	Pub Info	Page #	URL (opt)	Format errors**		Dbl Space	Title	Title Format***	Font		
100	15	20	10	10	1	1	1	1	1	1	0	60	1	1	1	1	10	

15 minimum external sources.
10 minimum from peer-reviewed scholarly journals.
Wikipedia and other related web sites/sources are not appropriate and do not count.

*** Per APA, "References" is boldface (new in 7th ed), upper- & lower-case, and centered on the first line.

* "1" in the column indicates element present and/or correctly executed in entries.
** The number of "format errors" is not a total count but the number of category format errors.

Manuscript Assignment #5: Abstract

Abstract Score	Abstract Submitted? Y = Yes blank = No	Appropriate Planning M#1 - Research Planning	Meets submission deadline Abstract Deadline	Adheres to APA Style Format Errors*	APA Score**	Grammar, Spelling, & Punctuation G,S,&P Errors	G,S,&P Score***	Content & Organization Scores Accurate	Coherent & Readable	Concise	Word Count	Page Format	Notes
100	Y	10	20	0	10	0	10	10	10	10	10	10	

Due: Wk. 7 - Sun. Oct. 11, 202
Wk. 3, Assign. M#1 ...from M1 Research Planning
Wk. 7 - Sun., Oct. 11, 2020 credit reduced 2pts per day late.
150-250 words
-1 per each 5 words over or under

*The number of "format errors" is not a total count but the number of category format errors. Includes: Line spacing
**APA Score = [10 - (Format Errors * 5)]
***G,S,&P Score = IF G,S,&P Errors <= 5, then score = 10, else score = [10-(G,S,&P Errors)]
"Abstract" appears centered, boldface (new in 7th ed), upper- and lower-case.
No indent
Double-spaced
Times Roman typeface
1-inch margins
Can include running head (all caps) and page number (2) In top margin.

Manuscript Assignment #6: Final Manuscript

Final Score	Manuscript Submitted? blank = Yes N = No	Components meet submission deadlines M#3 Intro & Lit Rvw Deadline	M#4 Mthd, Rslt, Concl Deadline	M#6 Final Deadline	Adheres to APA Style Format Errors*	APA Score**	Grammar, Spelling, & Punctuation G,S,&P Errors	G,S,&P Score***	Word Count #	Word Count Score	Title Page Errors	Title Page Score	Organization Errors	Organization Score	Total Number of Sources	Total Sources Score	Number of Peer-Review Sources	Peer-Review Sources Score	Completeness Score	Citation/Ref Errors	Citation/Ref Score	TurnItIn Similarity Score %	Originality Score	Title	Feedback
⬆ 400	Y	15	15	20	0	50	0	50	2750	30	0	20	0	50	15	30	10	20	30	0	50	0%	20		

Due: Wk. 8 - Mon. Oct. 1
Wk. 5 - 9/27/20
Wk. 6 - 10/4/20
Wk. 8 - 10/12/20
... credit reduced 10pts per day late.

2500-3000
length of the paper excludes the title page, reference list, tables,
enter word count to enable final score

15 credible 2 pts. Each
Number actually used.

10 peer-review 2 pts. Each
Number of peer-reviewed of those used, and listed in References.

see guide below Cap at 10

*The number of "format errors" is not a total count but the number of category format errors.
**APA Score = [50 - (Format Errors * 5)]
***G,S,&P Score = IF G,S,&P Errors <= 5, then score = 50, else score = [50-(G,S,&P Errors - 5)]
Headings (APA 3.03) - 1st four levels bold, except Abstract & References.

- Title page
- Abstract
- Introduction, including a literature review
- Methods
- Results/Findings
- Conclusions/Discussion
- References -10pts for each missing or out of order section

27 - 30 pts	Completeness in covering topic and question answered; evidence of substantial research
24 - 26 pts	Topic was adequately covered and question answered; evidence of adequate research
21 - 23 pts	Nominal coverage of topic and question not fully answered; evidence of minimal research
18 - 20 pts	Topic coverage was incomplete and question not answered; evidence of limited research
0 - 17 pts	Inadequate coverage of topic and question not addressed; little or no evidence of research

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Assignment #1 (2.0): Effective Communication

Score*	On Time	Directions Followed	Functional Description of Tech Mgmt	Reason for Degree Choice	Expected Career Impact	Notes
25	5	5	5	5	5	
25	Due: Wk. 2 - Sun, Sept. 6, 2020					

*Score = (On Time) + (Directions Followed) + (Functional Description) + (Reason for Degree Choice) + (Expected Career Impact)

On Time: "5" for meeting deadline; 1 deduction for each day late.
Correct filename, submission location, length, format, etc.
Provide a functional description/definition of technology management. (This should not be cut and pasted from a website.)
Why you chose to pursue this degree and…
what impact will this degree have on your career?

Assignment #2: Reading Guides (-aka- Reading Research Reports)

12-Step Reading Guides

Score*	On Time	Part 1 Form 7.1 Citation	Part 1 Form 7.1 Sections	Part 2 Form 11.1 Citation	Part 2 Form 11.1 Sections	Part 3 Form 13.1 Citation	Part 3 Form 13.1 Sections	Notes
100	1	1	11	1	11	1	8	
100	Due: Wk. 4 - Sun., Sept. 20, 2020							

*Score = (On Time x 10) + (7.1 Citation x 10) + (7.1 Sections Completed) + (11.1 Citation x 10) + (11.1 Sections Completed) +(13.1 Citation x 10) + (13.1 Sections Completed)
Note: Additional points may be deducted for failure to follow directions, etc.

On Time: "1" for meeting deadline; 0.2 deduction for each day late
Citations: "1" for full citation; deductions taken for missing elements
7.1 Sections Completed: Sections 2-12, 2 pts per section, possible 22
11.1 Sections Completed: Sections 2-12, 2 pts per section, possible 22
13.1 Sections Completed: Sections 2-9, 2 pts per section, possible 16

Form 7.1 & 11.1	Form 13.1
1. Citation	1. Citation
2. Purpose & General Rationale	2. Purpose
3. Fit & Specific Rationale	3. Selection
4. Prticipants	4. Quality
5. Context	5. Organization
6. Steps in Sequence	6. Data
7. Data	7. Analysis
8. Analysis	a. Problems related to kind of question asked
9. Results	b. Technical difficulties
10. Conclusions	c. Need for additional research
11. Cautions	8. Integration
12. Discussion	9. Summary
	10-13 not included in this exercise…

Assignment #3 (5.1): Case Study Analysis

Score*	On Time	Directions Followed	Clear and Complete Response to Case Question	Notes
		Case Study Analysis		
25	5	5	5	
		x 2	x 2	
25	Due: Wk. 5 - Sun., Sept. 27, 2020			

*Score = (On Time) + (Directions Followed) + (Functional Description) + (Reason for Degree Choice) + (Expected Career Impact)

On Time: "5" for meeting deadline; 1 deduction for each day late. Blank = not submitted.

Case information included, 2-3 pages, APA Format used, submitted correctly with appropriate file name, etc.

Quality and completeness of response, grammar, spelling, etc.