		C	ourse Title	Spreads	heet Mc	deling &							
			Course		OPRE 63	32							
			Term		Fall	2016							
					Section		Day	Tiı	me		Lo	ocation	
					001		Wed	4:00	-6:45	PM	JSOM 2.1		6
					501		Thu	7:00	-9:45	PM	JSOM 2.106		6
					502		Fri	7:00	-9:45	PM	JSOM 2.717		
			Professor		Kannan	Ramana	than						
Protess	sor's Contact	Information			(070) 5-								
					(972) 883-5953								
					JSOM 3.622								
					Kannan.Ramanathan@UTDallas.Edu Thursday 5:30 - 6:30 PM (by appointment only)								
				Hours	Thursda	y 5:30 -	0:30 PIVI (ру арроіп	tment of	11 y)			
Teachir	ng Assistant's	Contact Info	ormation										
100.0111	1, 1001010111110			Name	Po-Ting	Као							
			Email A		-	pxk154330@uto		du		+			
			Email,		JSOM 2.604								
			Office	e Hours		3:00	4:00	PM					
					TUE	4:00	5:00	PM					
Teachir	ng Assistant's	Contact Info	ormation										
				Name	Kathires	an, Dine	sh						
	Email Address						du						
	Office			JSOM 2.	604								
			Office	e Hours	THU	3:00	4:00	PM					
					FRI	3:00	4:00	PM					

Course Description												
decisio effectiv such as sensitiv and fin	on making. N ve spreadshe s optimizatio vity analyses, vance are exa	ces the basic concepts of ficrosoft Excel (Version 2 eet design and use, and s n. Students build spread , and analyze the impact mined. Note: This is a ass, and to complete hor	2013, Wir students a dsheet m t of uncer a fun, but	ndows En acquire ki odels to i rtainty. A demandi	nvironmer nowledge identify cl application ing, cours	nt) is used e about sp hoices, fo ns in supp e. Each w	d to build becific deo ormalize tr bly chain r veek, you	models. cision ma rade-offs, managem should b	The cour king tech , specify c nent, tran ne able to	se covers niques fo constrain sportatio	s concep or busine ts, perfo on, mark	ts in ess, orm eting
<u>Learnir</u>	ng Objectives											
	At the conc	lusion of this course, the	e student	should:								
	1	be able to identify the	conceptu	al structu	ire of a d	ecision or	[.] planning	problem				
	2	understand the logic as	ssociated	with the	compone	ents and p	process of	f model d	evelopm	ent		
	3	assess the significance	and limit	ations of	model oı	utputs for	manager	ial insigh	ts and ac	tion		
	4	appreciate the power a	and limita	tions of N	VIS Excel	in modeli	ng					
	5	appreciate the potentia	al of man	agement	science i	n address	ing mana	gement i	ssues			
Requir	ed Text										4	L
Introduction to Spreadsheet Modeling and AnalyticsBook will be available at UTD bookstore.Seventh Edition, by Kannan RamanathanBook will be available at UTD bookstore.												
	Three copies of the book will be on reserve in the library											
Also Re	equired:											
	Excel 2013 or 2016 Flashdrive - with at least 0.5 GB											
•	(Windows Platform - Any version)											
you ca	you can use a Mac; but I am not familiar with Mac											
		<u> </u>	<u>Note: ma</u>	<u>ke sure y</u>	<u>ou have E</u>	xcel 2013	<u>3 or 2016</u>					

<u>Assign</u>	ments & Aca	demic Calend	dar										
	-		dule, which I will try to follow as closely as possible.										
hould	any change		cessary, I will announce it in class and by email sent to your UTD email address.										
		1	EACH QUIZ AT THE TESTING CENTER, You MUST RESERVE YOUR SEAT										
	Day	Date											
1	Wed	Aug-24	Chapters 1 through 6										
	Thu	Aug-25	Getting started with Excel; the command system; the file system; navigation; working with data										
	Fri	Aug-26	referring to data										
2	Wed	Aug-31	Chapters 7 through 9										
	Thu	Sep-01	Validating data; naming cells; protecting and backing up data										
	Fri	Sep-02											
		000 02											
3	Wed	Sep-07	Quiz 1 - Chapters 1 through 9 - at Testing Center, McDermott Library Basement										
	Thu	Sep-08	Section 001 can take the quiz between 3:00 and 5:00 pm Section 501 and 502 can take the quiz between 6:00 and 8:00 pm										
	Fri	Sep-09	Come to class after Quiz										
			Section 001 will start at 5:15 nm										
4	Wed	Sep-14	Review of Quiz 1										
	Thu	Sep-15	Chapter 12 through 15										
	Fri	Sep-16	Date and time functions; Lookup and reference functions; Logical functions										
5	Wed	Sep-21	Quiz 2 - Chapters 1 through 12 - at Testing Center, McDermott Library Basement Section 001 can take the quiz between 3:00 and 5:00 pm Section 501 and 502 can take the quiz between 6:00 and 8:00 pm										
	Thu	Sep-22	Come to class after Quiz										
	Fri	Sep-23	Soction 001 will start at E-1E nm Soction E01 and E02 will start at 8-1E nm Chapters 16 through 17. We will start on Chapter 18.										
		000 10	Information functions; String functions; Introduction to time value of money										
Home	Work Due by	v 11:30 PM.	HOMEWORK TO BE ANNOUNCED										
	y before nex		You MUSTbring your completed homework on a flash drive										
			You will need to do this for each homework assignment										
6	Wed	Sep-28	Review of Quiz 2										
	Thu	Sep-29	Chapter 18										
	Fri	Sep-30	Finance Functions										
Home	Work Due by	y 11:30 PM,	HOMEWORK TO BE ANNOUNCED										
the da	y before nex	t class	You MUST bring your completed homework on a flash drive										
			You will need to do this for each homework assignment										

7			Mid-Term										
			Testing Center, McDermott Library Basement										
			No class today after mid-term										
	Wed	Oct-05	Section 001 - can take Mid-Term between 3:15 pm-7:00 pm on Oct 5th										
	Thu	Oct-06	Section 501 - can take Mid-Term between 6:00 pm-9:00 pm on Oct 6th										
	Fri	Oct-07	Section 502 - can take Mid-Term between 6:00 pm-9:00 pm on Oct 7th										
	•		No class today after mid-term										
8	Wed	Oct-12	Review of MidTerm. This review is your only opportunity to discuss questions relating to the										
	Thu	Oct-13	MidTerm. Do not miss this review as I will not discuss the MidTerm later or during office hours.										
	Fri	Oct-14											
			Chapter 19 Spreadsheet modeling and What-If analyses										
9	Wed	Oct-19	Quiz 3 - Chapters 1 through 18 - at Testing Center, McDermott Library Basement										
	Thu	Oct-20	Section 001 can take the quiz between 3:00 and 5:00 pm Section 501 and 502 can take the quiz between 6:00 and 8:00 pm										
	Fri	Oct-21	Come to class after Quiz										
	FII	000-21	Continue 001 will show at 5.15 mm. Continue 501 and 502 will show at 0.15 mm										
			Chapter 20, Introduction to Optimization										
Home	Work Due by	/ 11:30 PM,	HOMEWORK TO BE ANNOUNCED										
the da	y before nex	t class	You MUST bring your completed homework on a flash drive										
10	Wed	Oct-26	Review of Quiz 3										
	Thu	Oct-27	Discussion of homework										
	Fri	Oct-28	Discussion of modeling problems										
Home	Work Due by	/ 11:30 PM,	HOMEWORK TO BE ANNOUNCED										
the da	y before nex	t class	You MUST bring your completed homework on a flash drive										
11	Wed	Nov-02	Quiz 4 - Chapters 1 through 20 - at Testing Center, McDermott Library Basement										
	Thu	Nov-03	Section 001 can take the quiz between 3:00 and 5:00 pm										
	Fri	Nov-04	Section 501 and 502 can take the quiz between 6:00 and 8:00 pm										
			Come to class after Quiz										
			Section 001 will start at 5:15 pm Section 501 and 502 will start at 8:15 pm										
			Chapters 21 through 22										
			Filters, pivot tables										
Home	Work Due by	/ 11:30 PM,	HOMEWORK TO BE ANNOUNCED										
the da	y before nex	t class	You MUST bring your completed homework on a flash drive										

University of Texas at Dallas - School of Management

12	Wed	Nov-09	Review o	Review of Quiz 4										
	Thu	Nov-10	Discussio	on of hom	nework									
	Fri	Nov-11	Chapter	Chapter 23 Introduction to Visual Basic for Applications										
			Introduc											
			You MUS	ST bring v	our com	oleted ho	mework	on a flasł	n drive					
	I			· · · · · · · · · · · · · · · · · · ·		T		r	1			1		
13	Wed	Nov-16	Quiz 5 - (Chapters	21 - 22 at	t Testing	Center, N	lcDermo	tt Library	Basemer	nt			
	Thu	Nov-17	Section (Section 001 can take the quiz between 3:00 and 5:00 pm Section 501 and 502 can take the quiz between 6:00 and 8:00 pm										
	Fri	Nov-18												
			Come to	Come to class after Quiz										
				ection 001 will start at 5·15 nm Section 501 and 502 will start at 8·15 nm										
			Chapter	23										
			Introduc	tion to Vi	sual Basi	c for Appl	ications (conclude	ed)					
			Review o	Review of final										
14	Wed	Nov-23		Fall & Thanksgiving Break										
	Thu	Nov-24		No Class										
	Fri	Nov-25												
-														
			Final - Te	esting Cer	nter, McD	ermott L	ibrary Ba	sement						
15	Wed	Nov-30	Section (001	- can take Final between 3:15 pm-7:00 pm on Nov 30th									
	Thu	Dec-01	Section 5	501	- can take Final between 6:00 pm-9:00 pm on Dec 1st									
	Fri	Dec-02	Section 5	502	- can ta	ke Final b	etween 6	5:00 pm-9	9:00 pm o	on Dec 2n	d			
-														
presen articula	tations, of m ate your argu	on learning- naterials fron uments in cla	n the textbo iss discussio	ook. My ir ons clearly	ntent is to y and con	o help you icisely. St	u think th udents a	rough th re expec	e issues i ted to rea	n a given Id the ass	context, a	and to l	help you	
coming	g to class, an	d to attend a Attendance								n below:	8%			
		Quiz 1	rionewor	k assignin	ients/pre	sentation	y ciass pa				8%			
		Quiz 1 Quiz 2	1			<u> </u>					8%		+	
		Quiz 2 Quiz 3	Best of 4								8%			
		Quiz 3 Quiz 4	quizzes								8%		1	
		Quiz 5	1			1			1		8%		1	
		Mid-Term T	est								30%		1	
		Final Test									30%			
		Penalty for	late submis	sion of h	omework	(each in	stance)				-1%	,		
		Penalty for	not being r	eady to p	resent ho	omework	(each ins	tance)			-2%			
		Donalty for	Cell Phone	uso / Inte	-5%									

University of Texas at Dallas - School of Management

	Class Attenda	ance Partic	ination Pr	fessiona	l Conduct						<u> </u>	<u> </u>	
							regular	attendan	ce quality	y and ext	ent of dis		in
	Points for class participation will be based on your punctuality, regular attendance, quality and extent of discussion in class, and during guest lectures. Class participation requires your studying class materials before the class. I will also												
		expect you to maintain professional conduct and decorum inside the class room. USE OF CELL PHONES, TEXTING,										0	
		MAILING, AND SURFING THE INTERNET ARE STRICTLY FORBIDDEN DURING CLASS HOURS - A VIOLATION CARRIES A											5 A
		ENALTY OF 5% FROM YOUR FINAL GRADE.											
		Please Note											
		Grades will	- 1	ved									
		There are no make up quizzes or other provisions for extra credit.											
	1 1	I cannot reschedule any exam to a different date - please do not ask.											
		If you miss a quiz, or the mid-term or final for a valid and documented reason (sick, business											
		travel etc.) I will take the average of your grades from other tests for this course.											
	(Grades will be based on the following point ranges which may differ from other courses:											
		Less than	Letter										
		75	F										
		77	С										
		80	C+										
		83	B-										
		86	В										
		90	B+										
		93	A-										
		all else	А										
<u>Studer</u>	t Conduct and	l Discipline											
The Ur	niversity of Tex	as System a	and The Un	iversity o	f Texas a	t Dallas h	ave rules	and regu	lations fo	or the ord	erly and	efficient	
	, ct of their busi	-		-				-			-		
	nd regulations		•	•				-			-		
contai	ned in the UTD	publication	n, A to Z Gu	ide, whic	h is prov	ided to al	l register	ed studer	nts each a	academic	year.		
The Ur	niversity of Tex	as at Dallas	administe	rs studen	t disciplir	ne within	the proce	edures of	recogniz	ed and es	tablishec	l due pro	ocess.
Proced	lures are defin	ed and des	cribed in th	e Rules a	nd Regul	ations, Bo	oard of Re	egents, Tł	ne Univer	sity of Te	xas Syste	m, Part 1	1,
Chapte	er VI, Section 3	, and in Titl	e V, Rules o	on Studer	nt Service	s and Act	ivities of	the unive	ersity's Ha	andbook o	of Operat	ing	
Proced	lures. Copies o	of these rule	es and regu	lations a	re availat	ole to stud	dents in t	he Office	of the De	ean of Stu	idents, w	here staf	ff
memb	ers are availab	le to assist	students in	interpre	ting the r	ules and	regulatio	ns (SU 1.6	502, 972/	883-6391	.).		
A stud	ent at the univ	ersity neith	er loses th	e rights n	or escape	es the res	ponsibilit	ies of citi	zenship.	He or she	e is expec	ted to o	bey
federa	l, state, and lo	cal laws as	well as the	Regents'	Rules, ur	iversity r	egulation	s, and ad	lministrat	ive rules.	Student	s are sub	oject to
discipl	ne for violatin	g the stand	ards of con	duct whe	ther such	n conduct	takes pla	ace on or	off camp	us, or wh	ether civ	il or crim	inal
penalt	ies are also im	posed for s	uch conduc	:t.									

Academic Integrity

The faculty and administration of the School of Management expect from our students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work. We want to establish a reputation for the honorable behavior of our graduates, which extends throughout their careers. Both your individual reputation and the school's reputation matter to your success.

The Judicial Affairs website lists examples of academic dishonesty. Dishonesty includes, but is not limited to cheating, plagiarism, collusion, facilitating academic dishonesty, fabrication, failure to contribute to a collaborative project and sabotage. See http://www.utdallas.edu/judicialaffairs/UTDJudicialAffairs-Basicexamples.html for details.

Plagiarism on written assignments, especially from the web, from portions of papers for other classes, and from any other source is unacceptable. On written assignments, this course may use the resources of turnitin.com, which searches the web for plagiarized content and is over 90% effective.

During tests and quizzes, students in this section are not allowed to have with them any food or drinks, scratch paper, course materials, textbooks, notes, invisible ink pens, or electronic devices, including IPads, IPhones, IPods, MP3 Players, earphones, radios, smart phones, cameras, calculators, multi-function timepieces, or computers. When possible, students should sit in alternating seats, face forward at all times, and remove any clothing which might conceal eye movements, reflect images of another's work, or hide course material for copying.

Exam proctors will monitor any communication or signaling between students by talking, whispering, or making sounds, or by using your hands, feet, other body movements, the test paper itself or your writing implement.

Students in this course suspected of academic dishonesty are subject to disciplinary proceedings, and if found responsible, the following minimum sanctions will be applied:

1. Homework – Zero for the Assignment

2. Case Write-ups – Zero for the Assignment

3. Quizzes – Zero for the Quiz

4. Presentations – Zero for the Assignment

5. Group Work – Zero for the Assignment for all group members

6. Tests – F for the course

These sanctions will be administered only after a student has been found officially responsible for academic dishonesty, either through waiving their right for a disciplinary hearing, or being declared responsible after a hearing administered by Judicial Affairs and the Dean of Student's Office.

In the event that the student receives a failing grade for the course for academic dishonesty, the student is not allowed to withdraw as a way of preventing the grade from being entered on their record. Where a student receives an F in a course and chooses to take the course over to improve their grade, the original grade of F remains on their transcript, but does not count towards calculation of their GPA.

The School of Management also reserves the right to review a student's disciplinary record, on file with the Dean of Students, as one of the criteria for determining a student's eligibility for a scholarship.

Email Use

The University of Texas at Dallas recognizes the value and efficiency of communication between faculty/staff and students through electronic mail. At the same time, email raises some issues concerning security and the identity of each individual in an email exchange. The university encourages all official student email correspondence be sent only to a student's U.T. Dallas email address and that faculty and staff consider email from students official only if it originates from a UTD student account. This allows the university to maintain a high degree of confidence in the identity of all individual corresponding and the security of the transmitted information. UTD furnishes each student with a free email account that is to be used in all communication with university personnel. The Department of Information Resources at U.T. Dallas provides a method for students to have their U.T. Dallas mail forwarded to other accounts.

Withdrawal from Class

The administration of this institution has set deadlines for withdrawal of any college-level courses. These dates and times are published in that semester's course catalog. Administration procedures must be followed. It is the student's responsibility to handle withdrawal requirements from any class. In other words, I cannot drop or withdraw any student. You MUSTdo the proper paperwork to ensure that you will not receive a final grade of "F" in a course if you choose not to attend the class once you are enrolled.

Student Grievance Procedures

Procedures for student grievances are found in Title V, Rules on Student Services and Activities, of the university's Handbook of Operating Procedures.

In attempting to resolve any student grievance regarding grades, evaluations, or other fulfillments of academic responsibility, it is the obligation of the student first to make a serious effort to resolve the matter with the instructor, supervisor, administrator, or committee with whom the grievance originates (hereafter called "the respondent"). Individual faculty members retain primary responsibility for assigning grades and evaluations.

If the matter cannot be resolved at that level, the grievance must be submitted in writing to the respondent with a copy of the respondent's School Dean. If the matter is not resolved by the written response provided by the respondent, the student may submit a written appeal to the School Dean. If the grievance is not resolved by the School Dean's decision, the student may make a written appeal to the Dean of Graduate or Undergraduate Education, and the deal will appoint and convene an Academic Appeals Panel. The decision of the Academic Appeals Panel is final. The results of the academic appeals process will be distributed to all involved parties.

Copies of these rules and regulations are available to students in the Office of the Dean of Students, where staff members are available to assist students in interpreting the rules and regulations.

Incomplete Grades

As per university policy, incomplete grades will be granted only for work unavoidably missed at the semester's end and only if 70% of the course work has been completed. An incomplete grade must be resolved within eight (8) weeks from the first day of the subsequent long semester. If the required work to complete the course and to remove the incomplete grade is not submitted by the specified deadline, the incomplete grade is changed automatically to a grade of F.

Special Assistance

For help with test anxiety or time management, the following resources are available: your academic advisor, the Learning Resource Center (MC2.402), the Counseling Center (SU1.608), the New Student Programs Office (SU1.610), your instructor.

Disability Services
The goal of Disability Services is to provide students with disabilities educational opportunities equal to those of their non-disabled
peers. Disability Services is located in room 1.610 in the Student Union.
The contact information for the Office of Disability Services is:
The University of Texas at Dallas, SU 22
PO Box 830688
Richardson, Texas 75083-0688
(972) 883-2098 (voice or TTY)
Essentially, the law requires that colleges and universities make those reasonable adjustments necessary to eliminate
discrimination on the basis of disability. For example, it may be necessary to remove classroom prohibitions against tape
recorders or animals (in the case of dog guides) for students who are blind. Occasionally an assignment requirement may be
substituted (for example, a research paper versus an oral presentation for a student who is hearing impaired). Classes enrolled
students with mobility impairments may have to be rescheduled in accessible facilities. The college or university may need to
provide special services such as registration, note-taking, or mobility assistance.
It is the student's responsibility to notify his or her professors of the need for such an accommodation. Disability Services provides
students with letters to present to faculty members to verify that the student has a disability and needs accommodations.
Individuals requiring special accommodation should contact the professor after class or during office hours.
Religious Holy Days
The University of Texas at Dallas will excuse a student from class or other required activities for the travel to and observance of a
religious holy day for a religion whose places of worship are exempt from property tax under Section 11.20, Tax Code, Texas Code
Annotated.
The student is encouraged to notify the instructor or activity sponsor as soon as possible regarding the absence, preferably in
advance of the assignment. The student, so excused, will be allowed to take the exam or complete the assignment within a
reasonable time after the absence: a period equal to the length of the absence, up to a maximum of one week. A student who
notifies the instructor and completes any missed exam or assignment may not be penalized for the absence. A student who fails to
complete the exam or assignment within the prescribed period may receive a failing grade for that exam or assignment.
If a student or an instructor disagrees about the nature of the absence [i.e., for the purpose of observing a religious holy day] or if
there is similar disagreement about whether the student has been given a reasonable time to complete any missed assignments
or examinations, either the student or the instructor may request a ruling from the chief executive officer of the institution, or his
or her designee. The chief executive officer or designee must take into account the legislative intent of TEC 51.911(b), and the
student and instructor will abide by the decision of the chief executive officer or designee.
Off Community and Course Activities
Off-Campus Instruction and Course Activities Off-campus, out-of-state, and foreign instruction and activities are subject to state law and University policies and procedures
regarding travel and risk-related activities. Information regarding these rules and regulations may be found at
http://www.utdallas.edu/BusinessAffairs/Travel_Risk_Activities.htm. Additional information is available from the office of the
school dean.

University of Texas at Dallas - School of Management