

ASM 225. Computer Applications in Agricultural Systems Management.						Tentative Schedule for Fall Semester, 2021.		
T & Th, 12:30 - 1:45 p.m., West Dining Center Cluster.								
Date*	Day	Day #	Week #	Software & Text	Topics and Reading	Suggested Problems (plus assigned, hand-worked, and/or project problems)	Tests	Homework Given/Due
08/24	T	1	1	General	Introduction; File Management, 1-5; Writing Memos and Letters, 6-13; Templates, 14-27; Spreadsheet Basics, 28-69	p. 12, #2; pp. 60-67, #1-6.		
08/26	Th	2		Excel†				
08/31	T	3	2	Excel	Dimensions and Units, 70-87;	p. 84, #1-5; pp. 101-103, #1-3, 8		
09/02	Th	4		Excel	Sequential Calculations and Back Solving, 88-105			
09/07	T	5	3	Excel	Budgets, Schedules, and Data Validation, 106-125	pp. 124-125, #1-5; vehicle cost estimates; field efficiency calculations.		
09/09	Th	6		Excel				
09/14	T	7	4	Excel	Graphing and Two-Way Tables, 126-179;	pp. 165-177, #1-5, 7;	Quiz #1	
09/16	Th	8		Excel	Database Concepts, 265-323	pp. 315-322, # 4-7		
09/21	T	9	5	Excel	Database Concepts (cont'd); Descriptive Statistics, 180-216	pp. 207-213, #1-10; stats; histogram, graph(s);		
09/23	Th	10		Excel				
09/28	T	11	6	Excel	Linear Regression, 217-264; Macros, 324-343	pp. 255-262, #1-5, 12-14; grain moisture meter calibrations; p. 340, #1-2.		
09/30	Th	12		Excel				
10/05	T	13	7	Excel	Apps, Forms, Cloud Storage, etc. for Agriculture		Quiz #2	
10/07	Th	14		Excel	Presentations and/or Additional Topics as Time Permits			
10/12	T	15	8	Excel	Presentations and/or Additional Topics as Time Permits			
10/14	Th	16		Excel	Presentations and/or Additional Topics as Time Permits			
10/19	T	17	9	Excel	Unscheduled: Catch-Up and/or Review Session as Needed			
10/21	Th	18		Excel	Exam #1 (May be on Blackboard, format TBD)		Exam #1	
10/26	T	19	10	AutoCAD‡	Introduction, AutoCAD interface			
10/28	Th	20		AutoCAD	Basic geometric objects, accuracy and speed			
11/02	T	21	11	AutoCAD	Output, plotting, scaling, etc.	Various drawings; no dimensions.		
11/04	Th	22		AutoCAD	Modifying objects			
11/09	T	23	12	AutoCAD	Layers and text	Various drawings, farm project; no dims.		
11/11	Th				Veterans Day Holiday			
11/16	T	24	13	AutoCAD	Dimensioning	Various drawings; farm project; include dimensions.	Quiz #3	
11/18	Th	25		AutoCAD	Inserting content--blocks, Xrefs, aerial photos, geog. locations			
11/23	T	26	14	AutoCAD	Projects			
11/25	Th				Thanksgiving Holiday			
11/30	T	27	15	AutoCAD	Unscheduled: Catch-Up and/or Review Session as Needed			
12/02	Th	28		AutoCAD	Exam #2 (Computer-Based Test)		Exam #2	
12/07	T	29	16		Additional Topics as Time Permits	Team rating.	Dead Week	
12/09	Th	30			Student Rating of Instruction; Catch-Up Session, Course Review			
12/13	Mon	31	17		Comprehensive Final Exam, 1:00 - 3:00 p.m.§		Final	
*Note: The topics and dates of coverage are subject to change depending on the progress of the course. Students are responsible for changes as announced in class, posted on Blackboard, or distributed via e-mail.								
† Steele, D.D. 2021. <i>Computer Applications in Agricultural Systems Management</i> . Fargo: N. Dak. St. Univ.						Schedule Last Updated:	8/23/2021	
‡ AutoCAD outline, <i>The Hitchhiker's Guide to AutoCAD Basics</i> , etc.								
§ Final exam schedule:						Various career fairs and expos are listed at:		
NDSU Academic Calendar 2021-2022						<a href="https://www.ndsu.edu/registrar/dates/finals/">https://www.ndsu.edu/registrar/dates/finals/</a> <a href="https://www.ndsu.edu/registrar/dates/2021_2022/">https://www.ndsu.edu/registrar/dates/2021_2022/</a>		
						<a href="#">NDSU Career and Advising Center</a>		