

EGR 106

Foundations of Engineering II

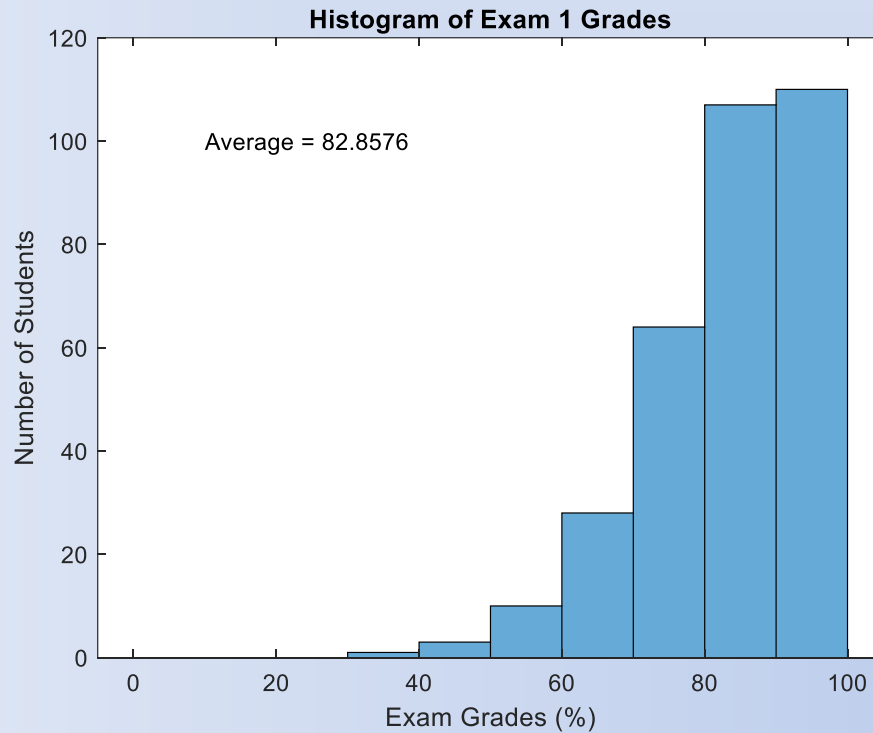
Week 9 Lecture - Part A

Announcements

THINK BIG  WE DOSM



Exam 1 - Results



```
Hundreds =  
    3  
Nineties =  
    107  
Eighties =  
    107  
Seventies =  
    64  
Sixties =  
    28  
Fifties =  
    10  
Less_than_fifty =  
    4
```

Script for Exam 1 Histogram

```
1 % Exam 1 results
2 %
3 clear; clc; format compact; close all
4 %
5 grades=[68
6 82
7 87.5
8 76
9 97
10 99.5
11 64
12 92.5
13 92
14 97
15 77
16 86.5
17 88.5
```

```
326 71
327 87];
328 bins=histogram(grades,0:10:100);
329 xlabel('Exam Grades (%)')
330 ylabel('Number of Students')
331 title('Histogram of Exam 1 Grades')
332 text(10,100,['Average = ' num2str(mean(grades))]);
333 %
334 Hundreds=sum(grades==100)
335 Nineties=sum(grades>89.9 & grades<100)
336 Eighties=sum(grades>79.9 & grades<90)
337 Seventies=sum(grades>69.9 & grades<80)
338 Sixties=sum(grades>59.9 & grades<70)
339 Fifties=sum(grades>49.9 & grades<60)
340 Less_than_fifty=sum(grades<50)
```

Plans for Upcoming Weeks

Week	Dates	Topics	Assignments & Exams
1	Jan 24-27	Introduction to EGR 106 & Matlab	Assign. 1
2	Jan. 31-Feb. 3	Matlab Commands, Intro to Scripts	Assign. 2
3	Feb. 7-10	Arrays and Array Mathematics	Assign. 3
4	Feb. 14-17	Logical Arrays, Relational Operators, and Conditional Statements	Assign. 4
5	Feb. 21-24	Logical Arrays, Relational Operators, and Conditional Statements (cont.) No class on Monday Tuesday-Thursday sections WILL meet	Assign. 5
6	Feb. 28- March 3	Exam on Monday Tuesday-Thursday sections WILL NOT meet	Exam 1
7	March 7-10	2-D Plotting	Assign. 6
	March 14-19	Spring Break	
8	March 21-24	Loops and User-Defined Functions	Assign. 7
9	March 28-31	Review for Exam 2 (Monday) Exam 2 (in T-Th lab)	Exam 2
10	April 4-7	Project - Week 1	Assign. 8
11	April 11-14	Project - Week 2	Assign. 9
12	April 18-21	Project - Week3	Assign. 10
13	April 25-28	Project - Week 4	
14	May 2	Monday - Student evaluation and course survey	
-	April 30, May 3-7	Project Presentations (during finals week)	

Plans for Upcoming Weeks (cont.)

9	March 28-31	Review for Exam 2 (Monday) Exam 2 (in T-Th lab)	Exam 2
10	April 4-7	Project - Week 1	Assign. 8
11	April 11-14	Project - Week 2	Assign. 9
12	April 18-21	Project - Week3	Assign. 10
13	April 25-28	Project - Week 4	
14	May 2	Monday - Student evaluation and course survey	
-	April 30, May 3-7	Project Presentations (during finals week)	

Week 9 - March 28-31

Lecture – Design Project Introduction / Exam 2 Review

T-Th classes – **Exam 2** (on computer using Matlab)

Weeks 10-13

Design project

Final Exam week

Design project presentations

Schedule to be announced

Exam 2 – In Class this Week on Tuesday / Thursday

Dates and times:

During Tuesday / Thursday meeting times

Tuesday/Thursday sections:

1. Tuesday 9:30-10:45, Kirk 212
2. Tuesday 8:00-9:15, Kirk 212
3. Tuesday 12:30-1:45, Kirk 212
4. Tuesday 2:00-3:15, Kirk 212
5. Tuesday 3:30-4:45, Kirk 212
6. Thursday 2:00-3:15, Kirk 212
7. Thursday 8:00- 9:15, Kirk 212
8. Thursday 9:30-10:45, Kirk 212
9. Thursday 11:00-12:15, Kirk 212
10. Thursday 12:30-1:45, Kirk 212
11. Tuesday 11:00-12:15, Kirk 212
12. Thursday 11:00-12:15, Kirk 203C
14. Tuesday 9:30-10:45, Kirk 203C

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No Quiz this Week

Since there are no new topics being introduced this week, there will be no quiz. Quizzes will resume next week.