

EGR 106

Foundations of Engineering II

Lecture 3 – Part A
Announcements

THINK BIG  WE DOSM



Week 3 Announcements

- Week 2 quiz results
- Week 3 quiz (must be submitted by 8 AM on Tuesday, Feb. 8)
- Exam 1 – Monday February 28 @ 4 PM, 5 PM and 6 PM (Locations: TBA)

Course Schedule

Week	Dates	Topics	Assignments & Exams
1	Jan 24-27	Introduction to EGR 106 & Matlab	Assign. 1
2	Jan. 21-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

Week 2 Quiz Results

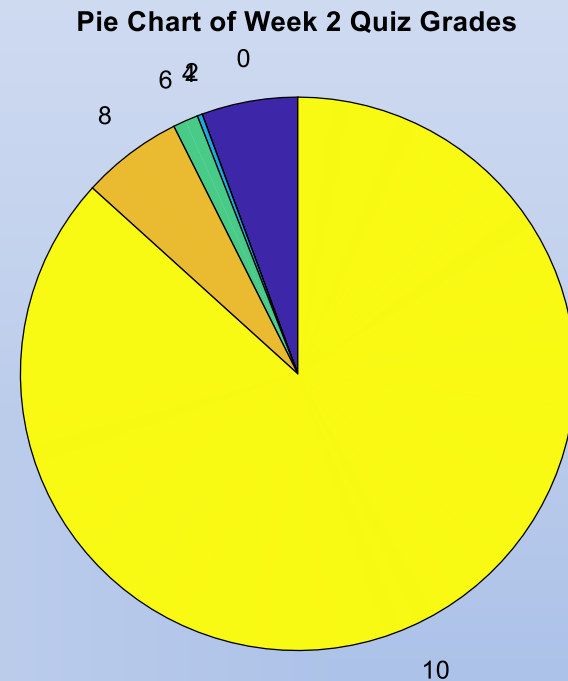
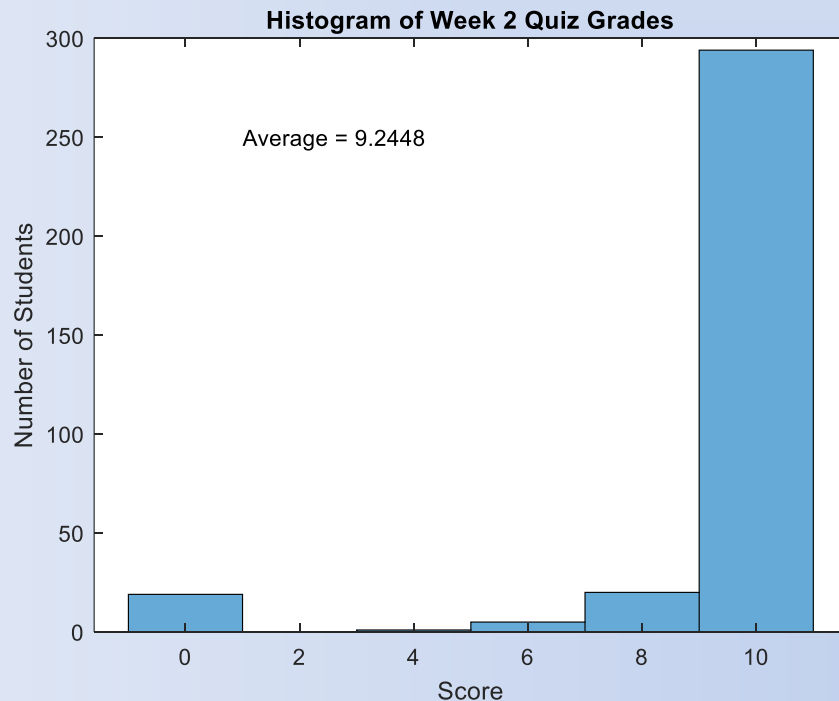
Matlab script:

```
1 %  
2 % Week 2 quiz results  
3 %  
4 clear; clc; close all  
5 %  
6 % Define array with quiz scores  
7 %  
8 scores=[10  
9 6  
10 10  
11 10  
12 0  
13 10  
14 10  
15 10  
16 10
```

```
344 10  
345 10  
346 10];  
347 %  
348 % Plot histogram of quiz scores  
349 %  
350 bins=histogram(scores,-1:2:11);  
351 xlabel('Score')  
352 ylabel('Number of Students')  
353 title('Histogram of Week 2 Quiz Grades')  
354 text(1,250,['Average = ' num2str(mean(scores))]);  
355 figure  
356 labels = {'0','2','4','6','8','10'};  
357 pie(bins.Values,labels)  
358 title('Pie Chart of Week 2 Quiz Grades')  
359  
360
```

Week 2 Quiz (cont.)

Figure window output



Quiz Grading

In computing final quiz averages, I will drop your lowest quiz grade

Week 3 Quiz

- Be sure to take the Week 3 Quiz by 8 AM Tuesday February 8th.
- Don't wait to the last minute
- You may take it up to 10 times (check score in Grades)
- Your highest score will be recorded
- Correct answers will be released after due date