

EEET - 211

Electronics 1

Assignment: 1

Reading: Boylestad (11th edition) Chapter 1 sections 1-3, 5-7,12,13,16

Homework problems covered on tests and quizzes:

Chapter 1: 7,18,26,49,53,61

Homework problems to hand for grading:

Chapter 1: 18,49,61

Homework due on: 03-Sep

Quiz covering these problems: 05-Sep

Notes and corrections: #49 answer in back of the book is wrong. Correct answer at 25 deg C is 1nA and 100 deg C is 100 nA. #61 will require the use of two plots.

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 2

Reading: Boylestad (11th edition) Chapter 2 sections 3-8

Homework problems covered on tests and quizzes:

Chapter 2: 5,8,10,11,13,21,27,29,33,35

Homework problems to hand for grading:

Chapter 2: 5,8a,11,27,33a,35a

Homework due on: 10-Sep

Quiz covering these problems: 12-Sep

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 3

Reading: Boylestad (11th edition) Chapter 3 sections 1-3, 5, 8

Homework problems covered on tests and quizzes:

Chapter 3: 4,7,8,15,18,19a,b,c and 35

Homework problems to hand for grading:

Chapter 3: 4,8,15,19a,b,c

Homework due on: 17-Sep

Quiz covering these problems: 19-Sep

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 4

Reading: Boylestad (11th edition) Chapter 4 sections 1 - 11, 16

Homework problems covered on tests and quizzes:

Chapter 4: 1,3,4,8,15,21,22,24,27,33

Homework due on: this assignment not collected

Quiz covering these problems: no quiz on this homework

Test on: 26-Sep

Notes and corrections: #4 ignore value of R_b in figure. I_{sat} only depends on V_{cc} and R_c .

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 5

Reading: Boylestad (11th edition) Chapter 5 sections 1-8

Homework problems covered on tests and quizzes:

Chapter 5 4,5,11,15,19,25,29

Homework problems to hand for grading:

Chapter 5 4,5,11,15,25

Homework due on: 10-Oct

Quiz covering these problems: 10-Oct

Notes and corrections: #5 use the common emitter model in fig. 5.16 to replace the transistor. #11 draw the ac model for the circuit. For #19, 25 and 29 only find r_e and draw the ac model. Do not find Z_{in} , Z_o or A_v .

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

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Assignment: 6

Reading: Boylestad (11th edition) none

Homework problems covered on tests and quizzes:

none

Homework due on: this assignment not collected

Quiz covering these problems: no quiz on this homework

Test on:

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 7

Reading: Boylestad (11th edition) Chapter 6 sections 2,3,6-9

Homework problems covered on tests and quizzes:

Chapter 6 2,8,11a,30,32,39

Homework problems to hand for grading:

Chapter 6 2,8,11a,30,32,39

Homework due on: 22-Oct

Quiz covering these problems: 24-Oct

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

Homework is to be handed by the end of class, the day it is due.

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EEET - 211

Electronics 1

Assignment: 8

Reading: Boylestad (11th edition) Chapter 7 sections 1-4, 7,8

Homework problems covered on tests and quizzes:

Chapter 7 2a,35,36,37,26,27,28

Homework problems to hand for grading:

Chapter 7 2a,35,36,37,26,28

Homework due on: 29-Oct

Quiz covering these problems: no quiz on this homework

Notes and corrections: #35-37 use the Universal Curve to find I_{dq} and V_{gsq} . Then find V_{dsq} .

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 9

Reading: Boylestad (11th edition) Chapter 8 sections 2-11

Homework problems covered on tests and quizzes:

Chapter 8 1,3,7,17,21,25,29,32,41,45

Homework due on: this assignment not collected

Quiz covering these problems: no quiz on this homework

Test on: 07-Nov

Notes and corrections: include an ac model for each #17,21,25,29,32,41,45. #41 and 45 require you to draw a transfer function and use it to find V_{gsq} graphically.

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 10

Reading: Boylestad (11th edition) Chapter 12 section 2,7

Homework problems covered on tests and quizzes:

Chapter 12 23-25

Homework problems to hand for grading:

Chapter 12 23-25

Homework due on: 19-Nov

Quiz covering these problems: 21-Nov

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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Electronics 1

Assignment: 11

Reading: Boylestad (11th edition) Chapter 9 sections 1-12

Homework problems covered on tests and quizzes:

Chapter 9 1a, 3, 7, 11, 12, 13

Homework due on: this assignment not collected

Quiz covering these problems: no quiz on this homework

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

Homework is to be handed by the end of class, the day it is due.

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Electronics 1

Assignment: 12

Reading: Boylestad (11th edition) Chapter 9 sections 1-12

Homework problems covered on tests and quizzes:

Chapter 9 20a-e,23a-g

Homework problems to hand for grading:

Chapter 9 20a-e,23a-g

Homework due on: 03-Dec

Quiz covering these problems: 05-Dec

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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EEET - 211

Electronics 1

Assignment: 13

Reading: Boylestad (11th edition) Chapter 9 sections 1-12

Homework problems covered on tests and quizzes:

Chapter 9 28a,b,31a-c

Homework due on: this assignment not collected

Quiz covering these problems: no quiz on this homework

Name: _____

Class times (ex. TR 2 pm):_____

Grade: _____ / 10

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