

BIOCHEMISTRY 300AA01 – GENERAL BIOCHEMISTRY
COURSE OUTLINE – Summer 2016
CRN 1132

Time and Place (these switch, so read carefully):

Monday 8:30 – 10:20, David Turpin A102

Tuesday and Friday 10:30 – 12:20, David Turpin A120

Textbook

Biochemistry

5th ed. © 2008 W. H. Freeman & Co. ISBN 978-0-7162-1252-1

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Office hours: to be announced

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D. Briant Material

Introduction to Biochemistry 300A

Bonds and buffers, Chapter 1

Protein composition and structure, Chapter 2

Protein characterization, Chapter 3

Hemoglobin – a model protein, Chapter 7

Enzymes – basic concepts and kinetics, Chapter 8

Drug development, Chapter 36

In class quizzes on Friday May 13, Friday May 20 and Friday May 27. You will be graded on your top 2 quiz marks (5% total, 2.5% each)

May 31

Exam #1, 2 hours (45%)

C. Helbing Material

Enzyme catalytic strategies, Chapter 9

Enzyme regulatory strategies, Chapter 10

Carbohydrates, Chapter 11

Lipids and cell membranes, Chapter 12

Membrane channels and pumps, Chapter 13

In class quizzes on Monday, June 6, Monday June 13 and Monday June 20. You will be graded on your top 2 quiz marks (5% total, 2.5% each)

June 24

Exam #2, 2 hours (45%)

GRADING SCHEME

Weight

Date

5%D.Briant

