

Cover Sheet - Planned Course Overview

A. Planned Course Title: Genetics Course Number: S407

B. Grade level: 10-12 Level/Track:

C. Board Approval Date: August 24, 2009

D. Instructional Time:

1. Length of course in weeks: 18 weeks
2. Number of class periods per week: 6-7 periods per 6 day cycle
3. Length of class periods: 42 minutes (possible double lab day – 84 minutes)
4. Total clock hours/credit for the course: 0.5 credit

E. List of the units of study within the course and estimated number of class periods or weeks allotted to each:

<u>Unit</u>	<u>Estimated Time (If the time is integrated with other content, please mark integrated behind the time)</u>
History of Genetics	1 week
Review of Cell Parts and Cell Cycle	1 week
Classical Genetics	4 weeks
Human Genetics/Heredity	5 weeks
DNA – Structure and Function	4 weeks
Biotechnology	3 weeks

F. The texts or major resources for the course:  
Title: Human Heredity: Principles and Issues  
Author: Michael R. Cummings  
Publisher: Thomson, Brooks, Cole  
Copyright: 2003

G. Special Notes:  
The prerequisite for this course is an 86% average in Biology I and enrollment or completion of TP Chemistry or Honors Chemistry.

H. Names of the committee members who developed the planned course:  
Melissa L. Davis