Course Syllabus - Introductory Genetics 3200

materials on tests. A reasonable amount of study and problem practice time should be allocated to this course. A few hours study, the night before exams will not be sufficient to score well in this course. Achievement of the above objectives will be evaluated based upon the student's satisfactory completion of all class and homework exercises as well as performance on tests and examinations.

Assessment/Grading policy: Final letter grades will be based upon a 10 point scale. Sapling Homework assignments will constitute 15% of the overall grade, lecture tests will compose 75% of the overall grade and in class "clicker quizzes" will constitute 10% overall final grade.

1) **Three Lecture Exams & Final** (each 25%, up to 75%): Students will be tested on their knowledge, comprehension and application of all lecture, assigned reading material, vocabulary and ability for genetic problem solving. There are three Lecture Exams and one Final Exam (each worth 25%). The lowest exam score of the 4 will be dropped. Exams are multiple choice/scantron based and include both knowledge of factual material and problem solving ability.
2) **Online Homework sets** (average = 15%) The number and due dates of

student. No grades can be given by email or over the telephone, as positive identification can not be made by this manner.

Access Office Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The **Access Office is located in Farbar Hall.** The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-

8. know and understand basic gene regulation. **(departmental outcomes 2,3 and 4, university outcome 5).**
9. know and understand the value of allelic and other levels of genetic variation to individuals and populations**. (departmental outcomes 2, 4 and 5 university outcome 5,).**
10. know and understand population genetic effects on gene pools and microevolution. **(departmental outcomes 2, 4 and 5, university outcome 5).**
11. know and understand the relevance of population genetic effects to macroevolution. **(departmental outcomes 1, 2 and 5 university outcome 5,).**
12. use statistical methods to analyze population data sets to test evolutionary hypotheses relating to selection, migration, mutation and genetic drift. **(departmental outcomes 1, 2 and 5, university outcome 3, 5 and 7).**