

MARLBORO CENTRAL SCHOOL DISTRICT

COLLEGE BIOLOGY 105 (COLLEGE BIOLOGY 1) CURRICULUM MAP

FALL SEMESTER

UNITS	CONCEPTS	MAJOR ASSESSMENTS	TIME FRAME
INTRODUCTION TO COURSE	Course Syllabus Grading Procedure Lab Safety Greek and Latin Word Parts		1 Week
UNITS 1, 2, and first ½ of 3	Introduction to Biology Scientific Method Characteristics of Life Prokaryotes Inorganic Biochemistry Water	1 st Lecture and Lab Exams - In October, before progress reports Lab experiences and formal reports	5 Weeks
UNITS 3 (second ½) and 4	Organic Biochemistry Macromolecules Cell Structure Cell Organelle Functions Tissues	2 nd Lecture and Lab Exams - In November, before report cards Lab experiences and formal reports	5 Weeks
UNITS 5, 6, and 7	Membrane Structure Membrane Transport Metabolism Enzymes Cellular Respiration Photosynthesis	3 rd Lecture and Lab Exams - In December, before progress reports/break Lab experiences and formal reports	5 Weeks
UNITS 8 and 9	Mitosis/Asexual Reproduction Meiosis/Sexual Reproduction Mendelian Genetics Modern Genetics Final Exam Review	4 th Lecture Exam (Cumulative Final Exam) - In January, before report cards Lab experiences and formal reports	5 Weeks