

COURSE	GRADE LEVEL and/or Prerequisite(s)	AMOUNT OF READING PER WEEK	OUTSIDE OF CLASS TIME EXPECTED (Reading, homework, etc.)	MAJOR TESTS/ESSAYS/ASSESSMENTS PER QUARTER	MAJOR PAPERS, PROJECTS and ASSIGNMENTS	SUMMER ASSIGNMENT?
AP Calculus AB	Precalculus	Daily homework and pre-reading of textbook sections	3 hours per week	3 tests	1 project per quarter, semester exam and final exam before AP	None
AP Calculus BC	Precalculus (grade of A- or better or 90% on Placement Test)	Daily homework and pre-reading of textbook sections	5 hours per week	3 – 4 tests	2 cumulative tests, final exam before the AP, 4 th quarter projects	None
AP Computer Science plus Data Structures	Foundations of Computer Science	1 – 3 pages	1 – 3 hours per week	2 – 3 tests	Need to work independently; complete 2 – 3 programs a week, project after the AP	None
AP Statistics	Precalculus (co-enrolled in AB at a minimum)	8.325 pages per night	4 – 5 hours a week with 95% confidence	2.5 tests and 0.75 essays (there's more writing than math in this class)	Yes	None
Multivariable Calculus (sem)	AP Calculus BC	5 – 6 pages of pre-reading before material is covered	3 – 4 hours a week, mainly on homework and review	2.5 tests	Final exam worth 20% of semester grade	None
Linear Algebra (sem)	Multivariable Calculus	5 – 6 pages of pre-reading before material is covered	3 – 4 hours a week, mainly on homework and review	2.5 tests	Final exam worth 20% of semester grade, 1 project	None
Advanced Math	Multivariable	5 – 6 pages of	3 – 4 hours per	1 – 2 take-home tests	Final exam worth	None

Techniques (sem)	Calculus	pre-reading before material is covered	week (will take much longer if not done efficiently)		20% of semester grade	
Differential Equations (sem)	Multivariable Calculus and Linear Algebra	5 – 6 pages of pre-reading before material is covered	3 – 4 hours per week (will take much longer if not done efficiently)	2 tests, possibly 1 project	Final exam worth 20% of semester grade	None
Complex Analysis	Multivariable Calculus and Linear Algebra	5 – 6 pages of pre-reading before material is covered	3 – 4 hours per week (will take much longer if not done efficiently)	2 tests, possibly 1 project	Final exam worth 20% of semester grade	None