

# Pure Math 30 & Math 31 (AP Calculus AB)

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Room 207

## Goals

We will complete the Alberta curriculum for Pure Math 30 and Math 31. You will also write the Advanced Placement Calculus AB Exam on May 9, 2012. Our goal is for excellence on this exam.

## Assessment

You will receive marks for both Pure Math 30 and Math 31. Your mark for each will be determined by your performance on projects, assignments and exams. All your unit exams will be cumulative. Your mark will be determined as detailed below.

Quizzes:	10%
Assignments & Projects:	20%
Unit Exams:	70%

At the end of the course, your Math 31 mark will be determined as above, your final Pure Math 30 mark will be the average of the school mark above and your mark on the Diploma Examination set by Alberta Education, to be written June 25, 2012. You will receive your mark for the AP Calculus exam in July, and **this mark** will determine your eligibility for post-secondary credit.

## Calendar

Transformations (Pure 30)	Aug 31–Sept 15
Exponents & Logarithms (Pure 30)	Sept 16–Oct 6
Trigonometry (Pure 30)	Oct 11–Nov 4
Conics (Pure 30)	Nov 7–18
Limits & Continuity (Math 31)	Nov 21–Dec 8
Derivatives (Math 31)	Dec 12–Jan 18
Applications of Derivatives (Math 31)	Jan 19–Feb 22
Integration (Math 31)	Feb 27–Mar 21
Applications of Integration (Math 31)	Mar 22–Apr 25
Review for AP Exam	Apr 26–May 8
Combinatorics (Pure 30)	May 10–June 1
Probability & Statistics (Pure 30)	June 4 – June 15