AP Calculus AB
Chapter 5/6 Syllabus*

Day	Date	Description	Homework
1		5.1-5.3 Slope Fields FR 7, 10	• Slope Fields WKST • p. 382 (3 – 11 eoo, 15, 17, 67) • p. 391 (3, 5, 15, 17, 25) • Pg. 402 (1, 2) • FR 11
2		Rate In/Rate Out	• Rate In/Rate Out WKST
3		6.1 Area Of A Region Between Two Curves	• p. 414 (1, 3, 5, 21 – 45 eoo) **Set up by hand and integrate using your calculator*
4		Ch 5 & Rate in/Rate Out Quiz 6.2 Volume By Cross Sections	• Cross Section WKST
5		6.2 Volume By Revolution FR 19, 20	• p. 425 (1 – 45 eoo) • FR 13, 14 **Set up by hand and integrate using your calculator*
6		Ch 5/6 Review 6.1,6.2 Quiz	• CW: FR 12, 17, 20 • HW: Ch 5/6 Test Review FR
7		Ch 5/6 Review	• Ch 5/6 Test Review MC
8		Ch 5/6 Test	• Mock 1 Wed. 3:15 – 5:00 (auditorium) AND Friday during class

*Assignments Subject to Change

INTEGRATION TECHNIQUES

WASHER METHOD

SHELLS METHOD

PARTS

U-SUB

If I were u, my volume would be $\frac{\pi}{6}$!

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