Math 152/153, Accelerated Calculus II & Sequences and Series, Tentative Schedule:

Monday	Wednesday	Friday
Aug 30th **1** syllabus, 9.1 Parametric Equations	Sep 1st **2** 9.2 Tangents & Parametric Curves	3rd **3** 5.1 Areas & Distances
6th **4** **Labor Day**	8th **4** 5.2 Definite Integral	10th **5** 5.3 Total Change Theorem
13th **6** 5.4 FUNdamental Theorem of Calc	15th **7** 5.5 U-Substitution	17th **8** 6.1 Integration by Parts
20th **9** 6.1 Integration by Parts, review	22nd **10** **Midterm Exam**	24th **11** 6.2 Trig Integrals & Substitution*
27th **12** Summary of Integration Methods/6.6 Improper Integrals	29th **13** 7.1 Area Btwn Curves/ 7.2 Volumes of Solids	Oct 1st **14** 7.2/7.3 Volumes of Solids
4th **15** 7.4 Arc Length/ 7.6 Work Integrals	6th **16** 7.6 Work Integrals, 9.3 Polar Coords	8th **17** 9.3 Polar Graphs & Derivatives
11th **18** 9.4 Areas for Polar Curves	13th **19** 7.5 Surface Area	15th **Mid-Semester Day**
18th **20** **Final Exam**	20th **21** Syllabus, 8.7 Taylor Polynomials	22nd **22** 8.1 Sequences
25th **23** 8.1 Sequences	27th **24** 8.2 Series	29th **25** 8.2 Series
Nov 1st **26** 8.3 Integral & Comp.Tests	3rd **27** 8.3 Integral & Comp Tests	5th **28** 8.4 Alternating Series, absolute convergence
8th **29** 8.4 Ratio Test/Review	10th **30** **Midterm Exam**	12th **31** 8.5 Power Series
15th **32** 8.6 Rep Functions as Power Series	17th **33** 8.7 Taylor & Maclaurin Series	19th **34** 8.7 Taylor's Remainder Thrm

Monday	Wednesday	Friday
22nd **Thanksgiving Break**	24th **Thanksgiving Break**	26th **Thanksgiving Break**
29th **35** 8.8 Apps of Taylor Polys	Dec 1st **36** Fourier Series	3rd **37** Fourier Series
6th **38** Fourier Series	8th **39** Fourier Series	10th **40** Catch up, review
13th **41**	15th **42**	17th **43**