MATH 152 CALCULUS II
4 credits Summer I, 2012

COURSE INFORMATION: May 30, 2012 through July 22, 2012

LECTURE: MWF 9:00-11:05 in SOND 108
Discussion on Mon and Wed from 11:30-12:20 in SOND 108

INSTRUCTOR: **Mrs. Bonny Tighe** OFFICE 425 MP PHONE: Office 455-2425
Teaching Assistant:

OFFICE HOURS: M W and F 4-5 pm in MP 425
E-MAIL ADDRESS: tighe@umbc.edu

TEXT: CALCULUS. Early Transcendentals, by James Stewart, 7th Edition
Thomson/Brooks Cole Publishing, 2012.
A personal Webassign code is also required for homework. The course Key code is as follows. **umbc 3158 1744** You must go to Webassign.net and use this course code as well as your purchased personal code that you purchase to register for the class. Any edition of the textbook will suffice but a current Webassign code is needed.

Your personal code comes bundled with a new text or can be purchased separately on line at the publishers or in the book store. If the enhanced code is purchased, an e-book is already included on-line and students can decide if they want the hard copy as well as the text on-line. You must go to webassign.net and follow the instructions to enter your personal code and then the class code above.

TESTING AND GRADING: The usual 90-80-70-60 % grading system will be used in this course. Time spent outside of class on this course will be between 12 and 15 hours per week - MINIMUM! POSSIBLE POINTS ARE AS FOLLOWS:

Best 10 homeworks @ 10 points each	= 100 points
Best 8 quizzes @ 25 points each	= 200 points
2 Hour Exams @ 200 points each	= 400 points

TOTAL = 700 points

THERE WILL BE NO MAKE-UP QUIZZES! The lowest 2 quizzes will be dropped. Make-up exams will be given at my discretion and provided I have been notified prior to the scheduled time of the exam that you will be unable to attend. Leave messages at 410-455-2412 in the Mathematics office or on my email above. The make-up time will be arranged using email. No calculators will be required during this course but may be used for homework **but not** on tests and quizzes.
No computer or cell phone use is allowed during class or quizzes and exams

ACADEMIC CONDUCT AND POLICY

By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal .

To read the full Student Academic Conduct Policy, consult the UMBC Student Handbook, the Faculty Handbook, or the UMBC Policies section of the UMBC Directory.

MATH 152 Syllabus SUMMER I 2011

DATE		SECTIONS COVERED	QUIZZES OR EXAMS
W	5/30	6.1 Area between Curves 6.2 Volumes	Review 5.5
F	6/1	6.3 Volumes Cylindrical Shells	
M	6/4	6.5 Average Value 7.1 Integration by parts	**Q 1 on 6.1-6.2**
W	6/6	7.2 Trig Integrals	
F	6/8	7.3 Trig Substitution	**Q 2 on 6.3-7.1**
M	6/11	7.4 Partial Fractions	**Q 3 on 7.2**
W	6/13	7.5 Strategies for Integration	
F	6/15	7.6 Tables 7.7 Approximate Integration	**Q 4 on 7.3-7.4**
M	6/18	7.8 Improper Integrals 8.1 Arc Length	**Q 5 on 7.5, 7.6, 7.7**
W	6/20	8.2 Area of Surface of Revolution	
F	6/22	**EXAM I on 6.1-8.2**	
M	6/25	11.1 Sequences 11.2 Series 11.3 Integral Test	
W	6/27	11.4 Comparison Tests 11.5 Alt Series Test	
F	6/29	11.6 Ratio and Root Tests 11.7 Strategies	**Q 6 on 11.1-11.3**
M	7/2	Fourth of July Day off	
W	7/4	11.8 Power series 11.9 Functions as power series	
F	7/6	11.10 Taylor and Maclaurin Series	**Q 7 on 11.4-11.7**
M	7/9	11.11 Applications of Taylor Polynomials	**Q 8 on 11.8-11.9**
W	7/11	10.1 Parametric Curves 10.2 Calculus with Parametric Curves	
F	7/13	10.5 Conic sections	**Q 9 on 11.10-11.11**
M	7/16	10.3 Polar Coordinates	**Q 10 on 10.1-10.2**
W	7/18	10.4 Areas and Lengths in Polar	
F	7/20	**EXAM II on 11.1-10.5**	