MATH 152   CALCULUS II
4 credits   SESSION II   Summer I, 2015

COURSE INFORMATION: Mon 7/6/15 – Thurs 8/13/15

LECTURE: M T TH 5:00-7:05   in room MP 104
Discussion on Mon and TH from 7:15-8:15 in room MP 106

INSTRUCTOR: **Mrs. Bonny Tighe** OFFICE 425 MP   PHONE: Office 455-2425
Teaching Assistant: Gregory Haber   ghaber1@umbc.edu

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

TEXT: <u>CALCULUS</u>. Early Transcendentals, by James Stewart, 7th Edition
Thomson/Brooks Cole Publishing, 2012.
A personal Webassign code is also required for homework. You must log on to
Webassign through the link on Blackboard You will need to 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.

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 15 and 20 hours
per week - MINIMUM! POSSIBLE POINTS ARE AS FOLLOWS:

 Best 10 homeworks @ 15 points each   = 150 points
 Best 7 quizzes @ 40 points each   = 280 points
 2 Hour Exams @ 200 points each   = 400 points

               TOTAL = 830 points

THERE WILL BE NO MAKE-UP QUIZZES! The lowest 3 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-
455-2425 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, 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 II 2015

DATE		SECTIONS COVERED	QUIZZES OR EXAMS
M	7/6	6.1 Area between Curves 6.2 Volumes 5.5 Review	
T	7/7	6.3 Volumes Shells 6.5 Avg Value	
TH	7/9	7.1 Integration by parts	**Q 1 on 6.1,6.2,5.5**
M	7/13	7.2 Trig Integrals 7.3 Trig Substitution	
T	7/14	7.4 Partial Fractions 7.5 Strategies	**Q 2 on 6.3,6.5,7.1**
TH	7/16	7.7 Approx Integration 7.8 Improper Integ	**Q3 on 7.2, 7.3**
M	7/20	8.1 Arc Length 8.2 Surface Area	
T	7/21	11.1 Sequences 11.2 Series	**Q 4 on 7.4,7.5,7.7,7.8**
TH	7/23	**EXAM I on 6.1-8.2**	
M	7/27	11.3 Integral Tes11.4 Comparison 11.5 Alt Series	
T	7/28	11.6 Ratio and Root Tests 11.7 Strategies	**Q 5 on11.1-11.2**
TH	7/30	11.8 Power series 11.9 Functions as series	**Q 6 on 11.3-11.7**
M	8/3	11.10 Taylor and Maclaurin Series	
T	8/4	11.11 Apps	**Q 7 on 11.8-11.9**
TH	8/6	10.5 Conic sections10.3 Polar Coordinates	
			Q 8 on 11.10,11.11
M	8/10	10.4 Areas and Lengths in Polar 10.1 Parametric Curves 10.2	
			Q 9 on 10.5,10.3
T	8/11	REVIEW	Q 10 on 10.4, 0.2,10.2
TH	8/13	**EXAM II on 11.1-10.5**	