Math 329 – Complex Analysis
Spring 2014

Instructor – Dr. Fraboni
Office: PPHAC 221
Phone: x1605
mfraboni@moravian.edu
Office hours: Monday and Wednesday 11-12, Thursday 9:30-11

Course Materials – The text is *Complex Variables*, by Stephen Fisher.

Course Goals – In this course you will gain an understanding of the basic techniques of Complex Analysis. In particular we will explore complex arithmetic, analytic and harmonic functions, and the structure of complex space. This course will also help to build your proof writing skills.

Attendance – Regular attendance is vital. A late assignment will be graded with a reduction of 10% for each day it is late. There will be no make-up quizzes given, and make-up exams are given only in extreme, pre-approved cases. If you have to miss an exam it is your responsibility to contact me in advance Students who are unable to attend class are responsible for all assignments and material covered in that class.

Exams – We will have two in-class exams and a cumulative final exam. The tentative dates for the in-class exams are February 14, and March 28. The final exam is scheduled for Monday April 28 at 1:30pm.

Homework – Each day there will be homework assigned. Some problems will be turned in, some are just for practice. The problems assigned to hand in will be collected at the beginning of the class meeting. It is vital that you do all the homework problems assigned; you should keep all your work in a binder or notebook for reference. For every hour in class you should expect to spend at least 2 hours doing work outside of class. You cannot learn mathematics without lots of practice!

Oral Presentation – Each student will complete an in-depth research project. The results will be presented in a 15 minute oral presentation in class during the last week of the semester. A proposal, outline, and reference list must be completed as well.

Evaluation and Grading – Grades will be the result of homework, exams, and an oral presentation. The breakdown is as follows:
- Homework – 25% total
- Oral Presentation – 5%
- Two Exams – 20% each
- Final Exam – 30%

Academic Honesty – For graded assignments you may use your class notes and any books or library sources except a solutions manual. Any resources you use must be documented at

the top of the homework assignment. No points will be deducted for honestly acknowledging help.

However if you do not document any appropriate resource this is considered cheating. Students are encouraged work on problems together. However, acquiring an entire solution from a classmate in not acceptable. If two or more graded homework sets look the same then no points will be awarded for the entire homework set (with no warning). You are always welcome to come to office hours to see the instructor.

The College academic honesty policy appears in your Student Handbook; you are expected to be familiar with it. This policy applies to work done outside of class as well as to in-class quizzes and tests. If you are unsure about the propriety of a particular procedure or approach, please consult with your instructor before continuing with the assignment.

Disclaimers – This syllabus is subject to change through the semester. Any updates to the syllabus will be announced in class. The instructor reserves the right to apply qualitative judgment in determining final grades for the course.

Learning Disability Accommodations – Students who wish to request accommodations in this class for a disability should contact the assistant director of Academic and Disability Support in the Academic Support Center, Monocacy Hall, lower level (extension 7625). Accommodations cannot be provided until authorization is received from the Academic Support Center.