FORT LEWIS COLLEGE

March 3, 1989

Professor Bill Emerson
Department of Math
Metro State College
Denver, CO 80204

Dear Bill:

Here are the outlines for speakers and the registration form. You
might mention the pre-registration discount.

Jim Wixom told me that he would have his page (front and back) to you by
Wednesday. (He also has a budget to reimburse you for any excess printing
charges if necessary.)

Thanks for your help.

Regards,

Dick Gibbs

DG:lb

Attach.

March 14, 1989

Dear Bill:

Inclosed are the copies of the announcement for the FLC short
course for this summer. Dick Gibbs told me that you can handle the
reproduction for inclusion in your next newsletter. I would prefer
if the two pages I sent are printed on one sheet front and back but
two separate pages is acceptable. I have funds to defray the
reproduction and distribution expenses if you need them so let
either me or Dick know.

Thanks very much for your time and effort. It is appreciated.

Jim Wixom
Math Dept
FLC

Dr. Frank R. Giordano, Professor of Mathematics at the U.S. Military Academy, and Dr. Maurice D. Weir, Associate Professor of Mathematics at the Naval Postgraduate School, will present the 1988 Rocky Mountain Section of MAA-sponsored short course at Fort Lewis College, Durango, Colorado, during the week of July 11-15, 1988. The title of the short course is Mathematical Modeling. Professors Giordano and Weir are co-authors of the texts A First Course In Mathematical Modeling, Mathematical Modeling With MINITAB, and An Instructor's Manual For Teaching A First Course in Mathematical Modeling. They presented an MAA Minicourse on Mathematical Modeling at the MAA meetings in Atlanta, January 4-9, 1988. Dr. Giordano, a colonel in the U.S. Army, has taught at the U.S. Military Academy since 1975. He studied at the University of Madrid from 1971 to 1973 as an Olmstead Scholar, and received his Ph.D. in Operations Research from the University of Arkansas in 1975. He has co-authored six UMAP modules, as well as three journal articles on the subject of undergraduate mathematics and its applications, has led panel discussions, seminars, and workshops devoted to the teaching of mathematical modeling, and has presented numerous papers on the subject of undergraduate mathematics education. Dr. Weir received his Doctor of Arts in Mathematics from Carnegie-Mellon University in 1970. He has been teaching at the Naval Postgraduate school since 1969 and in 1983 was awarded the Rear Admiral John Jay Schieffelin Award for Teaching. He is the author of a graduate-level monograph, Hewitt-Nachbin Spaces, and several undergraduate textbooks. He has co-authored several UMAP modules, as well as several journal articles on the subject of teaching mathematical modeling.

The short course will provide an introduction to the modeling process, to a number of topics underlying the construction of mathematical models, and will address the issues that must be resolved in the design of an undergraduate course in mathematical modeling. There will be twelve (12) hours of class discussion on the above topics and an additional six (6) hours of instruction-discussion on specific models and the use of computers and software to supplement the modeling process. Participants will have the opportunity to work on specific models and will have access to computer facilities. Each participant will be provided with a copy of the three texts co-authored by Professors Giordano and Weir.

Preliminary notice has been received from NSF that a grant to support the short course will be funded. Pending final approval in April, the grant will provide each participant with a stipend of $250 and with free board and room on campus. However, if the proposal is not funded, the total cost will be $240 (board, room and registration); $120 (registration only). There will be a wine-cheese social on Sunday, July 10, from 7:00 to 9:00 PM. No classes will be scheduled on Wednesday, July 13. Reservations have been made for those wishing to ride on the scenic narrow gauge train on the 13th. A steak fry dinner is scheduled for one evening. For participants and dependents staying on campus, the use of tennis courts and an olympic-size swimming pool are free of charge. An 18-hole golf course is adjacent to the campus. Carts are available and the green fees are reasonable.

The number of participants will be limited to 35, so send your completed application as soon as possible, but not later than May 30. Further information and registration forms can be obtained by contacting:

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