



STEM Recruitment, Retention, and Graduation (STEM-RRG) Mathematics Weekend Retreats for High School Sophomores, Juniors, and Seniors Spring & Summer 2010

Pre-College Program (Saturday & Sunday only):

Time	Format	Facilitators
9:00 am – 10:20 am	Pretest/instructions/tutorials	See page 2
10:20 am – 10:40 am	Break	
10: 40 am – 12:00 pm	Instructions/tutorials	See page 2
12:00 pm – 1:00 pm	Lunch	
1:00 pm – 2:50 pm	Problem solving/calculator application	See page 2
2:50 pm – 3: 00 pm	Break	
3:00 pm – 4:00 pm	Posttest/assessment/evaluation	See page 2

Purpose:

The purpose of this series of weekend retreats is to deepen, enhance, and refresh the participants' knowledge of topics in mathematics that support the classes that students are taking in high school. In addition, the sessions expose the students to ideas and concepts that may be missing from their regular curriculum and stimulate interest in STEM disciplines and careers. This program also assists the participants' preparation for THEA, SAT & ACT Tests. Students attending the weekend retreats enrichment program must arrive on campus by 9:00 am and attend activities until 4:00 pm. The weekend retreats enrichment activities are conducted by experienced TAMIU/LCC faculty and certified experienced teachers in the area-high schools who have been specially selected to serve the needs of this student population.

Faculty Mentors/Facilitators:

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| 1. Dr. David K. Milovich, TAMIU | 7. Mr. Juan M. Gonzalez, ECHS/TAMIU/LCC |
| 2. Prof. Christy Babu, LCC | 8. Ms. Dalia G. Trevino, TAMIU |
| 3. Dr. Chihiro Oshima, TAMIU | 9. Ms. Patricia D. Proa, AHS/TAMIU |
| 4. Ms. Asela Acosta, UHS | 10. Mr. Pablo D. Morales, LCC/TAMIU |
| 5. Dr. Firooz Khosraviyani, TAMIU | 11. Prof. Alma V. Jasso, TAMIU |
| 6. Prof. Miguel San Miguel, TAMIU | 12. Mr. Jose T. Santacruz, AHS |

Module:

Placement features of the MyMathTest software are used to accurately diagnose students' knowledge prior to creating refresher lessons at the developmental mathematics level or at the pre-calculus level. This will help students come up to speed with their mathematics skills.

Tentative Weekends of Retreats:

January 9-10, January 23-24, January 30-31, February 6-7, February 13-14, February 20-21, February 27-28, March 6-7, March 27-28, April 10-11, April 17-18, April 24-25, May 1-2, May 8-9, May 15-16, May 22-23, May 29-30, June 5-6, June 12-13, and June 19-20, 2010.



Schedule of Sessions:

No.	Date	Facilitator 1	Facilitator 2
1	January 9-10, 2010	Juan M. Gonzalez	Miguel San Miguel
2	January 23-24, 2010	David K. Milovich	Asela Acosta
3	January 30-31, 2010	Christy Babu	Firooz Khosraviyani
4	February 6-7, 2010	Miguel San Miguel	Christy Babu
5	February 13-14, 2010	Firooz Khosraviyani	Christy Babu
6	February 20-21, 2010	David K. Milovich	Asela Acosta
7	February 27-28, 2010	Pablo D. Morales	Asela Acosta/Chihiro Oshima
8	March 6-7, 2010	Chihiro Oshima	Pablo D. Morales
9	March 27-28, 2010	Juan M. Gonzalez	Asela Acosta/Chihiro Oshima
10	April 10-11, 2010	Alma V. Jasso	Pablo D. Morales
11	April 17-18, 2010	Patricia D. Proa	Dalia G. Trevino
12	April 24-25, 2010	Christy Babu	Asela Acosta
13	May 1-2, 2010	Patricia D. Proa	Dalia G. Trevino
14	May 8-9, 2010	David K. Milovich	Firooz Khosraviyani
15	May 15-16, 2010	Patricia D. Proa	Chihiro Oshima/ Dalia G. Trevino
16	May 22-23, 2010	Asela Acosta	Pablo D. Morales
17	May 29-30, 2010	Chihiro Oshima	Miguel San Miguel
18	June 5-6, 2010	Patricia D. Proa	Jose T. Santacruz
19	June 12-13, 2010	Juan M. Gonzalez	Firooz Khosraviyani
20	June 19-20, 2010	Alma V. Jasso	Miguel San Miguel

Location:

All sessions are held in the Pellegrino Hall room 211 (PH 211) at Texas A&M International University (TAMIU), 5201 University Boulevard, Laredo, Texas 78041-1900