2008 Nebraska IMMERSE

Program Format: The core of the program consists of two independent courses, one in algebra and one in analysis, taught by the IMMERSE faculty and graduate mentors. The activities for each course are scheduled in 3-hour time blocks or “modules,” which consist of a mix of lecturing, group work, individual problem-solving, optional tutorials or computer work. (The exact activities will vary from day to day.) A typical week will have four algebra modules, four analysis modules, and two free modules (one of which will have an organized social activity) as follows:

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 – 11:45</td>
<td>Algebra</td>
<td>Free</td>
<td>Analysis</td>
<td>Analysis</td>
<td>Algebra</td>
</tr>
<tr>
<td>11:45 – 1:30</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Lunch</td>
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<tr>
<td>1:30 – 4:30</td>
<td>Analysis</td>
<td>Algebra</td>
<td>Algebra</td>
<td>Social</td>
<td>Analysis</td>
</tr>
</tbody>
</table>

We will refer to the schedule above as the Standard Schedule. There will be many deviations from the Standard Schedule, particularly in the first two weeks. (See below.) Further schedule changes may be announced during the program.

Week 1: June 22– June 27

Sunday
7:00-8:30 p.m. Dinner (deli sandwiches) Avery 348
Meet in Selleck lounge at 6:45

Monday
8:45 – 9:30 a.m. Welcome and Introductions Avery 348
9:30 – 10:30 a.m. Orientation to math computer network Avery 12
10:45 – 11:30 a.m. Tour of Avery Hall and campus Avery 348
11:30 – 1:30 p.m. Lunch Selleck Hall
2:00 – 3:00 p.m. Algebra lecture Avery 351
3:00 – 3:30 p.m. Tea Avery 348
3:30 – 4:30 p.m. Analysis lecture Avery 351

Tuesday
8:45 – 9:45 a.m. Introduction to \LaTeX \ Aver 12
10:00 – 10:50 a.m. Algebra lecture Avery 351
11:00 – 11:50 a.m. Analysis lecture Avery 351
11:50 – 1:30 p.m. Lunch Selleck Hall
1:30 – 4:30 p.m. Algebra module Avery 351

Wednesday - Friday Standard Schedule
Week 2: June 30 - July 4

Monday and Tuesday
8:45 – 11:45 a.m. Algebra module  Avery 351
11:45 – 1:30 a.m. Lunch
1:30 – 4:30 p.m. Analysis module  Avery 351

Wednesday and Thursday
8:45 – 11:45 a.m. Analysis module  Avery 351
11:45 – 1:30 a.m. Lunch
1:30 – 4:30 p.m. Algebra module  Avery 351

Friday
Picnic, 5pm  Cooper Park

Week 3: July 7-11
Standard Schedule

Week 4: July 14-18
Standard Schedule except:
Tuesday:
10:30-11:30 a.m. Panel Discussion  AvH 19

Week 5: July 21-25
Monday-Wednesday
Standard Schedule

Thursday-Friday
Guest Speaker: Prof. Gerald Jungck, Bradley University
Schedule TBA

Week 6: July 28-31
Monday-Tuesday
Guest Speaker: Prof. Dan Grayson, University of Illinois
Schedule TBA

Wednesday-Thursday
Wrap-up
Schedule TBA

Rooms: All modules will meet (at least initially) in Avery 351. Occasionally there will be activities planned in Avery 12 (a high-tech classroom) or Avery 348 (the Avery Lounge).

Meals: You will receive a meal pass good for breakfast, lunch and dinner at Selleck Dining Hall good from June 23 through July 31st except for the following evenings when there will be non-cafeteria dinners: July 4 (picnic), July 9, July 16, July 24, and July 31.

Rec Center: You will have access to the university rec center between June 23 and July 31st. Enter at the main entrance on 14th street and tell the attendant you are with the Nebraska IMMERSE program. (You may need to bring a photo ID.) Rec center hours can be found at http://crec.unl.edu/.