

Class Schedule - Spring 2008

Mathematics

416 **Abstract Linear Algebra** credit: 3 or 4 hours.

Rigorous proof-oriented course in linear algebra. Topics include determinants, vector spaces over fields, linear transformations, inner product spaces, eigenvectors and eigenvalues, Hermitian matrices, Jordan Normal Form. 4 hours of credit requires approval of the instructor and department with completion of additional work of substance. Prerequisite: MATH 241 or consent of instructor; MATH 347 is recommended.

| CRN | Type | Section | Time | Days | Location | Instructor |
|--|--------------------|---------|---------------------|------|-----------------------|------------|
| 48281 | lecture-discussion | F3H | 02:00 PM - 02:50 PM | MWF | room 343 Altgeld Hall | Tyson, J |
| Departmental Approval Required 3 hours | | | | | | |
| 48282 | lecture-discussion | F4H | 02:00 PM - 02:50 PM | MWF | room 343 Altgeld Hall | Tyson, J |
| Departmental Approval Required 4 hours | | | | | | |