

# SYLLABUS

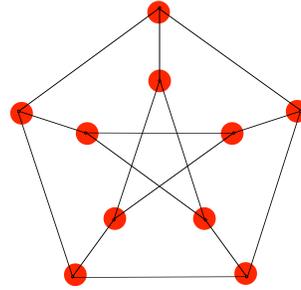
## MAT 700 Topic in Graph Theory Spring, 2016

### The Class Meetings.

2:15 - 3:35pm Mon., Wed.  
115 Carnegie

### The Instructor.

Prof. Jack Graver  
300C Carnegie  
Ext: 3-1576  
jegraver@syr.edu  
Office Hours: 2:00 - 3:30pm Tue. and Thur.  
10:30 - 11:00pm Fri.



The course is divided into three units. We start with eight to ten classes devoted to introducing and discussing open questions in graph theory - one question per class. Each of these classes will start with the basic definition and results needed to understand the open question. The rest of that class will be devoted to, as a class, working out simple examples and discussing possible methods of attack. Each student will select one of these open questions to research. The last third of the course will be devoted to reports by the students on the problem they selected. These first and third segments of the course will be separated by a development of the mathematical structure of fullerenes.

## University Required Inclusions

**Students with Disabilities:** If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), located in Room 309 of 804 University Ave. Call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations. Making arrangements with ODS takes time. Do not wait until just before the first test. For more information: <http://disabilityservices.syr.edu>

**Academic Integrity:** The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. The policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see <http://academicintegrity.syr.edu>

**Religious observances policy:** SU religious observances policy recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to are religious observance provided they notify their instructors before the end of the second week of classes. For fall and spring semesters, an online notification process is available through MySlice (Student Services → Enrollment → My Religious Observances) from the first day of class until the end of the second week of class.