Lecturer: Professor Kim Druschel

Office Hours: M,W 3-4, Th 1-2 and by appointment
Office: Ritter Hall 108
phone: 977-8174
email: druschelks@slu.edu

Prerequisite
CS P126 or CS A220

Course meetings:
M,W,F 2:10-3:00 Shannon 118 (Patel Lab)

Text: (Required)

Objectives:
Successful completion of this course means that the student will:
Be able to analyze algorithms with a good understanding of Big O and his brothers.
Have significant knowledge of the theory and application of a wide variety of advanced trees and of graphs.
Be able to work with C++ templates and STL.
Understand some basic algorithm design techniques.

Grading Policy:
25% from the final, 25% from exams (2-3), 50% comes from homework, in class participation, projects, quizzes.

If a student gets 90% or better of the possible total, they receive an A, 85-89 a B+, 80-84 a B, 75-79 a C+, 70-74 a C, 60-69 a D, and below 60 an F.
Academic Honesty: The College and University have policies on academic honesty. Cheating on exams or quizzes or plagiarizing work could result in flunking the course or worse. Plagiarizing work includes copying someone else's program. Parks College’s policy on academic honesty is at the end of this sheet.

Missed exams: An exam missed for serious, extenuating circumstances (severe illness, accident—all need to be documented) can be replaced by the appropriate percentage of the final exam score. This only works for one exam.

Class attendance, class preparation: You are expected to have read reading assignments before class and may be quizzed on them. Class attendance goes in with class participation. If you miss more than six classes your grade will go down by 5%. Disruption of class could cause you to be asked to leave and so miss class.

Missed quizzes: If there is a very legitimate documented excuse for a missed quiz it can be made up. Inform me immediately of such circumstances.

Late homework, projects: Homework turned in late will receive 50% of the original grade if it is one day late, 30% if it is less than 4 days late, and nothing if it is later than that. The one exception to this is documented severe illness, etc. In general for such cases you should contact me as soon as possible.

Students with Special Needs - Disability Services
Any student who feels that he/she may need academic accommodations in order to meet the requirements of this course—as outlined in the syllabus, due to presence of a disability, should contact the Office of Diversity and Affirmative Action. Please telephone the office at 314-977-8885, or visit DuBourg Hall Room 36. Confidentiality will be observed in all inquiries.

Parks College Academic Honesty Policy
Students are expected to be honest in their academic work. Parks College of Engineering and Aviation reserves the right to penalize any student whose academic conduct at any time is, in the College's judgment, detrimental to the college. Such conduct shall include plagiarism, collusion, cheating,
giving, receiving, offering or soliciting information in examinations, or the use of previously prepared material in examinations or quizzes. Such charges should be reported to the Associate Dean. If the charges are found to be accurate, the student may be subject to disciplinary probation, suspension, or dismissal from the he filing of charges against a student by a faculty member is entirely optional; the faculty member may choose to handle violations through the imposition of academic sanctions without filing written charges. In this event, the specifications of this policy do not apply.