

Dr. Sunwoo Kim
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Office hours: Tue 3:30~4:30 pm, Wed 1~2 pm, or by appointment
Office: Duckering 323
Tues/Thurs 11:30 am - 1:00 pm, Duckering 341
ES 331, ES 341, and ES 346

Exams

There will be three exams through the semester. Each exam will cover all materials discussed in classroom. Students must take exams when scheduled. No make-up exam will be given unless the instructor is provided with a written explanation ahead of time and approves it.

Term Paper and Presentation

Term paper and presentation are to evaluate the last student learning outcome described above. Students will choose a flow structure in engineering or any man-made system. Then, discover the function of the flow system and apply the constructal law to provide maximum flow access, subject to the system global constraints.

Students will submit a statement of topic selection (2 pages maximum) to the instructor by March 16. The instructor will inform them whether the topic is appropriate within 7 days. The next is term paper (8 pages maximum) due Apr. 13. A term paper contains 1) general description of the flow system, 2) description of the global constraints and 3) final results (design, performance improvements). Presentation will take place in the week of Apr. 24.

Students are responsible for all material covered in class. The work submitted for grading should represent their individual effort. The course requires students to respect UAF policies on ethics and professionalism. The professor reserves the right to adjust final grades up or down based on a

Contact the Elmer E. Rasmuson Library at UAF reference desk for help with research.
<http://library.uaf.edu> or 907-474-7481

UAF Help Desk. Go to <http://www.alaska.edu/oit/> to see about current network outages and news. Reach the Help Desk at: e-mail at helpdesk@alaska.edu or phone: 450-8300 (in the Fairbanks area) or 1-800-478-8226 (outside of Fairbanks)

UAF eLearning Student Services helps students with registration and course schedules, provides information about lessons and student records, assists with the examination process, and answers general questions. Our Academic Advisor can help students communicate with instructors, locate helpful resources, and maximize their distance learning experience. Contact the UAF eLearning Student Services staff at 907-479-3444 or toll free 1-800-277-8060 or contact staff directly – for directory listing see: <http://elearning.uaf.edu/contact>

Title IX See <http://www.uaf.edu/oeo/civil-rights/aa-eo/> University of Alaska Board of Regents have clearly stated in BOR Policy that discrimination, harassment and violence will not be tolerated on any campus of the University of Alaska. If you believe you are experiencing discrimination or any form of harassment including sexual harassment/misconduct/assault, you are encouraged to report that behavior. If you report to a faculty member or any university employee, they must notify the UAF Title IX Coordinator about the basic facts of the incident. Your choices for reporting include: 1) You may access confidential counseling by contacting the UAF Health & Counseling Center at 474-7043; 2) You may access support and file a Title IX report by contacting the UAF Title IX Coordinator at 474-6600; 3) You may file a criminal complaint by contacting the University Police Department at 474-7721.

UA is an AA/EO employer and educational institution and prohibits illegal discrimination against any individual: www.alaska.edu/nondiscrimination.

Your instructor follows the University of Alaska Fairbanks Incomplete Grade Policy: "The letter "I" (Incomplete) is a temporary grade used to indicate that the student has satisfactorily completed (C or better) the majority of work in a course but for personal reasons beyond the student's control, such as sickness, he or she has not been able to complete the course during the regular semester. Negligence or indifference are not acceptable reasons for an "I" grade."

Effective communication: Students who have difficulties with oral presentations and/or writing are strongly encouraged to get help from the UAF Department of Communication's Speaking Center (Phone 907-474-5470, email speak@uaf.edu) and the UAF English's Department's Writing Center (Phone 907-474-5314, location Gruening 8th floor).