The University of Iowa  
College of Liberal Arts and Sciences  
Department of Statistics and Actuarial Science  
ACTS:4180 (22S:181)  Life Contingencies I     Spring Semester 2018  
3:30PM - 4:20PM  MWF 109 EPB  
Instructor: Dr. E.S.W. Shiu    Office: 362 SH  Phone: 335 2580  E-mail: elias-shiu@uiowa.edu  
Office Hours:  1:45–3:15 PM Tuesday and Thursday, or by appointment  
Department: Statistics & Actuarial Science, 241 SH  Phone: 335 2082  
D.E.O.: Dr. Joseph B. Lang    Phone: 335 0712  E-mail: joseph-lang@uiowa.edu  
Prerequisites: C+ or better in each of ACTS:3080 (22S:180), ACTS:4130 (22S:174), and STAT:4100 (22S:153). Calculus and probability are used extensively in this course.  
This course is based on the syllabus for the Society of Actuaries (SOA) examination Long-Term Actuarial Mathematics (LTAM). It is expected that students will write LTAM on October 26. The LTAM textbook is *Actuarial Mathematics for Life Contingent Risks*, 2nd ed (2013), by D.C.M. Dickson, M.R. Hardy, and H.R. Waters, Cambridge University Press. The course will cover its Chapters 5 to 8.  
Below are some useful references.  

There will be a 50-minute in-class test on Wednesday, January 24, and three evening (6:30 to 8:30 pm, Room 40 SH) midterm exams on February 22 (Thursday), March 20 (Tuesday), and April 20 (Friday).  

**You are to use an official SOA calculator.** Tentatively, the final grade (H.W. 7% + Midterm Exams 7% + 20% + 20% + Final Exam 26%) will be assigned as follows:  
Undergrads  
F[0, 40); D[40, 45); D+[45, 50); D+[50, 55); C+[55, 60); C[60, 65);  
C+[65, 70); B−[70, 75); B[75, 80); B+[80, 85); A−[85, 90); A[90, 95); A+[95, 100]  
Graduate students  
F[0, 46); D[46, 50.5); D+[50.5, 55); D+[55, 59.5); C−[59.5, 64); C[64, 68.5); C+[68.5, 73); B−[73, 77.5); B[77.5, 82); B+[82, 86.5); A−[86.5, 91); A[91, 95.5); A+[95.5, 100]
Administrative Home
The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Academic Policies Handbook at https://clas.uiowa.edu/students/handbook.

Electronic Communication
University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences (Operations Manual, III.15.2, k.11).

Accommodations for Disabilities
The University of Iowa is committed to providing an educational experience that is accessible to all students. A student may request academic accommodations for a disability (which includes but is not limited to mental health, attention, learning, vision, and physical or health-related conditions). A student seeking academic accommodations should first register with Student Disability Services and then meet with the course instructor privately in the instructor's office to make particular arrangements. Reasonable accommodations are established through an interactive process between the student, instructor, and SDS. See https://sds.studentlife.uiowa.edu/ for information.

Nondiscrimination in the Classroom
The University of Iowa is committed to making the classroom a respectful and inclusive space for all people irrespective of their gender, sexual, racial, religious or other identities. Toward this goal, students are invited to optionally share their preferred names and pronouns with their instructors and classmates. The University of Iowa prohibits discrimination and harassment against individuals on the basis of race, class, gender, sexual orientation, national origin, and other identity categories set forth in the University’s Human Rights policy. For more information, contact the Office of Equal Opportunity and Diversity, diversity@uiowa.edu, or visit diversity.uiowa.edu.

Academic Honesty
All CLAS students or students taking classes offered by CLAS have, in essence, agreed to the College's Code of Academic Honesty: "I pledge to do my own academic work and to excel to the best of my abilities, upholding the IOWA Challenge. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty." Any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled (CLAS Academic Policies Handbook).

CLAS Final Examination Policies
The final examination schedule for each class is announced by the Registrar generally by the fifth week of classes. Final exams are offered only during the official final examination period. No exams of any kind are allowed during the last week of classes. All students should plan on being at the UI through the final examination period. Once the Registrar has announced the date, time, and location of each final exam, the complete schedule will be published on the Registrar's web site and will be shared with instructors and students. It is the student's responsibility to know the date, time, and place of a final exam.

Making a Suggestion or a Complaint
Students with a suggestion or complaint should first visit with the instructor (and the course supervisor), and then with the departmental DEO. Complaints must be made within six months of the incident (CLAS Academic Policies Handbook).

Understanding Sexual Harassment
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Office of the Sexual Misconduct Response Coordinator for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather
In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Department of Public Safety website