Spring 2017 CS 1025 01 --- 12 MWF ITTC 134 (*StudioIT 1*)

Mark Jacobson Home (cell) phone: (319) 233–5610

Offices: WRT 338A and ITTC 307 (old East Gym)
UNI email address: **jacobson**@cs.uni.edu
2nd office in WRT 338A, 4th floor, Stat Consulting

Office hours: 9am–11am MWF in 338A Wright Hall; Office hours in WRT 338A

9am–1pm Tuesday WRT 338A URL: http://www.cs.uni.edu/~jacobson

and by appointment almost anytime

VIP: Please <u>notify in advance</u> by email or after class <u>whenever possible</u>! <u>Appointments</u> are best and can also be arranged almost anytime outside of office hours and on weekends too. Note that I have two offices (ITTC 307 and WRT 338A).

Fall 2017 class schedule: 12:00 MWF and 2–3:15 TTh

## Grading on exams, homework and quizzes.

- 1. **Two tests will count for 40 %.** The first test will be tentatively scheduled for Monday, March 6<sup>th</sup>. The second test will be tentatively scheduled for Monday, April 10<sup>th</sup>.
- 2. **The take–home final exam period project/activity for about 10 % of your grade.** The final is scheduled for for 1–2:50 pm on Monday, May 1<sup>st</sup>. The final exam will be a takehome test and an in–class final exam period <u>activity</u> (Ghostbusters, Pretty Woman, Dances With Wolves, Much Ado About Nothing wrap up rap and class discussion with group presentations).
- 3. Class participation/citizenship/attendance will count for 15 % of your grade. Taking notes and having your notebook out is part of class participation. Being an active, helpful part of group exercises and an EXCEL—lent model of a UNI Panther student citizen in the hopefully lively DAYS OF OUR CLASSES is an essential part of class participation. NO MOBILE DEVICES or cell phones can be used or in sight after class begins.
- 4. The homework assignments and projects will be worth 35 % of the total grade. Some of the homework assignments will be completed and checked off in class. Some of the assignments may be done within or submitted through UNI eLearning.

## Where to use Scratch, Autodesk Maya, Adobe After Effects, Adobe Flash, NetLogo, Excel and Vensim at UNI:

- Adobe After Effects is FREE for a 30 day trial period. Labs that will have Adobe After Effects on campus: Lang 213 lab has it on PCs. The KAB labs have After Effects on Macintosh computers. The Production House on 2<sup>nd</sup> floor of ITTC has After Effects. Adobe <u>Flash</u> is available in all of the SCC computer labs (Library, Maucker Union, Towers, Redeker, Roth, Campbell, Lawther, Schindler and the Wellness Center.
- **Ventana Vensim is FREE** and easy to install. Vensim is available in all of the SCC (Student Computer Center) labs. Also the CNS (College of Natural Sciences) computer labs. Wright Hall labs, ITT 335 lab just down the hall from my 307 ITTC office, McCollum Science, and all CNS labs have Vensim.
- **NetLogo is FREE** and easy to download and install. NetLogo is available in all the CNS labs. Wright Hall and ITT 335 are probably where most of you would access it. It is available in the Union, Redeker, Towers, Campbell, Lawther and all of the SCC labs.
- Microsoft Excel is not free but is available in every lab on the UNI campus. It is available to UNI Panthers (students, staff, and faculty) at very low prices through the CCC (Computer Consulting Center) on ground floor of the ITTC building (old East Gym). We won't do too much Excel, so you certainly will be able to easily

- complete those assignments in an SCC lab (Student Computer Center) such as the Rod Library or Maucker Union or any CNS lab or any lab on campus. Microsoft Office is available everywhere at UNI.
- Scratch is FREE. We may or may not get to the Scratch software. It is very easy to use and learn.
- Autodesk MAYA is FREE for a 30 day trial and free for 36 months to students and faculty. It will be
  available in many labs at UNI.
- This class has no prerequisites. No previous computer experience is assumed in this LAC course. You will be given extensive lab and hands-on experience and support material with each software package for the things you need to do with it. The support material will include handouts, examples very similar to what you are assigned, online video demonstrations and tutorials.

## **Miscellaneous topics:**

- Any student who requires some modification of seating, testing, or other class requirements should speak with the instructor at the beginning of the semester.
- When sending email, <u>sign with your first name</u> at the end of the note. <u>Sign your first name</u> to email <u>notes, always!!!!</u>
- Feel free to leave early for an appointment or whatever as that is never a problem but it is always nice to be told before class starts.
- The four classes **CS 1000, CS 1010, CS 1020** and **CS 2880** give you **computer applications certification** from the computer science department. 12 hours of credits is required. There are lots of options besides these classes that can be substituted. You will be allowed to use this CS 1025 Modern Tools for Exploring Data / Computational Modeling and Simulation class to substitute for CS 1000.
- CS 2880 (Topics in Computing: ???) also counts for certification. It is offered every semester. It can be substituted for 810:021 or 810:023 or 810:030 or can be taken as an extra class in addition to the 021, 022, 023 and 030 certification classes. It can be repeated as a different topic. It is offered regularly as Maya 3D Graphics (Fall 2008, Spring 2009, Fall 2009, Fall 2012, Spring 2013, Fall 2013) or as Visual Effects, Animation, and Motion Graphics (summer 2009, spring 2010, fall 2010, fall 2011 and spring of 2012).
- CS 2880 11 Topics in Computing: Maya 3D Graphics will be offered again in 2017, i.e. in the spring of 2016. Maya has won 3 academy awards and is extensively used in the movie and game industry. This counts toward the certificate in computer applications!
- Check the web site for our class often. It will have class lecture and lab reviews, links to the free downloadable software, details about assignments, announcements and reminders of quizzes, a class calendar, video tutorials and more.
- It is best to email me or talk with me before or after class to let me know you want to stop by, even if it is office hours. I have other appointments so if we arrange ahead of time a certain day and time and office (WRT 338A or ITTC 307), it is guaranteed that I am there in the office and there are no other appointments at the same time.
- Some extra credit is available after you take the 2<sup>nd</sup> exam. There are NO exams after the 2<sup>nd</sup> exam. That means you have a less stressful finals week! ☺
- I have taught Chemistry, Sociology, Tae Kwon Do, Mathematics and Computer Science at UNI. I have taught classes at University of Iowa in the School of Social Work, the Computer Science department, and Weeg Computing Center.
- NO MOBILE DEVICES or cell phones can be used or in sight after class begins. If you have a particular situation on a given day the requires you to be immediately available for an emergency you can let me know before class begins.
- Attendance and citizenship is 15 percent of the grade for this class. Attitude is part of citizenship since
  we have lots of group work. Attitudes are contagious, so it is good to have one that is worth catching
  and adds to the class and your group.

http://www.cs.uni.edu/~jacobson/1025/12/

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