Syllabus for Peer Production (Open Source Software, Wikipedia, & Beyond)

INF 385T - Special Topics in Information Science

James Howison

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| Course | INF 385T Peer Production (Open Source Software, Wikipedia, and Beyond) |
| Professor | James Howison |
| Meeting Time | Tuesdays 9—11:45am |
| Location | UTA 1.212 |
| Semester | Spring 2018 |
| Unique No. | 27310 |
| Office Hours | By appointment (please email) |
| Contact Email | [jhowison@ischool.utexas.edu](mailto:jhowison@ischool.utexas.edu) |

# Objectives and Assignments

This course explores “peer production” which is a name for the open collaborations that produce things like open source software and Wikipedia. Perhaps not coincidentally the Wikipedia page on [Peer Production](https://en.wikipedia.org/wiki/Peer_production) is quite useful:

[A] way of producing goods and services that relies on self-organizing communities of individuals. In such communities, the labor of a large number of people is coordinated towards a shared outcome.

As we learn about peer production we’ll learn to distinguish it from different kinds of online collaborations, such as crowdsourcing, citizen science, question and answer sites, and mere sharing of code. Near synonyms for the way of working taught in this course are: “The open source way”, “Open collaboration”, “Open mass production”.

This is a course is about a sociotechnical phenomenon and it takes a sociotechnical approach. In practice this means that we’ll be learning both conceptual insight and practical skills. The course weaves together learning how to use key technologies of collaboration (e.g., git, github, travisCI, markdown) at the same time that we learn social and organizational theory about peer production (e.g., the role copyright licenses, motivations of participants, governance models, coordination theory, models of collaboration risk, cultures of collaboration).

There are no pre-requistes for this course. While we will be discussing software development students will not be required to program. We will use the command line as we learn to use git and github everything will be covered in class.

## Learning Objectives

Students will be able to:

* Conceptually distinguish peer production from other organizational forms or phenomena, such as corporations, crowdsourcing, open access publishing, and communities of practice.
* Reason about how, why, and when peer production works (and when it does not!)
* Engage critically with published research and popular discourse about peer production

Practically students will be able to:

* Install and use git to manage versions in their own work
* Participate in github hosted peer production (making and receiving pull requests)
* Create and publish documents in markdown and wikitext format
* Apply a machine-readable Creative Commons license to works
* Ask technical questions that people want to answer
* Participate in a peer production project of their choice

## Assessments

|  |  |  |
| --- | --- | --- |
| Assignment | Percentage of Course Grade | Due Date |
| Class Participation (discussion and activites) | 25% | Throughout course |
| Technical challenges | 25% | Weekly from Jan 30 through March 6 |
| PP Participation Project: community identification | 10% | Sun 25 March at 11:59pm |
| Peer production adaptation paper | 20% | Sun 8 April at 11:59pm |
| PP Participation Project: experience report | 10% | Sun 29 April at 11:59pm |
| PP Participation Project: presentation | 10% | Final class, May 1 |
| There is no final exam for this course. |  |  |

Grading will follow Texas Information School recommendations (including A, A-, B+, and so on).

### Participation in class discussion and activities

Students are expected to attend class and to participate in discussion and activities. Students should email the professor prior to class if they cannot make it. Material throughout the course builds on earlier material (both technical and conceptual). If you cannot make class you should refer to the online materials first and then consult with your classmates. Office hours are not for personal replays of teaching, nor can they compensate for not participating in discussion.

### Technical Challenges

The course will have assignments based on the technical topics we are learning, including use of the DataCamp course (see below).

### Peer production adaptation paper

For this assignment students will write a 2,000 word scholarly essay describing and analyzing efforts to adapt peer production outside of software development and wikipedia. Examples could include open hardware, open governance, open culture, and everyone is encouraged to find a project relevant to their own interests. The paper should draw on the conceptual literature to compare and contrast the challenge faced by these adaptation efforts to what we’ve learned about “the open source way”. Students will conduct at least one interview with participants (or former participants if the effort is no longer continuing). The paper will also describe the collaboration infrastructure and compare it to the technologies we have learned in class).

The paper will be authored in Markdown and submitted via a pull request to the class github.

### Peer Production Participation Project

Students will identify and participate in an active peer production community of their choosing. The activity does not have to be software development and does not have to use git or github. For example, it could be reading and contributing a chapter of a book to [LibriVox](https://librivox.org/) or working with a [WikiProject](https://en.wikipedia.org/wiki/Wikipedia:WikiProject). If you are already involved in a peer production project you may use that, but most will be entering afresh. All components should reference the insight readings that we do througout the course.

There are three graded components, each to be submitted via a pull request.

1. Identifying and describing a peer production community. ~500 words. Authored in plain text or markdown. This paper should clearly identify the community and argue for it being a peer production community. The paper should describe how the student thinks the peer production community works and their expectations about participation.
2. Participating and describing that participation in an experience report of ~500 words, authored in Markdown. Students should describe their experience in the project. At a minimum the paper should desribe the work done, how it was contributed, as well as whether and how the work was reviewed. Students should compare their experience with their expectations described in the first paper.
3. Creating and giving a presentation on their participation. This should be 4-6 slides long and be authored using Markdown that produces slides. Presentations will occur in our final two class meetings.

## Materials

There are no required texts for this course and no materials to purchase.

Readings, tutorials, and will be provided via pages linked from the class calendar below.

I have enrolled the class in [DataCamp](https://www.datacamp.com/), giving students free access to the DataCamp courses (including their premium courses). In particular we will be using their interactive course on git during classes in the first half of the course. I encourage students to explore their other course options during the semester.

# Course Outline

## Course Schedule

Table below shows classes and topics planned. Each class has both an insight (aka theory, conceptual) and a skills (aka tech, practical) component. These will become links to materials for the class.

class\_day

class\_name

insight\_topic

skill\_topic

tech\_commands

Tue Jan 16

No meeting: Weather Cancellation

none

none

none

Tue Jan 23

Introductory activity and Syllabus Review

none

none

none

Tue Jan 30

Content class 1

Peer production vs other organizational forms

Tech setup workshop

[terminal, command line, git install, github account](./tech_setup.html)

Tue Feb 06

Content class 2

Peer production case studies

Files. diffs, versions

git diff, add, commit (locally)

Tue Feb 13

Content class 3

Licenses

Commits, blobs, and tree

git diff continued HEAD and HEAD~1

Tue Feb 20

Content class 4

Motivations

Rewinding work

revert, other undos, checking out old versions, rewriting history

Tue Feb 27

Content class 5

Coordination

Branching

git checkout, manual merge

Tue Mar 06

Content class 6

Governance

Sharing and conflicts

github fork, git clone, push, pull request, pull upstream, merge, conflicts, mark resolved

Tue Mar 13

No meeting: Spring break

none

none

none

Tue Mar 20

Content class 7

Agile and Test Driven Development

Testing and Continuous Integration

Test suites, Travis CI integration, github bots

Tue Mar 27

Content class 8

Knowledge Sharing

Release management

[Git exercises](additional_git_exercises.html) and github releases, git tag

Tue Apr 03

Content class 9

Bias and lack of diversity

Documentation and Q&A

github flavored markdown

Tue Apr 10

Content class 10

Peer production in Wikipedia

Wikipedia Editing

wiki syntax, referencing

Tue Apr 17

Content class 11

Peer production in Science

Executable Papers

rmarkdown, knitr, rstudio

Tue Apr 24

Content class 12

Peer production in Art and Culture

Machine Readable Creative Commons Licenses

CC web tools and xml

Tue May 01

Presentations

none

none

none

## Skills Readings

Files. diffs, versions

DataCamp Git Chapter 1 - Basic Workflow

[link](https://campus.datacamp.com/courses/introduction-to-git-for-data-science/basic-workflow)

Commits, blobs, and tree

DataCamp Git Chapter 2 - Repositories

[link](https://campus.datacamp.com/courses/introduction-to-git-for-data-science/repositories)

Only the very first lesson of “Learning Git Branching” site (useful visualizations of trees)

[link](https://learngitbranching.js.org/)

Rewinding work

DataCamp Git Chapter 3 - Undo

[link](https://campus.datacamp.com/courses/introduction-to-git-for-data-science/undo)

Branching

DataCamp Git Chapter 4 - Branches

[link](https://campus.datacamp.com/courses/introduction-to-git-for-data-science/working-with-branches)

Sharing and conflicts

DataCamp Git Chapter 5 - Collaborating

[link](https://campus.datacamp.com/courses/introduction-to-git-for-data-science/collaborating)

Testing and Continuous Integration

TravisCI For Beginners

[link](https://docs.travis-ci.com/user/for-beginners/)

TravisCI Getting Started

[link](https://docs.travis-ci.com/user/getting-started/)

Release management

Github Release Announcement

[link](https://github.com/blog/1547-release-your-software)

Github Help on Releases

[link](https://help.github.com/articles/creating-releases/)

Documentation and Q&A

Github Markdown

[link](https://guides.github.com/features/mastering-markdown/)

Commonmark Markdown Tutorial

[link](http://commonmark.org/help/tutorial/)

Citations and references in Markdown

[link](https://rmarkdown.rstudio.com/authoring_bibliographies_and_citations.html)

Wikipedia Editing

Wikipedia Student Tutorial

[link](https://en.wikipedia.org/wiki/Wikipedia:Training/For_students)

Executable Papers

Datacamp Rmarkdown - Chapter 1

[link](https://campus.datacamp.com/courses/reporting-with-r-markdown/chapter-one-authoring-r-markdown-reports)

Machine Readable Creative Commons Licenses

Marking your work with a CC license

[link](https://wiki.creativecommons.org/wiki/Marking_your_work_with_a_CC_license)

CC Best practices for attribution

[link](https://wiki.creativecommons.org/wiki/Best_practices_for_attribution)

## Insight Readings

Often I can link directly to websites or PDFs, but sometimes I will provide links to articles in journals etc. You must be able to get the article through the library, generally speaking using the [web VPN](http://vpn.utexas.edu) is the most convenient approach. Another option that can sometimes work is [UnPaywall](http://unpaywall.org/) which works to find an open access article version when looking at a publisher’s page for the article.

Peer production vs other organizational forms

Benkler, Peer Production and Cooperation.

[link](http://www.benkler.org/Peer%20production%20and%20cooperation%2009.pdf)

Levine, S. S., & Prietula, M. J. (2013). Open Collaboration for Innovation: Principles and Performance. Organization Science, 25(5), 1414–1433.

[link](https://doi.org/10.1287/orsc.2013.0872)

Eric Raymond. The Cathdral and the Bazaar

[link](http://www.catb.org/esr/writings/cathedral-bazaar/cathedral-bazaar/)

Richard Millington. Types of online communities.

[link](https://www.feverbee.com/types-of-community-and-activity-within-the-community/)

Don Tapscott. Wikinomics. Chpt 3: “Peer Pioneers” (p. 77)

[link](http://www.labeee.ufsc.br/~luis/egcec/livros/globaliz/Wikinomics.pdf)

Peer production case studies

Section “Discovery: Participation Observation” in Howison, J., & Crowston, K. (2014). Collaboration through open superposition: A theory of the open source way. MIS Quarterly, 38(1), 29–50.

[link](http://james.howison.name/pubs/howison-2014-superposition.pdf)

Chapter “Coordinating Collaboration” of Kelty, C. M. (2008). Two Bits: The Cultural Significance of Free Software. Durham: Duke University Press Books.

[link](http://twobits.net/pub/Kelty-TwoBits.pdf)

Giving it Away: How Red Hat Software Stumbled Across a New Economic Model and Helped Improve an Industry. Robert Young (Founder of RedHat software)

[link](http://www.oreilly.com/openbook/opensources/book/young.html)

Freeing the Source: The Story of Mozilla (Jim Hamerly and Tom Paquin with Susan Walton)

[link](http://www.oreilly.com/openbook/opensources/book/netrev.html)

Geiger, R. S., & Ribes, D. (2010). The Work of Sustaining Order in Wikipedia: The Banning of a Vandal. In Proceedings of the 2010 ACM Conference on Computer Supported Cooperative Work (pp. 117–126). New York, NY, USA: ACM.

[link](https://doi.org/10.1145/1718918.1718941)

Licenses

GNU General Public License v 3.0

[link](https://www.gnu.org/licenses/gpl-3.0.txt)

Chapter “Writing Copyright Licenses” of Kelty, C. M. (2008). Two Bits: The Cultural Significance of Free Software. Durham: Duke University Press Books.

[link](http://twobits.net/pub/Kelty-TwoBits.pdf)

The GNU Project

[link](https://www.gnu.org/gnu/thegnuproject.en.html)

Creative Commons v4.0 license BY-SA (read others if you have time)

[link](https://creativecommons.org/licenses/by-sa/4.0/)

More background about the Cisco case, FSF blog

[link](https://www.fsf.org/blogs/licensing/2008-12-cisco-complaint)

FSF Settles Suit Against Cisco

[link](https://www.fsf.org/news/2009-05-cisco-settlement.html)

Black Duck Software: Open Source License Compliance

[link](https://www.blackducksoftware.com/solutions/open-source-license-compliance)

The Legal Side of Open Source

[link](https://opensource.guide/legal/)

Broadening node.js contributions (Contributor Agreement)

[link](https://www.joyent.com/blog/broadening-node-js-contributions)

Motivations

Nov, O. (2007). What motivates Wikipedians? Communications of the ACM, 50(11), ACM New York, NY, USA.

[link](https://doi.org/10.1145/1297797.1297798)

Lakhani, K., & von Hippel, E. (2003). How open source software works: “free” user-to-user assistance. Research Policy, 32(6), 923–943.

[link](https://doi.org/10.1016/S0048-7333(02)00095-1)

Ryan, R. M., & Deci, E. L. (2000). Intrinsic and Extrinsic Motivations: Classic Definitions and New Directions. Contemporary Educational Psychology, 25(1), 54–67.

[link](https://doi.org/10.1006/ceps.1999.1020)

Section on Motivations in: Crowston, K., Wei, K., Howison, J., & Wiggins, A. (2012). Free (Libre) Open Source Software Development: What We Know and What We Do Not Know. ACM Computing Surveys, 44(2), Article 7.

[link](https://doi.org/10.1145/2089125.2089127)

Lee, A., Carver, J. C., & Bosu, A. (2017). Understanding the Impressions, Motivations, and Barriers of One Time Code Contributors to FLOSS Projects: A Survey. In Proceedings of the 39th International Conference on Software Engineering (pp. 187–197). Piscataway, NJ, USA: IEEE Press.

[link](https://doi.org/10.1109/ICSE.2017.25)

Crowston, K., & Fagnot, I. (2018). Stages of motivation for contributing user-generated content: A theory and empirical test. International Journal of Human-Computer Studies, 109, 89–101.

[link](https://doi.org/10.1016/j.ijhcs.2017.08.005)

Coordination

Malone, T. W., & Crowston, K. (1994). The interdisciplinary theory of coordination. ACM Computing Surveys, 26(1), 87–119.

[link](https://doi.org/10.1145/174666.174668)

Expectancy Theory (Wikipedia)

[link](https://en.wikipedia.org/wiki/Expectancy_theory)

Expectancy Theory (useful figure)

[link](https://iedunote.com/expentancey-theory)

Kiggundu, M. N. (1983). Task interdependence and job design: Test of a theory. Organizational Behavior and Human Performance, 31(2), 145–172.

[link](https://doi.org/10.1016/0030-5073(83)90118-6)

Rest of Howison, J., & Crowston, K. (2014). Collaboration through open superposition: A theory of the open source way. MIS Quarterly, 38(1), 29–50.

[link](http://james.howison.name/pubs/howison-2014-superposition.pdf)

Slides for Open Superposition presentation

[link](Howison-PP-OpenSuperposition.pdf)

Lindberg, A., Berente, N., Gaskin, J., & Lyytinen, K. (2016). Coordinating Interdependencies in Online Communities: A Study of an Open Source Software Project. Information Systems Research, 27(4), 751–772.

[link](https://doi.org/10.1287/isre.2016.0673)

Governance

OSS Watch Governance Models

[link](http://oss-watch.ac.uk/resources/governancemodels)

Shah, S. K. (2006). Motivation, governance, and the viability of hybrid forms in open source software development. Management Science, 52(7), 1000–1014.

[link](https://doi.org/10.1287/mnsc.1060.0553)

Chapter 4 “Social and Political Infrastructure” from Fogel, Karl (2018) “Producing OSS: How to Run a Successful Free Software Project”

[link](https://producingoss.com/en/social-infrastructure.html)

Chapter 8 “Managing Participants” from from Fogel, Karl (2018) “Producing OSS: How to Run a Successful Free Software Project”

[link](https://producingoss.com/en/managing-participants.html)

Optional (except for Doctoral and aspiring doctoral students) Shaikh, M., & Henfridsson, O. (2017). Governing open source software through coordination processes. Information and Organization, 27(2), 116–135.

[link](https://doi.org/10.1016/j.infoandorg.2017.04.001)

Agile and Test Driven Development

Giddings, R. V. (1984). Accommodating Uncertainty in Software Design. Commun. ACM, 27(5), 428–434.

[link](https://doi.org/10.1145/358189.358066)

Wikpedia on Continuous Integration

[link](https://en.wikipedia.org/wiki/Test-driven_development)

Vasilescu, B., Yu, Y., Wang, H., Devanbu, P., & Filkov, V. (2015). Quality and Productivity Outcomes Relating to Continuous Integration in GitHub. In Proceedings of the 2015 10th Joint Meeting on Foundations of Software Engineering (pp. 805–816). New York, NY, USA: ACM.

[link](https://doi.org/10.1145/2786805.2786850)

Bias and lack of diversity

Antin, J., Yee, R., Cheshire, C., & Nov, O. (2011). Gender Differences in Wikipedia Editing. In Proceedings of the 7th International Symposium on Wikis and Open Collaboration (pp. 11–14). New York, NY, USA: ACM.

[link](https://doi.org/10.1145/2038558.2038561)

Hecht, B., & Gergle, D. (2010). The Tower of Babel Meets Web 2.0: User-generated Content and Its Applications in a Multilingual Context. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 291–300). New York, NY, USA: ACM. <https://doi.org/10.1145/1753326.1753370>

[link](http://dgergle.soc.northwestern.edu/resources/HechtAndGergle_TowerOfBabel-CHI2010.pdf)

Nearly All of Wikipedia Is Written By Just 1 Percent of Its Editors

[link](https://motherboard.vice.com/en_us/article/7x47bb/wikipedia-editors-elite-diversity-foundation)

Inside Wikipedia’s Attempt to Use Artificial Intelligence to Combat Harassment

[link](https://motherboard.vice.com/en_us/article/aeyvxz/wikipedia-jigsaw-google-artificial-intelligence)

A Code of Conduct for Open Source Projects (click through to markdown version)

[link](https://www.contributor-covenant.org/)

Peer production in Wikipedia

Kittur, A., & Kraut, R. E. (2008). Harnessing the Wisdom of Crowds in Wikipedia: Quality Through Coordination. In Proceedings of the ACM Conference on Computer-Supported Cooperative Work (CSCW 2008) (pp. 37–46). San Diego, CA.

[link](https://doi.org/10.1145/1460563.1460572)

Butler, B., Joyce, E., & Pike, J. (2008). Don’t Look Now, but We’Ve Created a Bureaucracy: The Nature and Roles of Policies and Rules in Wikipedia. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 1101–1110). New York, NY, USA: ACM.

[link](https://doi.org/10.1145/1357054.1357227)

Baker, M. J., Détienne, F., & Barcellini, F. (2017). Argumentation and Conflict Management in Online Epistemic Communities: A Narrative Approach to Wikipedia Debates. In Interpersonal Argumentation in Educational and Professional Contexts (pp. 141–157). Springer, Cham.

[link](https://doi.org/10.1007/978-3-319-59084-4_7)

# Policies

## Academic Integrity

Each student in the course is expected to abide by the University of Texas Honor Code: “As a student of The University of Texas at Austin, I shall abide by the core values of the University and uphold academic integrity.” Plagiarism is taken very seriously at UT. Therefore, if you use words or ideas that are not your own (or that you have used in previous class), you must cite your sources. Otherwise you will be guilty of plagiarism and subject to academic disciplinary action, including failure of the course. In particular, students are reminded that proper citation requires mentioning sources when you use them, not just in a general list of references at the end of a document. You are responsible for understanding UT’s Academic Honesty and the University Honor Code which can be found at the following web address: <http://deanofstudents.utexas.edu/sjs/acint_student.php>

## Student rights and responsibilities

* You have a right to a learning environment that supports mental and physical wellness.
* You have a right to respect.
* You have a right to be assessed and graded fairly.
* You have a right to freedom of opinion and expression.
* You have a right to privacy and confidentiality.
* You have a right to meaningful and equal participation, and to self-organize groups to improve your learning environment.
* You have a right to learn in an environment that is welcoming to all people. No student shall be isolated, excluded or diminished in any way.

With these rights come responsibilities:

* You are responsible for taking care of yourself, managing your time, and communicating with the teaching team and with others if things start to feel out of control or overwhelming.
* You are responsible for acting in a way that is worthy of respect and always respectful of others.
* Your experience with this course is directly related to the quality of the energy that you bring to it, and your energy shapes the quality of your peers’ experiences.
* You are responsible for creating an inclusive environment and for speaking up when someone is excluded. In particular, you are responsible for ensuring that your participation does not exclude the participation of others. Office hours are available for in-depth further discussion of advanced topics or other interests that pursuing in depth during class would exclude others.
* You are responsible for holding yourself accountable to these standards, holding each other to these standards, and holding the teaching team accountable as well.

## Personal Pronoun Preference

Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with differences of race, culture, religion, politics, sexual orientation, gender, gender variance, and nationalities. Class rosters are provided to the instructor with the student’s legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records.

## Drop Policy

If you want to drop a class after the 12th class day, you’ll need to execute a Q drop before the Q-drop deadline, which typically occurs near the middle of the semester. Under Texas law, you are only allowed six Q drops while you are in college at any public Texas institution. For more information, see: <http://www.utexas.edu/ugs/csacc/academic/adddrop/qdrop>

International students *must* [meet with the international office](https://world.utexas.edu/isss/visa/maintain/student) before dropping a class that would put them below full-time status.

## University Resources for Students

Your success in this class is important to me. We will all need accommodations because we all learn differently. If there are aspects of this course that prevent you from learning or exclude you, please let me know as soon as possible. Together we’ll develop strategies to meet both your needs and the requirements of the course. There are also a range of resources on campus, detailed below.

### Services for Students with Disabilities

This class respects and welcomes students of all backgrounds, identities, and abilities. If there are circumstances that make our learning environment and activities difficult, if you have medical information that you need to share with me, or if you need specific arrangements in case the building needs to be evacuated, please let me know. I am committed to creating an effective learning environment for all students, but I can only do so if you discuss your needs with me as early as possible. I promise to maintain the confidentiality of these discussions. If appropriate, also contact Services for Students with Disabilities, 512-471-6259 (voice) or 1-866-329- 3986 (video phone). <http://ddce.utexas.edu/disability/about/>

### Counseling and Mental Health Center

All of us benefit from support during times of struggle. You are not alone. There are many helpful resources available on campus and an important part of the college experience is learning how to ask for help. Asking for support sooner rather than later is often helpful.

If you or anyone you know experiences any academic stress, difficult life events, or feelings like anxiety or depression, we strongly encourage you to seek support. <http://www.cmhc.utexas.edu/individualcounseling.html>

### The Sanger Learning Center

All students, including graduate students, are welcome to take advantage of Sanger Center’s classes and workshops, private learning specialist appointments, peer academic coaching, and tutoring for more than 70 courses in 15 different subject areas. For more information, please visit <https://ugs.utexas.edu/slc/grad> or call 512-471-3614 (JES A332).

### [University Writing Center free programs for grad students](http://uwc.utexas.edu/grad/)

### [Libraries](http://www.lib.utexas.edu/)

### [IT services](http://www.utexas.edu/its/)

### [Student Emergency Services](http://deanofstudents.utexas.edu/emergency/)

### Important Safety Information

If you have concerns about the safety or behavior of fellow students, TAs or Professors, call BCAL (the Behavior Concerns Advice Line): 512-232-5050. Your call can be anonymous. If something doesn’t feel right – it probably isn’t. Trust your instincts and share your concerns.

The following recommendations regarding emergency evacuation from the Office of Campus Safety and Security, 512-471-5767, <http://www.utexas.edu/safety/> Occupants of buildings on The University of Texas at Austin campus are required to evacuate buildings when a fire alarm is activated. Alarm activation or announcement requires exiting and assembling outside.

* Familiarize yourself with all exit doors of each classroom and building you may occupy. Remember that the nearest exit door may not be the one you used when entering the building.
* Students requiring assistance in evacuation shall inform their instructor in writing during the first week of class.
* In the event of an evacuation, follow the instruction of faculty or class instructors. Do not re-enter a building unless given instructions by the following: Austin Fire Department, The University of Texas at Austin Police Department, or Fire Prevention Services office.
* Link to information regarding emergency evacuation routes and emergency procedures can be found at: <http://www.utexas.edu/emergency>