

Course Outline

SC/STS2411 A 3.00

INTRODUCTION TO SCIENCE AND TECHNOLOGY STUDIES

Fall 2017

Thursday, 11:30-14:30, York Campus, LSB 105

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Course Director, office hour, and contact

- **Course Director: Daniela Monaldi**
 - **Office hour: Monday, 13:00-14:00**
 - **Office: Norman Bethune College, room 308**
 - **Telephone: 416 736 2100 ext. 33601**
 - **At office hour, you may come by or call without appointment**
 - **Email: dmonaldi@yorku.ca**

Email policy and etiquette

- I will normally respond to emails in 24-48 hours

- Send me your emails from your yorku.ca or my.yorku.ca accounts, as messages from other providers (hotmail, gmail, yahoo, etc.) often get caught and removed by the spam filter of the yorku server
- Before sending an email, read this Course Outline and the other information posted in the course website, including the Course Announcements forum. Most of the questions that students ask in their emails are already answered here or in the course website. If you do not find an answer, then feel free to email me your question
- Please, take care to compose proper emails
 - write the course number and a brief indication of the email content (*e.g.*, “STS2411, Question on Topic X”) in the subject line. In any case, do not leave the subject line empty
 - start the email with a greeting, as for example “Dear Dr. Monaldi”, and close it with a salutation, as for example, “Sincerely” or “Best regards”, followed by your signature
 - include your name, student number, and the course you are in
 - you may include this information in the body of the email, use it as your signature, or add it after your signature
 - write your full name as it appears in the class list, especially if you use a short form or another name as your signature, and even if it appears in the sender line
 - you may omit name and student number if you are writing a reply and you already provided this information in the first email of the exchange. In this case, leave the subject line unchanged and append the previous emails for reference
 - write in clear and complete sentences, avoiding slang and text lingo. Proofread what you write, please

Expanded course description

This course is an introduction to the field of Science and Technology Studies (STS), an interdisciplinary field that studies science and technology as human activities. We will review the approaches and theories that STS analysts use to examine the practices, organization, and institutions of scientists and technologists, their history, and their relations to society and culture. We will practice STS approaches and theories by examining relevant scientific and technological developments. The purpose is to assist students in developing the ability to analyze and critically discuss the interactions between sciences, technologies, and their social, political, economic, and cultural contexts.

Learning outcomes

Upon successfully completing this course, you will be able to

- Review the origins and development of STS
- Identify and compare the main STS approaches and theories
- Apply STS approaches and theories to historical and contemporary cases studies
- Sharpen and practice critical reading, listening, and research skills
- Strengthen your ability to express your ideas orally and in writing

Evaluation

The course grade (Course Total) will be the sum of the following assessments:

- | | | |
|-----------------------|-----|-------------------------------------------|
| • Test 1 | 20% | (in class, Oct 12) |
| • Test 2 | 20% | (in class, Nov 30) |
| • Research Project 1 | 15% | (due Oct 5) |
| • Research Project 2 | 16% | (due Nov 9) |
| • Reading Response 1 | 10% | (due Sept 27) |
| • Reading Response 2 | 10% | (due Nov 8) |
| • In-class activities | 9% | (every class, except weeks 6, 11, and 12) |

Full compliance with the York University policy of academic integrity is expected. For more information and links about academic integrity, see the section on university policies below.

Every assessment will be graded according to its grading weight: Test 1 and Test 2 will be graded out of 20 (in other terms, the grade range for Test 1 is 0-20, *i.e.*, the maximum grade is 20), Research Project 1 out of 15, and so on.

For every assessment, your grade will be posted in your Grades table of the course website soon after the grading is completed. You can access your Grades table from the Navigation panel in the course website.

During the course, the number displayed in the Course Total line will be the sum of all the assessments already marked. To know your standing at any point in the course, divide the displayed Course Total by the sum of the ranges of the assessments that have been marked at that point.

Your complete grade for the course will be the Course Total displayed at the end of the course. The Final Grade (official letter grade) will be assigned converting the Course Total to a letter grade according to the [York University Grading Scale](#).

For reasons of consistency and fairness, all the students in the class must be graded according to the same grading scheme. No artificial grade increase or “extra assignment” will be provided for any reason at any point during or after the course. Please, contact me about an assigned grade **if and only if** there is an error in the calculation or recording of a grade, or if you wish to request a reappraisal (for the policy on reappraisals, see below), and do so within two weeks from the assignation of the grade.

Course materials

- Course Outline (this document)
- Course Schedule, posted in the course website. It contains all the information about dates, topics, assessments, and required readings
- Sergio Sismondo, *An Introduction to Science and Technology Studies*. Second Edition (Wiley-Blackwell, 2010).
- Other texts (articles, excerpts from books, or web documents), which will be available online through the library or posted in the course website

Course content and format

The course consists of in-class lectures and activities, reading assignments, at home assignments, and in-class tests. These components complement each other and all are indispensable to your success. Plan to attend classes regularly and to follow the Course Schedule.

The dates, topics, and reading assignments are detailed in the Course Schedule, posted in the course website. You are expected to complete the reading assignments before the class for which they are assigned, and to be ready to ask and answer questions about them.

The dates of the assessments are also listed in the Course Schedule. Be sure to note them and make plans not to miss any test or deadline.

Course policies

- Questions and concerns should be directed to me, the Course Director. My contact information is in the top section of this Course Outline.
- Conduct during the tests
 - The only items allowed on your desk during a test are the test paper, your pencil, and an eraser
 - All electronic devices must be turned off and placed under your desk, in your closed bag or knapsack
 - The Tests will take place during class time. They will start at the start of the class, at 11:30. No student will be admitted to the test after 11:45
 - Check the dates of the tests in the Course Schedule carefully, and plan your time to ensure that you will attend them
- Policy for missed tests
 - If you happen to miss a test for a cause that is beyond your control, such as an illness or an emergency, notify me as soon as possible and no later than 48 hours

from the test, and be prepared to justify your absence in a timely manner with adequate documentation

- In case of an illness, the required document is an [Attending Physician Statement \(APS\)](#), filled and signed by a medical doctor who sees you during your illness, and handed to me within two weeks from the test. The APS form is available from the [Student Forms page](#) of the [Registrar's Office website](#). The link is also provided in the course website
 - A note written by a doctor or nurse who states that you told them that you were ill does not constitute adequate documentation
- For all other cases, "adequate documentation" means a document that provides evidence of your justification. There can be no exception to this rule. If, for example, you miss a test because you must attend a funeral, whether in Canada or abroad, you must ask the funeral director to write a letter to testify that you attended the funeral
- Vacations of any kind do not justify missing a test. Do not plan a vacation for the test dates
- Employment conflicts do not justify missing a test. If you have a job, ensure that your work commitments do not interfere with the course
- If you miss a test and are unable to justify your absence or do not provide adequate documentation within a reasonable time, you will receive a grade of zero for the test
- Students who will send me prompt notice of their absence to a test and will provide adequate documentation will be admitted to a test makeup. The test makeup will be in the same format as the regular test and will cover the same material. The date and time of the makeup will be communicated to the admitted students after the regular test, and are not negotiable
- Late at-home assignments will be penalized at the rate of 1% per day
- It is your responsibility to stay informed about the course by participating in class, reading the course announcements, and visiting the course website at least once a week
- General information relevant to all the students in the class will be posted through the Course Announcements forum. You will receive the course announcements at the email account you provided at the time of registration, and will be able to view them in the forum
- Your grades will be posted in your Grades table, which you can access from the Navigation panel in the course website. For every assessment, the grade will be posted soon after the grading is completed
- If an adverse factor, such as a disability, a protracted illness, or some personal hardship, interferes with your ability to participate in the course, to prepare for a test, or to submit an assignment in time, contact me as soon as possible to discuss possible

accommodations. I will not take into consideration adversities that will be notified to me only after a mark was assigned

- For disabilities and religious accommodation, see the section on university policies below
- Reappraisal requests: if you wish to request the reappraisal of an assessment, email me your request and a rationale within two weeks after the grade has been posted
 - The rationale must be based on the academic merit of the test or quiz
 - Examples of rationales based on academic merit are, “My answer satisfies the grading criteria *a*, *b*, and *c*”, and “My answer is correct according to the required reading *X*, page *yz*”
 - Reasons such as “I worked really hard”, “This grade lowers my GPA”, and “I really really need a higher grade” do not qualify as academic merit

Copyright and intellectual property

- Recording lectures and photographing slides is permitted exclusively for personal use
- Uploading or posting any part of the lectures, slides, assignments, or other course material (other than online content that is already in the public domain) is a violation of intellectual property rights; therefore, it is not permitted.

University Policies

Important Sessional Dates

For the sessional start and end dates, drop deadlines, and withdrawal dates, consult the Office of the Registrar website at <http://www.registrar.yorku.ca/enrol/dates/>

Academic Honesty and Integrity

Academic honesty requires that persons do not falsely claim credit for the ideas, writing or other intellectual property of others, either by presenting such works as their own or through impersonation. Similarly, academic honesty requires that persons do not cheat (attempt to gain an improper advantage in an academic evaluation), nor attempt or actually alter, suppress, falsify or fabricate any research data or results, official academic record, application or document. Finally, academic honesty requires that persons do not aid or abet others to commit an offence of academic dishonesty, including intentional acts to disrupt academic activities.

Suspected breaches of academic honesty will be investigated and charges shall be laid if reasonable and probable grounds exist.

Academic Honesty and electronic devices during assessments (e.g. exams)

- Internet capable and personal storage devices of all kinds must be turned off, including vibrate. These and any other unauthorized material must be placed under the student’s chair and should not be accessed at any point during the exam. Failure to comply with directive may be considered a break of academic honesty.
- See <http://registrar.yorku.ca/exams/tipsheet>

Please familiarize yourself with the full Senate Policy on Academic Honesty, found at <http://secretariat-policies.info.yorku.ca/policies/academic-honesty-senate-policy-on/>

Please also familiarize yourself with the SPARK Academic Honesty tutorial found at <https://spark.library.yorku.ca/academic-integrity-what-is-academic-integrity/>

Academic Accommodation for Students with Disabilities

York University shall make reasonable and appropriate accommodations and adaptations in order to promote the ability of students with disabilities to fulfill the academic requirements of their programs.

The nature and extent of accommodations shall be consistent with and supportive of the integrity of the curriculum and of the academic standards of programs or courses.

Please familiarize yourself with the full Senate Policy on Academic Accommodations for Students with Disabilities, found at <http://secretariat-policies.info.yorku.ca/policies/academic-accommodation-for-students-with-disabilities-policy/>

Note: Students should submit accommodation letters from Counseling and Disability Services (CDS) to the course instructor within the first two weeks of the course or as soon as issued.

Counseling and Disability Services - <http://cds.info.yorku.ca/>

York Accessibility Hub - <http://accessibilityhub.info.yorku.ca/>

Note: A student registered with CDS, and choosing to write with Alternate Exams, is responsible for making the appropriate writing arrangements within the timeframes outlined by Alternate Exams.

Alternate Exams - <http://altexams.students.yorku.ca/>

Religious Observance Accommodation

York University is committed to respecting the religious beliefs and practices of all members of the community, and making accommodations for observances of special significance to adherents.

<https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/15/wo/kmHGekTpzKLX6XYKBXYc8M/0.3.4.62.0>

Note: Students who will have an academic conflict as a result of a religious observance, at any point in the term, should make the instructor aware of such at least three weeks prior to the conflict.

For conflicts occurring during an official examination period, please complete the Examination Accommodation Form available at http://www.registrar.yorku.ca/pdf/exam_accommodation.pdf and submit to your instructor at least three weeks prior to the final exam.

Student Conduct in Academic Situations

Students and instructors are expected to maintain a professional relationship characterized by courtesy and mutual respect and to refrain from actions disruptive to such a relationship. Moreover, it is the responsibility of the instructor to maintain an appropriate academic atmosphere in the classroom and the responsibility of the student to cooperate in that endeavour. Further, the instructor is the best person to decide, in the first instance, whether such an atmosphere is present in the class. A statement of the policy and procedures regarding disruptive and/or harassing behaviour by students in academic situations is available on the website of the University Secretariat (<http://secretariat.info.yorku.ca/>).

Student Resources

Learning Commons

The Learning Commons brings together key supports for your learning: writing, research, learning skills and career services. <http://www.library.yorku.ca/cms/learning-commons/>

goSAFE

goSAFE is a complimentary service provided to the York Community. At the Keele campus, goSAFE has two routes: North Route & South Route which will safely transport community members by vehicle from one specified hub to another on campus. goSAFE operates seven days a week, all year round, including University closures (with the exception at Glendon during the Christmas holiday closure).

Call the goSAFE office at 416-736-5454 or extension 55454 during hours of operation. Please give your name, location and destination. <http://www.yorku.ca/goSAFE/>

Mental Health and Wellness at York University

Outlines a variety of resources available to support mental health and wellness
<http://mhw.info.yorku.ca/resources/resources-at-york/students/>

Good2Talk

Post-Secondary Student 24 hour Helpline
<http://www.good2talk.ca/> 1-866-925-5454