**Exam TIK 4001**

 **TIK and ESST master program fall 2017**

**Short questions – both questions need to be answered, 500 words per answer:**

1. What is meant by the concept innovation system?
2. What characterizes laboratory studies in STS?

**Essay assignment – choose one of the following, 4000 words:**

1. Compare and discuss ways in which approaches from STS and Innovation studies contribute to our understanding of social and technical change. Discuss similarities and differences between STS and innovation theory in modes of explaining these changes.
2. Identify an innovation (historical or contemporary that you find in literature or media) and document the main characteristics and processes associated with its occurrence. Discuss and analyze the success (or failure) of the innovation by using relevant literature, approaches and concepts introduced in Module 3 and 4.
3. Identify a controversy (historical or contemporary that you find in literature or media) that involves science and/or technology. Document its main characteristics and the processes associated with its occurrence. Discuss and analyse the roles of experts in relation to other group of actors and use relevant theoretical approaches and methods introduced in Module 2 and 4.

**Practical information**

*Eksamensoppgaven skal leveres i Inspera innen 11. desember kl 15:00. Sensur blir levert i Inspera 10. januar.*

Word count:

*Short questions: 500 words per question (total 1000 words).*

*Essay assignment: 4000 words (minimum 3000 words).*

Language: ESST students must write in English. TIK-students can choose between Norwegian and English.

Grade: Pass/fail with tentative grading.

**Guidelines**

In order to get a “pass”, an essay will have to show a good knowledge of the selected approaches in both STS and innovation studies, as well as the methods relevant for each of these selected approaches.

Use actively selected relevant literature from all four modules, rather than focusing only on one or two modules. Show that you have broad and comprehensive knowledge of the curriculum.

Try to provide your own reading and interpretation of this literature, rather than merely repeating the content of the curriculum.

Your essay is supposed to be an individual and independent work. You are certainly welcome to discuss ideas with other students if you like. But the written essay of each student will have to be original and different from those of the other students.