

## COURSE DESCRIPTION

### MTV1100 Methodology and Science Theory

1. Degree	Bachelor of Innovation and Entrepreneurship
2. Year/semester	1 <sup>st</sup> year – 2 <sup>nd</sup> semester
3. Credits	5
4. Course instructor	Assistant Professor Kjetil Olaussen
5. Contact hours	25 hours
6. Course prerequisites	General study qualifications.
7. Learning goals	The aim of the course is that the students will gain basic insights into what is meant with scientific knowledge, as well as get an introduction to the philosophy of science.
8. Course contents	The course reflects on what is meant with knowledge in a scientific context, and what strategies and methods we use in order to develop our knowledge about the world. The course teaches fundamental principles for science strategy, qualitative and quantitative methods, as well as a brief presentation of the field of philosophy of science. More specifically, what is taught is the philosophy and theory of science, and qualitative and quantitative methods.
9. Method of instruction	The course will be taught through lectures and discussions in class, as well as through project-based learning. The students will spend time designing, practicing and presenting different relevant projects.
10. Assessment	Assignments/mid-term exam: 60 % Final exam: 40 %
11. Course syllabus	Bjørkum, Per Arne. 2009. <i>Annerledestenkerne: en reise i vitenskapens historie</i> . 2. utg. Oslo: Universitetsforlaget. ISBN: 9788-21-5015-36-1. (419 p.) Price: NOK 429,-  Johannesen, Asbjørn, Per Arne Tufte og Line Kristoffersen. 2005. <i>Forskningsmetode for økonomisk-administrative fag</i> . 2. utg. Oslo: Abstrakt forlag. ISBN: 978-82-7935211-2 (Part 1, 2 og 3; 262 p.) Price: NOK 349,-