



Course syllabus

Faculty Board of Humanities and Social Sciences
School of Cultural Sciences

1MU801 Ljudproduktion I, 15 högskolepoäng
Audio Production I, 15 credits

Main field of study

Music

Subject Group

Music

Level of classification

First Level

Progression

GIN

Date of Ratification

Approved by the Board of the School of Cultural Sciences 2011-12-13

The course syllabus is valid from autumn semester 2012

Prerequisites

General entry requirements. As well as passed result from a special admission's test to the Music Production Programme.

Objectives

After completing the course, the student should be able to:

- utilise with confidence musical data programmes intended for audio- and MIDI processing
- explain the meaning of concepts used in MIDI as well as utilise MIDI
- apply elementary theoretical- and practical skills in microphone- and recording techniques
- mix multichannel audio material
- plan and produce an audio production
- identify and value various techniques and methods used for an audio production
- explain the bases of audio theory and acoustics as well as connect these with practical implementation.

Content

The course includes the following elements:

- audio software
- MIDI
- recording techniques

- mixing
- music technical synthesis
- audio theory and acoustics

All practical elements of the course are obligatory, unless otherwise agreed with the examiner.

Type of Instruction

The course consists of lectures, seminars, practical implementation in the form of laboratory work or workshops, thematic and project-oriented studies. Some individual tutoring is offered. The individual achievements of each student are important parts of the course.

Examination

The course is assessed with the grades Fail (U) or Pass (G).

In order to pass the course, students need to meet the expected learning outcomes. The course is assessed through written, verbal and practical presentations of various kinds. The active participation of the student forms a continuous basis of assessment.

A resit is offered within six weeks (within the framework of regular terms) and the number of resits is limited to five (in accordance with the Higher Education Ordinance 6 chap. 21§).

Course Evaluation

When the course has finished, an evaluation is compiled. The results are reported back to students and then archived according to the rules of the School.

Required Reading and Additional Study Material

Everest, F Alton. *Master Handbook of acoustic*, McGraw-Hill/TAB Electronics, latest edition, 528 p.

Huber, David Miles and Philip Williams. *Professional microphone techniques*, ArtistPro, latest edition, 152 p.

Katz, Bob. *Mastering audio: The art and the science*, Focal press, latest edition, 334 p.

Owsinski, Bobby. *The Mixing Engineer's Handbook*, Course Technology inc., latest edition, 285 p.

White, Paul. *Basic Midi*. Sanctuary Publishing Ltd., latest edition, 100 p.