



Syllabus

for course at advanced level

Technical Art History II
Teknisk konstvetenskap II

**15.0 Higher Education
Credits**
15.0 ECTS credits

Course code:	KV6006
Valid from:	Spring 2018
Date of approval:	2017-03-22
Department	Department of Culture and Aesthetics
Main field:	Art History
Specialisation:	A1F - Second cycle, has second-cycle course/s as entry requirements

Decision

This syllabus was developed by the Faculty Board of Humanities on 2017-03-08 and adopted by the Board of the Department of Culture and Aesthetics on 2017-03-22.

Prerequisites and special admittance requirements

Admission to the course requires that the student has been admitted to the International Master's Programme in Art History: Technical Art History and the Art Museum and completed Technical Art History I, 15 credits.

Course structure

Examination code	Name	Higher Education Credits
1200	Technical Art History II	15

Course content

The course discusses chemical-analytical techniques, multispectral studies and resource for the study of art objects in a laboratory environment. Moreover, the courses discusses digital resources for working with art history in a museum institution or similar. The course provides advanced knowledge of the implementation and analysis of multispectral studies, as well as the results of such studies on older art objects. The course provides advanced knowledge of the implementation of chemical-physical methods of analysis in a laboratory. In addition, the course provides advanced skills in identifying and implementing digital methods for the processing and technical art history analysis of multispectral images, as well as digital methods for archiving and publishing technical data and modelling virtual historical and contemporary exhibition spaces. The course is provided in collaboration with the Department of Materials and Environmental Chemistry and the Department of Computer and Systems Sciences.

Learning outcomes

In order to pass the course, students are expected to be able to:

- identify and apply basic knowledge of chemical methods of analysis and radiation protection;
- demonstrate an understanding of how different methods of analysis together help to characterise a material;
- apply basic use of relevant methods of analysis: scanning electron microscopy, power x-ray diffraction and spectroscopic methods;
- identify and analyse chemical compounds, changes and destruction in older art objects that were made using painting techniques;
- identify and analyse chemical compounds in art objects made out of paper, stone and metal;

- use multispectral and non-destructive methods of analysis: macrophotography, microphotography, ultraviolet fluorescence and reflection (UV), infrared analysis (IR) and x-ray photography;
- identify, analyse and interpret chemical-analytical and multispectral studies and their results concerning art objects;
- reflect on, apply and critically analyse key concepts and relevant terminology within digital art history;
- identify and implement digital media and methods for the technical art history analysis and processing of image results from multispectral studies: macrophotography, microphotography, ultraviolet fluorescence and reflection (UV), infrared analysis (IR) and x-ray photography;
- identify and implement digital methods for the management and publication of technical art history image results;
- identify and implement digital 3D and visualisation techniques for the modelling of virtual contemporary and historical exhibition spaces.

Education

Instruction is given in the form of lectures, seminars and laboratory work. Attendance is mandatory. The language of instruction is English.

Forms of examination

a) The course is examined on the basis of written assignments in the form of a take-home examination, laboratory work and a written paper.

b) Grades will be set according to a seven-point scale related to the learning objectives of the course:

- A = Excellent
- B = Very good
- C = Good
- D = Satisfactory
- E = Adequate
- Fx = Inadequate
- F = Totally Inadequate

Some examination tasks in the course may be assessed using the grades Pass or Fail (G/U).

c) Students will be informed of the written grading criteria when the course starts.

d) In order to pass the course, students must receive a grade of E or higher on all examination tasks, complete all mandatory assignments and meet the attendance requirements. Under special circumstances, the examiner may, after consulting with the coordinating teacher, grant the student an exemption from the obligation to participate in certain mandatory course elements or complete mandatory assignments. The student can then be assigned a compensatory assignment.

e) At least two examination opportunities should be offered during each course and semester. In addition, at least one opportunity to retake an examination should be given during a semester or year when the course is not provided. Students who receive the grade E or higher on an examination may not retake the examination to attain a higher grade. Students who receive the grade Fx or F twice by the same examiner are entitled to have another examiner appointed to grade the next examination, unless there are special reasons to the contrary. Such requests should be made to the department board.

Interim

If this course is discontinued, or its contents substantially altered, students have the right to be examined according to this syllabus once per semester for three further semesters.

Required reading

For up-to-date information about the required reading, please refer to the department website: www.su.se/ike. The current reading list will be made available at least two months before the course starts.