

Course

VST - Video Studio Technology

Version: 2 | Last Change: 06.10.2019 13:45 | Draft: 0 | Status: vom verantwortlichen Dozent freigegeben

^

General information

Long name	Video Studio Technology
Approving CModule	<u>VST BaMT</u>
Responsible	Prof. Dr.-Ing. Ulrich Reiter Professor Fakultät IME
Level	Bachelor
Semester in the year	winter semester
Duration	Semester
Hours in self-study	60
ECTS	5
Professors	Prof. Dr.-Ing. Ulrich Reiter Professor Fakultät IME Hildebrandt Axel Gärtner Lehrkraft für besondere Aufgaben Fakultät IME
Requirements	knowledge from lectures in Electronic Media (2nd and 3rd semester)
Language	German
Separate final exam	Yes

Final exam

Details

Learning outcomes LO2 and LO3 will be graded based on a written exam (80% of the total grade), whereas learning outcome LO1 will be evaluated based on an example video production (20% of the total grade).

Minimum standard

- Students demonstrate that they are able to produce video quality suitable for broadcasting.
- Students know components and workflows used in the production of video / TV studio. They can analyze and evaluate technical dependencies. They know important technical parameters and can describe their influence upon image quality. They are able to use the correct technical terms to describe systems and components.

Exam Type

Learning outcomes LO2 and LO3 will be graded based on a written exam (80% of the total grade), whereas learning outcome LO1 will be evaluated based on an example video production (20% of the total grade).

^ Lecture

Learning goals

Knowledge

Students know the infrastructure of a TV studio and can describe its components and the respective functions. They can analyze how these components integrate and are able to evaluate the performance of a system.

Students know the specific characteristics and workflows of different types/genres of video production.

- video studio: equipment, systems and signals
- video cameras
- studio lighting
- measurement and testing of video signals
- video production units and video production processes
- video data transmission over networks

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Lecture	3
Tutorial (voluntary)	0

Separate exam

none

^ Practical training

Learning goals

Skills

- Students know how to operate a video camera and can change settings to achieve proper image quality.
- Students can produce video suitable for broadcasting.

Expenditure classroom teaching

Type	Attendance (h/Wk.)
Practical training	2
Tutorial (voluntary)	0

Separate exam

Exam Type

working on projects assignment with your team e.g. in a lab)

Details

- Production and delivery of a short video in a small team.

Minimum standard

- technical suitability for broadcasting