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| Module Name | **Media Production 1** |
| Modul Responsibility | *Prof. Dr. Klaus Chantelau* |
| Qualification Targets | *The students should be able to*   |  |  | | --- | --- | | − − − − | *analyze typical problems in the field of video production to understand the technical quality features of videos to use the main software tools for video production.*  *to use the lighting, recording and post-production equipment of a virtual studio for video production .* | |
| Module Contents | *Practically-oriented exercises with animation, audio and video production tools, especially Maxon Cinema 4D, Adobe Master Collection.*  *Video camera technology, video lighting equipment.*  *Theory and practice of recording technology and the use of green screen*  *technology with real-time systems, video composition with Adobe After Effects*  *and video editing with Adobe Premiere and DaVinci Resolve. Sound creation and composition with Cubase* |
| Teaching Methods | *Slides, computer exercises (C4D, Adobe Master-Collection), exercises in a green screen studio.* |
| Requirements for Participation | *The scope of the Bachelor Module Multimedia and Communications Systems.* |
| Literature / Multimedia based Teaching Material | *„Professionelle Videotechnik“ - U. Schmidt*  *Springer 2000, ISBN 3-540-66854-*  *“Cinema 4D 12”, Andreas Ansanger, Galileo Design 2011, ISBN 9-783-836-21-7071*  *“Adobe After Effects CS 5”, Philippe Fontaine, Gaileo Design 2011, ISBN 978-3-8362-1593-0* |
| Applicability | *Master Angewandte Medieninformatik, Master Applied Computer Science* |
| Effort/ Total Workload | *Total 90 hours. Attendance: 30 hours, Self-Study: 30 hours, Exam Preparation 30 hours* |
| ECTS / Emphasis of the Grade for the final Grade | *3 CP* |
| Performance Record | *Project and project defense* |
| Semester | *2nd semester* |
| Frequency of Occurence | *Once during the academic year (winter semester)* |
| Duration | *One semester* |
| Type of Course | *Elective course* |