

Digital Media Skills and Learning in the Digital Age

in co-operation with edX, Coursera, Udacity and other MOOC Providers

Digital Media Skills are a set of 21st century skills crucial for the analysis, evaluation and creation of content and messages in a wide variety of digital media formats in order to make informed decisions in regard to education, work, society and spare time.



Digital Media Skills and Learning in the Digital Age

"Digital Media Skills" education provides tools to help students analyse messages critically and offers opportunities for learners to broaden their experience in digital media. Furthermore, it helps them develop creative skills in creating digital media and prepares them for lifelong learning in the digital age.

The course is based on Massive Open Online Courses (MOOCs) from edX, Coursera, Udacity and other MOOC providers and is supervised by Prof. Dr. rer. nat. Dipl. Ing. Partsch. After a block event it's possible to join the course environmentally friendly, time-saving and comfortable from home.

Course Title	Digital Media Skills and Learning in the Digital Age
Person in Charge	Prof. Dr. Gerhard Partsch
Type of Course	Combined lecture, seminar and colloquium with the use of supervised Massive Open Online Courses. Environmentally friendly participation via web conferencing from home.

Course Level	Level 1 – introduction course
Prerequisites	No prerequisites required
SWS / Lessons per week	4
Total Semester Hours	60 hrs lecture / 90 hrs independent / 150 hrs total
ECTS (Credits)	5
Course Assessment	E-portfolio and final project
Course Language	English
Name of Instructor	Prof. Dr. Gerhard Partsch
Course Objectives	<ul style="list-style-type: none"> • Become skilled in digital image processing and creating quality audio for videos or podcasts that engage audiences • Shoot, edit and produce your own video • Become versed in the fundamentals of coding: Wiki, HTML and CSS for efficient editing • Produce a final digital media project (e.g. an e-portfolio) using digital skills and new media technologies and tools • Become skilled in the usage of online courses and e-collaboration systems
Course Content	<p>The course provides tools to help students analyse messages critically and offers opportunities for learners to broaden their experience in digital media.</p> <p>Kick-off Meeting: During the first teaching event (performed as a block event) the students use their own laptops, tablets or smartphones and learn about the aims and the content of the course as well as the accompanying media. These include the e-learning platform OpenUniversity.de, the e-portfolio platform OpenPortfolio.de, the provided Open Educational Resources (OER) and a web conferencing system.</p> <p>Online Meetings: The other events take place via a web conference system. As many students as possible use their own mobile devices and are either located in a lecture room at the university or join the lecture via web conferencing in an environmentally friendly, comfortable and time and cost saving way from home. During the course, the students work individually and in small groups on projects, such as a reflexive e-portfolio, a group wiki, or an audio and video podcast.</p> <p>The course is taught in a virtual, new media based environment:</p> <ul style="list-style-type: none"> • Open University, http://OpenUniversity.de • Coursera, edX, Udacity, MIT OpenCourseWare, MOOCs (Massive Open Online Courses) • Google Apps for Education

	<ul style="list-style-type: none"> • Web Conferencing – e.g. Adobe Connect, Skype, BigBlueButton, TeamViewer
Teaching Methods	<p>Combined lecture, seminar and colloquium with the use of Massive Open Online Courses (MOOCs).</p> <p>Student-centered approach: Inquiry-based and cooperative Learning</p>
Textbook / Online Course	<p>Examples of e-learning and MOOC platforms:</p> <ul style="list-style-type: none"> • Coursera • edX • Udacity • MIT OpenCourseWare
Miscellaneous	<ul style="list-style-type: none"> • The lecture starts with a block event • After the block event at the beginning of the course it's possible to join the lectures environmentally friendly, time-saving and comfortable from everywhere (e.g. from home) via web conferencing offered for free by Deggendorf Institute of Technology