



Subject card

| | | | | | | | |
|---|---|--|--|-------------------------------------|---|------------|-----|
| Subject name and code | Multimedia and Internet Technologies, PG_00040633 | | | | | | |
| Field of study | Engineering Management | | | | | | |
| Date of commencement of studies | October 2022 | | Academic year of realisation of subject | | 2023/2024 | | |
| Education level | first-cycle studies | | Subject group | | Obligatory subject group in the field of study Subject group related to scientific research in the field of study | | |
| Mode of study | Full-time studies | | Mode of delivery | | at the university | | |
| Year of study | 2 | | Language of instruction | | Polish | | |
| Semester of study | 4 | | ECTS credits | | 2.0 | | |
| Learning profile | general academic profile | | Assessment form | | assessment | | |
| Conducting unit | Department of Informatics in Management -> Faculty of Management and Economics | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr inż. Igor Garnik | | | | |
| | Teachers | | dr inż. Kamil Brodnicki | | | | |
| | | | dr inż. Igor Garnik | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 30.0 | 0.0 | 0.0 | 30 |
| | E-learning hours included: 0.0 | | | | | | |
| Learning activity and number of study hours | Learning activity | Participation in didactic classes included in study plan | | Participation in consultation hours | | Self-study | SUM |
| | Number of study hours | 30 | | 5.0 | | 15.0 | 50 |
| Subject objectives | To acquaint students with the basics of using technical means of multi-media and internet for effective transfer of information and ideas. Provide students with theoretical and practical knowledge in the field of audio-visual techniques and specialized software. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K6_W05] knows the statistical and IT methods and tools that enable the acquisition and presentation of data on the organisation's resources, including technical resources | | Student knows how to acquire and process data; knows the rules of correct structure of information transfer. | | [SW2] Assessment of knowledge contained in presentation | | |
| | [K6_U01] interprets and analyses the phenomena and processes taking place in the economy and organisation using basic theoretical knowledge of economics, management and science | | The student is able to acquire data and analyze the phenomena and processes occurring in the economy and in a single organization, as well as interpret and present the results of their analyzes. | | [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task | | |
| | [K6_W11] has the basic knowledge of mathematics, physics and chemistry necessary to solve technical problems | | The student has basic knowledge of exact sciences and is able to present it using multimedia techniques. | | [SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects | | |
| Subject contents | <ul style="list-style-type: none">• Digital sound processing.• Digital video processing.• Creating a video presentation.• Creating web pages.• Creating interactive web sites.• Creating double-dimensional animation.• Creating vector graphics. | | | | | | |
| Prerequisites and co-requisites | Basic knowledge of computer operating systems. Ability to manage system files and directories (folders). Ability to use office software, especially the software for creating electronic presentations. | | | | | | |

| | | | |
|--|---|---|-------------------------------|
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | project | 60.0% | 100.0% |
| Recommended reading | Basic literature | 1. A set of laboratory exercises prepared by the teachers. 2. Jędryczkowski J., Prezentacje multimedialne w procesie uczenia się studentów. Wydawnictwo Adam Marszałek, 2005. 3. Goban-Klas T., Media i komunikowanie masowe, PWN 2004. 4. Flakiewicz W., Pojęcie informacji w technologii multimedialnej. SGH 2005. 5. Grzeszczyk T., Systemy multimedialne w zarządzaniu przedsiębiorstwem. Metody implementacji. Mikom 2003. | |
| | Supplementary literature | No requirements | |
| | eResources addresses | Adresy na platformie eNauczanie: Technologie multimedialne i internetowe - st. stacjonarne - 2023/2024 - Moodle ID: 35203 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=35203 | |
| Example issues/ example questions/ tasks being completed | <ul style="list-style-type: none">• Creating an online tutorial,• Creating a 2D animation,• Creating an infographics,• Creating a web site | | |
| Work placement | Not applicable | | |

Document generated electronically. Does not require a seal or signature.