



Subject card

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|--|---|--|---|-------------------------------------|---------|---|-----|
| Subject name and code | Multimedia and Internet Technologies, PG_00040537 | | | | | | |
| Field of study | Engineering Management | | | | | | |
| Date of commencement of studies | October 2020 | Academic year of realisation of subject | | | | 2022/2023 | |
| 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 | Part-time studies | Mode of delivery | | | | at the university | |
| Year of study | 3 | Language of instruction | | | | Polish | |
| Semester of study | 5 | 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. Igor Garnik | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 0.0 | 0.0 | 16.0 | 0.0 | 0.0 | 16 |
| | E-learning hours included: 0.0 | | | | | | |
| Technologie multimedialne i internetowe - st. niestacjonarne - 2022/2023 - Moodle ID: 21575 https://enauzanie.pg.edu.pl/moodle/course/view.php?id=21575 | | | | | | | |
| 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 | 16 | | 5.0 | | 29.0 | 50 |
| Subject objectives | Acquainting with the basics of using multimedia and internet technical means in order to obtain effective transfer of information and ideas, as well as providing theoretical and practical knowledge in the field of audiovisual techniques and specialized software. Multimedia and the Internet are an inseparable element of modern business communication, not only in the field of marketing or PR, but also in order to share knowledge within the organization. | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | | Method of verification | |
| | [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 | |
| | [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 and present data and analyse the phenomena and processes occurring in the economy and in a single organization, as well as interpret and present the results of his or her analyses. | | | [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task | |
| | [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 | |
| Subject contents | <ul style="list-style-type: none"> • Creating Web pages. • Creating interactive objects on Web sites. • Digital sound processing. • Digital video processing. • 2D Animations. • Creating a multimedia presentation. | | | | | | |
| 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 | |
| | 3 projects | | 60.0% | | | 100.0% | |

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| Recommended reading | Basic literature | <p>1. A set of laboratory exercises prepared by the teachers.</p> <p>2. Kiełtyka L. (red.), Multimedia w Biznesie i Zarządzaniu, Diffin 2009.</p> <p>3. Bednarek J., Multimedia w kształceniu, PWN 2016.</p> <p>4. Wieczorkowska A., Multimedia. Podstawy teoretyczne i zastosowania praktyczne, Wyd. PJATK 2008.</p> <p>5. Goban-Klas T., Media i komunikowanie masowe, PWN 2004.</p> <p>6. Flakiewicz W., Pojęcie informacji w technologii multimedialnej. Wyd. SGH 2005.</p> |
| | Supplementary literature | No requirements |
| | eResources addresses | |
| Example issues/ example questions/ tasks being completed | <ul style="list-style-type: none"> • Creating an online video tutorial • Creating a 2D animation • Creating a web site | |
| Work placement | Not applicable | |