# GDAŃSK UNIVERSITY OF TECHNOLOGY

## Subject card

| Subject name and code | Multimedia and Internet Technologies, PG_00040537 | | | | | |
|---|---|---|---|---|---|---|
| Field of study | Engineering Management | | | | | |
| Date of commencement of studies | October 2022 | | Academic year of realisation of subject | | 2024/2025 | |
| 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 | | | | | | |

| 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 | 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. |
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| 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. | [SW3] Assessment of knowledge contained in written work and projects [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_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 | [SW1] Assessment of factual knowledge |

| Subject contents | • Digital sound processing. • Digital video processing. • 2D Animations. • Creating video tutorials. • Creating Web pages. |
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| Prerequisites and co-requisites | |
|---|---|

| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
|---|---|---|---|
| | Project | 60.0% | 100.0% |

| Recommended reading | Basic literature | 1. Napieralska J., Gronau-Osińska A., Okoń-Makowska B., Multimedia, T. 1 i 2. Wydawnictwo Uniwersytetu Muzycznego Fryderyka Chopina, 2017 |
| --- | --- | --- |
| | | 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:<br>Technologie multimedialne i internetowe - st. niestacjonarne - 2024/2025 - Moodle ID: 35200<br>https://enauczanie.pg.edu.pl/moodle/course/view.php?id=35200 |
| Example issues/ example questions/ tasks being completed | • Audio podcast.<br>• 2D Animation.<br>• Creating an online video tutorial.<br>• Creating a web site. | |
| Work placement | Not applicable | |

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