| Syllabus | |
|---|---|
| Course code | |
| Course name | Performance Measurement and Management |
| Course version | 1 |
| **A. The location of the course in the study system** | |
| Level of education | 2 |
| Degree level | - |
| A form of study | Erasmus Exchange |
| Field of study | Management Engineering |
| Profile of study | general academic |
| Specialization | - |
| Unit administrating course | Faculty of Management |
| Unit implementing course | Faculty of Management |
| Course coordinator | Eryk Głodziński |
| **B. General characteristics of the course** | |
| Block | General |
| Group of courses | - |
| Level of the course | *intermediate* |
| Course status | elective |
| Course language | English |
| Semester | - |
| Academic year | 2020/21 |
| Prerequisities | Courses related to: Fundamentals of Management, Fundamentals of Accounting |
| The minimum number of students | No limits for students (lecture) |
| **C. Learning outcomes and teaching methods** | |
| Aim of the course | The course aims to provide knowledge and skills related to design, utilization and improvement of complex performance measurement and management systems, including financial and non-financial measures. |
| Assessment methods | **B. Exercise**:<br>*1. Formative assessment*: evaluation of knowledge, skills and behaviors by active participation of students during meetings.<br>*2. Summative assessment:* points collected during the meetings and final test (oral or written) |
| Learning outcomes | See Table 1 |
| Form of classes and weekly dimension (number of hours per semester) | lecture 0<br>exercise 30<br>laboratories 0<br>projects 0 |

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| The course content | **B. Exercise**<br>1. Introduction to the course, fundamentals of Performance Measurement and Management<br>2. Economic evaluation methods and measures<br>3. Balance Scorecard<br>4. Key Performance Indicators – part 1<br>5. Key Performance Indicators – part 2<br>6. EFQM Excellence Model, Performance Prism etc.<br>7. Leadership vs Management in Performance Achievement<br>8. Design of Performance Measurement and Management System, Shareholder Value Analysis and Maturity Models<br>9. Performance Measurement and Management in Industry 4.0<br>10. Conclusions and Final Remarks |
| Learning outcomes | See Table 1 |
| Exam | No |
| Literature | *Obligatory:*<br>1. Bititci, U.S. (2015), Managing Business Performance, John Wiley & Sons, Padstow.<br>2. Głodziński, E. (2019), "Performance measurement of complex project: framework and means supporting management of project-based organizations", International Journal of Information Systems and Project Management, Vol. 7, No. 2, pp. 21-34.<br>3. Mura, M., Longo, M., Micheli, P., and Bolzani, D. (2018), "The evolution of sustainability measurement research", International Journal of Management Reviews, Vol. 20 No 3, pp. 661-695.<br>*Supplementary:*<br>1. Bititci, U., Garengo, P., Dörfler, V. and Nudurupati, S. (2012), "Performance measurement: challenges for tomorrow", International Journal of Management Reviews, Vol. 14, Iss. 3, pp. 305-327.<br>2. Neely, A. (2002), Business performance measurement. Cambridge University Press. |
| Course website | www.olaf.wz.pw.edu.pl |
| **D. The student workload** | |
| Number of ECTS credits | 3 ECTS |
| Total hours of student work related to the learning outcomes achievement (description): | 3 ECTS:<br>30h exercises + 5h literature analysis + 15h case studies analysis +20h preparation of exercises for submission + 10h preparation to final test = 80h |
| The number of ECTS credits for courses that require the direct participation of teachers | 1,13<br>30h exercises = 30h |
| The number of ECTS credits that the student obtains during the practical classes | 3 ECTS:<br>30h exercises + 5h literature analysis + 15h case studies analysis +20h preparation of exercises for submission + 10h preparation to final test = 80h |
| **E. Additional Information** | |
| Remarks | Course conducted in summer semester |
| Date of last update | 30.06.2020 |

Table 1

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|---|---|---|
| **x** | | |
| Subject effects | Field of study effects: | Area effects: |
| **Knowledge** | | |

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|---|---|---|---|
| Effect: | podstawowe procesy zachodzące w cyklu życia systemów i procesów zarządzania | I.P7S_WG.o III.P7S_WG | P7U_W |
| Effect code: | I2_W04 | | |
| Verification: | active participation during meetings, assessment of exercises, final test | | |
| Effect: | fundamentalne dylematy współczesnej cywilizacji w zakresie społecznej odpowiedzialności biznesu oraz zrównoważonego rozwoju | I.P7S_WG.o | P7U_W |
| Effect code: | I2_W10 | | |
| Verification: | active participation during meetings, assessment of exercises, final test | | |
| **Abilities** | | | |
| Effect: | identyfikować, interpretować i wyjaśniać złożone zjawiska i procesy społeczne oraz relacje między nimi z wykorzystaniem wiedzy z zakresu zarządzania | I.P7S_UW.o | P7U_U |
| Effect code: | I2_U01 | | |
| Verification: | active participation during meetings | | |
| Effect: | identyfikować, interpretować i wyjaśniać złożone zjawiska i procesy społeczne oraz relacje między nimi z wykorzystaniem wiedzy z zakresu inżynierii produkcji | I.P7S_UW.o | P7U_U |
| Effect code: | I2_U02 | | |
| Verification: | active participation during meetings | | |
| **Social Competence** | | | |
| Effect: | krytycznej oceny odbieranych treści | I.P7S_KK | P7U_K |
| Effect code: | I2_K01 | | |
| Verification: | active participation during meetings | | |
| Effect: | wypełniania zobowiązań wobec organizacji oraz inspirowania i organizowania działalności na rzecz organizacji | I.P7S_KO | P7U_K |
| Effect code: | I2_K03 | | |
| Verification: | active participation during meetings | | |