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| FACULTY: | Faculty of Mechanical and Energy Engineering |
| FIELD OF STUDY: | Energetics |
| ERASMUS COORDINATOR OF THE FACULTY: | Łukasz Bohdal, PhD, DSc, Eng |
| E-MAIL ADDRESS OF THE COORDINATOR: | Lukasz.bohdal@tu.koszalin.pl |
| COURSE TITLE: | **Heat Exchangers** |
| LECTURER’S NAME: | Marcin Kruzel, PhD, DSc, Eng |
| E-MAIL ADDRESS OF THE LECTURER: | marcin.kruzel@tu.koszalin.pl |
| ECTS POINTS FOR THE COURSE: | 2 |
| COURSE CODE (USOS): |  |
| ACADEMIC YEAR: | 2025/2026 |
| SEMESTER:  (W – winter, S – summer) | S |
| HOURS IN SEMESTER: | 30 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | Project |
| LANGUAGE OF INSTRUCTION: | **• English full time scheme for classes with 5 and more International Erasmus+ students enrolled/accepted;**  **• English 50% individually with the teacher + Polish 50% with Polish students or individual project work- scheme for classes with less than 5 International Erasmus+ students enrolled/ accepted;** |
| ASSESSMENT METHOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | Reports |
| COURSE CONTENT: | 1. Introduction 2. heat and flow tests and calculation for:  * Cross flow heat exchanger * Double pipe heat exchanger * Plate heat exchanger * TPMS based Heat exchanger |
| ADDITIONAL INFORMATION: | The course provides theoretical knowledge of heat exchanger design |

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/sporządził, data/