

<b>COURSE TITLE:</b>	<b>HEAT TRANSFER</b>
Institute/Division:	Institute of Process and Power Engineering / Faculty of Mechanical Engineering
Erasmus subject code:	06.1
Number of contact hours:	60
Course duration:	1 semester
ETCS credits:	5
Course description:	Steady-state and transient heat conduction, natural and forced convection, convection with phase changes, radiation, heat exchangers, heat transfer analysis and design problems
Literature:	F. P. Incropera et. al., Fundamentals of Heat and Mass Transfer, John Wiley & Sons 2007. J. Taler, P. Duda, Solving Direct and Inverse Heat Conduction Problems, Springer, Berlin Heidelberg 2006.
Course type:	Lectures, classes, laboratory
Assessment method:	Exam
Prerequisites:	Mathematics
Primary target group:	1st year postgraduate Mechanical Engineering students
Lecturer:	Jan Taler, PhD, DSc, Prof.
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Deadline for application:	May 31