

Project: ESSENCE: Establishing Smart Energy System Curriculum
at Russian and Vietnamese Universities

Leading partner: RTU / P1 – responsible person - Anastasija Žiravecka

Peer-Review for the Courses Quality Evaluation

Digital Technologies for protection and communication

Peer-review form

Correspondence to the requirements to peer-reviewer (European and Partner universities):

1. Do You have Dr.sc.ing or Candidate of science or equivalent scientific (specify) degree in the field of Power and/or Electrical Engineering and/or ICT field? (yes/∅)
2. Do You have teaching experience at a university for at least 5 years? (yes/∅)
3. Do You have scientific publications within last 2 years in the area of expertise? (yes/∅)

Correspondence to the requirements to peer-reviewer (Industrial Partners):

1. Do You have an engineer qualification or M.Sc. in the field of Power and/or Electrical Engineering and/or ICT field? (yes/no)
2. Is Your working experience in industry of the correspondent profile at least 5 years? (yes/no)

Is the form of the course description fully filled in? (yes) (∅)

Criterion	Aspects	Justification / recommendation of the peer-reviewer
General 0-5	Aims, objectives	Aims, objectives: <i>The aims and objective stated in the course description are defined clear, attainable, formulated in an understandable way, correspond to the expectations from the course.</i>
5	Level of expertise of a trainer/instructor	Level of expertise of a trainer/instructor: <i>The level of expertise of the instructor (and also academic staff) required in the course description corresponds to the area of the course; to the level of the studies (master level).</i>
	Background/preliminary knowledge	Background/preliminary knowledge: <i>There are defined the necessary and required relevant background/preliminary knowledge for the course. The indicated background is written sufficiently for the further successful acquisition of the material.</i>
	Way of realization	

		<p>Way of realization:</p> <p>The types of the course realization are relevant – lectures, labs, practical classes, internship. These types of course realisation correspond to the level and area of the course. This course could contain a kind of “project oriented teaching” and “multidisciplinary” (industrial/start-up) project.</p>
<p>Content of the course</p> <p>0-5</p> <p>5</p>	<p>Course outline</p> <p>Study materials + information sources</p> <p>Laboratory works /Practical Classes</p> <p>Equipment required</p>	<p>Course outline:</p> <p>The course outline corresponds to the basic subject of the course and it provides the achievement of the aim and objectives stated before and acquisition for the necessary material in its full extent.</p> <p>Study materials + information sources:</p> <p>The study materials and recommended literature and other information sources correspond to the level of the studies (master), outline of the course, aims of the course.</p> <p>Laboratory works /Practical classes:</p> <p>The content of the laboratory works and practical classes provide full overlook (visual demonstration) and skills necessary for the achievement of the aims of the course.</p> <p>Equipment required:</p> <p>The demanded equipment of the course description relatively fully covers the needs of the laboratories foreseen in the outline.</p>
<p>Results of the course</p> <p>0-5</p> <p>5</p>	<p>Learning outcomes</p> <p>CP number</p> <p>Type(s) of control + evaluation system</p>	<p>Learning outcomes:</p> <p>The learning outcomes that characterize the expected skills/knowledge of a student could be demonstrated after a completion of this study course. The specific learning outcomes are defined clearly and are related to the subject or particular discipline. There are particularly written transferable skills (written, oral, problem-solving, information technology, and team working skills). There are clearly written the course assessment criteria, milestones and used teaching methods. The learning outcomes will help students to understand why that knowledge and those skills are useful to them. The LO correspond to necessities, requirements and expectations of the industry to the alumni.</p>

		<p>CP number: <i>The CP number is adequately enough to achieve the goal and provide the declared outcomes.</i></p> <p>Type(s) of control + evaluation system: <i>The types of knowledge/skills control – exam/testing/course project/problem solving are variable and versatile enough for full judgement of the students' achievements. There will be realised a kind of intermediate control during the studies except final.</i></p>
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Final decision: The course description is fully filled in and could be implemented as a syllabus of the mentioned course. The changes of the course could be realised in utilised similar or alternative equipment (devices/tools).