



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Specialist practice [S2ETI1>PrSpec]

### Course

Field of study

Education in Technology and Informatics

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

second-cycle

Course offered in

polish

Form of study

full-time

Requirements

compulsory

### Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

160

Tutorials

0

Projects/seminars

0

### Number of credit points

2,00

### Coordinators

dr Maciej Kamiński

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### Lecturers

dr Maciej Kamiński

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### Prerequisites

none

### Course objective

A specialist practice is carried out in the second cycle of education in the fields of ETI and Technical Physics. The student has the knowledge resulting from the implementation of the study program. He has the ability to use the acquired knowledge creatively.

### Course-related learning outcomes

Knowledge:

the student has knowledge of the chosen subject of physics, mechanics, computer science and measurement systems. [k2\_w04],[k2\_w05],[k2\_w09],[k2\_w11]. the student knows engineering technologies and development trends. [k2\_w10], [k2\_w08]. the student knows how to apply elements of science and technology. [k2\_w01], [k2\_w02], [k2\_w03], [k2\_w04], [k2\_w07], [k2\_w08], [k2\_w10].

Skills:

the student knows how to use numerical and experimental methods to solve engineering problems.

[k2\_u01], [k2\_u14], [k2\_u15], [k2\_u17]. the student is able to arrange an algorithm, select a program and mathematical tools, and prepare engineering documentation. [k2\_u01], [k2\_u11], [k2\_u12], [k2\_u14], [k2\_u20]. the student knows how to use technical devices and interpret the results. [k2\_u14], [k2\_u1], [k2\_u18], [k2\_u21].

Social competences:

as a result of specialist practice, the student develops the practical part of the thesis. [k2\_k04].during specialist practice, the student acquires the ability to work in a team and to think and act in an entrepreneurial manner. [k2\_k02], [k2\_k03].

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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Specialist internship is counted on the basis of a certificate signed by the promoter.

### Programme content

The specialist internship program is established by the thesis supervisor

### Teaching methods

none

### Bibliography

Basic

none

Additional

none

### Breakdown of average student's workload

	Hours	ECTS
Total workload	4	2,00
Classes requiring direct contact with the teacher	0	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	4	2,00