

APPROVED

AT ISEC NAS RA Scientific Council,

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ISEC NAS RA Director

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**STRATEGY FOR SYLLABUS DEVELOPMENT AT THE  
INTERNATIONAL SCIENTIFIC-EDUCATIONAL CENTER OF THE NATIONAL ACADEMY OF  
SCIENCES OF RA**

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This Strategy (hereinafter the Strategy) has been developed based on the package of the learning materials and is a part of the documentation package, which is used for student-lecturer communication in teaching the particular course. A student shall make an idea from the syllabus about the content, structure, objectives, tasks, methods, "knowledge, skills and abilities" (generic and professional), learning outcomes expressed in terms and assessment methods and criteria. For this reason, the syllabus shall contain exhaustive information about the lecturer, his/her contact data (telephone number, e-mail, website) and office hours.

## **SYLLABUS**

The syllabus is a document of the study presented to student audience, which is prepared by the lecturer given the requirements of the main approved working plan.

### **MAIN TASKS OF SYLLABUS:**

- Defining knowledge, skills and abilities, as well as competencies that a student shall acquire in studying the particular course,
- Prerequisites needed to study the course (to list the subjects, which are required to take in prior to taking the particular course, the knowledge, skills and abilities of which are fundamental to study the particular course),
- Defining learning outcomes (knowledge, skills and abilities, as well as competences shall be laid down to describe learning outcomes that will form after studying the particular course),
- Course structure and content description,
- Distribution of teaching hours,
- Defining course assessment strategy.

### **SYLLABUS QUALITY**

Syllabus shall

- comply with at least the minimum requirements of state educational criteria for higher professional education:
- Reveal the sequence of units of course to be studies and proper deduction units,
- Comply with up-to-date requirements of science, education and teaching,
- **Define learning objectives of the course and its place in the course system.**

## **SYLLABUS STRUCTURE**

• The syllabus structure shall comply with the requirements and criteria of the working program of the course,

• The title page of the syllabus shall contain the following data:

1. Reference number
2. Name of the Department,
3. Name of course,
4. Index and name of syllabus and specialization,
5. Author (s), first name, last name, academic degree and title.

## **SYLLABUS SHALL CONTAIN THE FOLLOWING:**

• Short description of course, its features, role and place as a component of a professional degree in higher education,

- Level of knowledge and skills a student shall possess to study the particular course,
- Learning objectives and tasks of the course,
- Level of course mastering requirements as a learning outcome,
- Extent of course and student work modes: lectures, seminars, lab and practical works, term papers, essays, home assignment, tests etc., which are laid down in the working plan of the course,
- Assessment modes – current, midterm and final,
- Assessment methodology for current, midterm and final grades,
- Other explanations,
- The syllabus shall contain a learning map in the form of a table, which shows thematic distribution per weeks, teaching methods, learning and assessment forms,
- The course content shall be divided into modules with their sections and topics,
- The syllabus shall contain a list of literature, as well as software and technical facilities needed to learn the course,
- The list of literature shall be divided into the main section and additional section.

The syllabi are approved at the Department meetings; all approved syllabi shall be available for students in printed and electronic versions within the week prior to the start of the course and shall be published on the Center's website.