Silbus of academic discipline

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| # | Field Name | Detailed content, comments |
|  | Name of faculty | Faculty of Computer Science |
|  | Level of higher education | Master's degree |
|  | Specialty code and name | 122 Computer Science |
|  | Type and name of the educational program | OPP"Project Management in the Field of InformationX Technologies" |
|  | Code and name of the discipline (information from CIST) | Project analysis in the IT field |
|  | Number of ECTS credits | 6 |
|  | Discipline structure (distribution by types and hours of study) | 20 g. – 10 lk, 20 g. – 10 p. 10 g. – 5 cones, 100 g. – independent work, type of control: scoring |
|  | Schedule (timing) of the discipline | 1st year, 1semester |
|  | Prerequisites for studying in the discipline | Previously, disciplines "In the management ofITprojects" should bestudied; "Onthe board of ITinfstructure of the enterprise", «Support of IT project management» |
|  | Abstract (content) of the discipline | Mandatory discipline of professional and practical training, contains content modules:  1. Basic principles, concept of project analysis and justification and optimization of investment decision-making.  2. Models, methods and approaches to evaluating the effectiveness of IT-projects. |
|  | Competence, knowledge, skills, understanding that the applicant will master in the learning process | Ability to make an informed choice of methods and approaches and tools for managing IT projects based on the analysis of their properties and purpose, in accordance with certain requirements;  - ability to develop and use software for analysis, pre-processing and data management in IT project management.  Knowledge of concepts and terms of project analysis and methods in conducting project analysis  Ability to select relevant information and use it correctly, analyze and think critically. |
|  | Results of higher education | Ability to demonstrate knowledge of methods and means of formation, analysis and detection of patterns in distributed data arrays in information environments of various purposes in order to support decision-making in IT project management |
|  | Assessment system according to each task for the test/exam | As a form of final control for the discipline "Project analysis in the IT field", the test is used.  To evaluate the student's work during the semester, the rating is cumulative and is calculated as the sum of grades for different types of classes (works): for lectures; for practical classes using a PC (CCD); for independent work (CP). Knowledge of the material of lectures and independent work is evaluated in practical classes in the form of assessment of the answer to control questions, which are provided in methodical instructions for practical classes, oral and written answers to questions, evaluation of reports on practical classes. Evaluation of this material is carried out in the development of practical classes. |
|  | Quality of educational process | Adherence to the principles [of http://lib.nure.ua/plagiat](of%20http://lib.nure.ua/plagiat)(2015). |
|  | Methodological support | 1. Complex ofeducationaland methodological support of academic discipline " Project analysis in the field of IT " training of magicians and systems of specialty 122 "Computerscience",educational program"Projectmanagement in thefield of information technologies " [Electronic resource] / NURE; developed. O.E. Dolya. . – Kharkiv, 2019. – 167 p. .  2. Methodical instructions on practical classes in the discipline "Project analysis in the field of IT"/ Order. O.E. Dolya. : (20 hours, 2019, [Electronic resource])  3. Methodical instructions on the organization of independent work from the course "Project analysis in the FIELD of IT"/ Order. O.E. Dolya. : (2019, [Electronic resource]) |
|  | Sylabus developer (position, full name, e-mail) | O.E. Dolya, Associate Professor of ICS, Candidate of Technical Sciences, Associate Professor  E-mail: [Olena.](mailto:Olena.Dolya@nure.ua) [Dolya@nure.ua](mailto:Olena.Dolya@nure.ua) |