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) | It project portfolio and program management |
|  | Number of ECTS credits | 6 |
|  | Discipline structure (distribution by types and hours of study) | 24 g. – 12lk, 24 g . – 12 p. 12 g. – 6 cones, 120 g. – independent work, type of control: scoring |
|  | Schedule (timing) of the discipline | 1st year, 2ndsemester |
|  | 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, management of project portfolios and programs and justification and optimization of decision-making.  2. Methods and models of project portfolio formation and management. |
|  | Competence, knowledge, skills, understanding that the applicant will master in the learning process | - Ability to make informed choices of rational solutions for the development and implementation of models, methods and tools for managing IT projects in order to ensure a given level of efficiency of their operation;  - ability to select and use technical means of data collection and processing and their integration into the IT project management tools.  - Knowledge of change and shift of emphasis from traditional educational forms to cooperation, partnership, joint search of new complex knowledge, mastering of skills to use this knowledge at creation of the intellectual product demanded by community.  - Ability to form reserves to improve the efficiency of projects;  - to distinguish the sphere of economic efficiency of implementation of different types of design decisions. |
|  | 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 thediscipline "Management of project portfolios and programs in the ITfield", the scoring 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](http://lib.nure.ua/plagiat)(2015). |
|  | Methodological support | 1. Complex ofeducationaland methodological support of academic discipline " Management of project portfolios and programs in it " training of magicians and specialty 122 "Computerscience", educationalprogram"Projectmanagement in the field of information technologies " [Electronic resource] / NURE ; developed. O.E. Dolya. . – Kharkiv, 2019. – 167 p. .  2. Methodical instructions on practical classes in the discipline " Managing project portfolios and programs in it "/ Order. O.E. Dolya. : (20 hours, 2019, [Electronic resource])  3. Guidelines for organizing independent work on the course "Managingproject portfolios and IT programs "/ How to manage them. O.E. Dolya. : (2019, [Electronic resource]) |
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