Reg.# 11.4.02.00

Review

for the bachelor's educational program: "Intelligent Information Systems"

Department of Automation and Intelligent Information Technologies

Vinnytsia National Technical University

The specialists training of the field of information systems and technologies is extremely relevant in modern education. The development of scientific and technological progress of mankind depends on the quality of training of such specialists.

The purpose of the educational program of the bachelor's level "Intelligent Information Systems" (http://surl.li/mvss) is to form the general and professional competencies needed to solve current engineering problems in the field of intelligent information systems and technologies.

Noticeable that the current content of the educational program, which in terms of disciplines correlates with the best examples of similar programs at universities in the United States, Canada, and Europe. As examples I can give the following:

1. Stanford University. Computer science:

   CS 344: Topics in Computer Networks.

   CS 348B: Computer Graphics. Image Synthesis Techniques.

   (http://surl.li/mvsw).

2. University of Cambridge. Part II CST:

   1. Principles of Communications.

   2. Advanced Graphics and Image Processing.

   3. Interaction with Machine Learning.

   (https://www.cl.cam.ac.uk/teaching/2021/part2-75.html).

3. Harvard Business School:

   1. Introduction Module: Introduction to Business Analytics.

ISO 9001 CERTIFIED

2. Module 1: Describing and Summarizing Data.

(http://surl.li/mvtf).

4. University of Toronto:

1. Introduction to Computer Programming.

2. Data Structures and Analysis.

3. Programming on the Web.

(https://student.utm.utoronto.ca/calendar/newdep_detail.pl?Depart=7).

5. MIT, Course 6-3 Computer Science and Engineering:

1. Introduction to Machine Learning

2. Fundamentals of Programming

3. Advanced Natural Language Processing

(http://catalog.mit.edu/degree-charts/computer-science-engineering-course-6-3/).

I worked with and knew the Department of Automation and Intelligent Information Technologies long time for special scientific and educational projects, which allow them to prepare of the good quality "Intelligent and technical systems technologies" educational program. The level of preparation of graduates of the Department of Automation and Intelligent Information Technologies is high enough and allows them successfully to apply their professionalism in any country of the world.

Professor, Dr. Sc

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