REVIEW

for educational and professional and educational and scientific programs "Computer and
Mathematical Modeling" (second (master's) level), specialty 113 – Applied Mathematics
at the Institute of Computer Modeling, Applied Physics and Mathematics
of the National Technical University "Kharkiv Polytechnic Institute".

The SoftInWay, Inc. company notes the high level of training of specialists in the "Computer and Mathematical Modeling" educational programs. The company also notes that the acquired knowledge is sufficient to quickly master advanced tools for the design, analysis and optimization of turbomachines developed by the company.

The educational programs thoroughly cover all aspects of applied mathematics, from theoretical aspects to practical applications. They include subjects in computer modeling of strength, rotor dynamics, flow simulation, that is, everything that is necessary for successful work in the field of mathematical modeling of processes and phenomena that occur during the operation of turbomachines.

Thanks to the inclusion of project-based learning, students have the opportunity not only to study theory, but also to apply their knowledge in real engineering tasks. It promotes the development of creative thinking and teamwork skills.

The program is characterized by flexibility, giving students the opportunity to choose courses. This allows adapting training to the individual needs and work schedule of students.

As a wish, the expediency of introducing disciplines with consideration of provisions and methods of optimization theory and features of practical application of these methods in the modernization of structures and turbomachines can be noted.

The general assessment of the educational program "Computer and Mathematical Modeling" (master's level), specialty 113 – Applied Mathematics from the point of view of SoftInWay, Inc. is very positive. It not only creates fundamental knowledge in the field of applied mathematics, but also helps students develop skills that are key to success in today's engineering field.

President & CEO at SoftInWay, Inc.   Dr. Leonid Moroz