



*Academic Society
of Michal Baludansky,
University of Central
Europe*



CERTIFICATE № 1/01-2019

This is to certify that

SERGII KLYMENKO

**has passed advanced training
DEVELOPMENT STRATEGY AND THE STATE
OF MODERN ENGINEERING TECHNOLOGIES**

**in Universities and Engineering Enterprises
of Slovakia**

*February, 18-23, 2019
Košice – Prešov - Poprad*

Training program (120 hours or 3,6 credits ECTS):

48 contact hours, workshops
72 individual work hours

*Vice President
of Academic Society of Michal
Baludansky in Kosice,
Ing. PhD.*



Lenka Dubovická

*Acting Director
of the Educational and Consulting Site in
Košice, University of Central Europe, Skalica
Dr.h.c. Prof. Ing., CSc.*



Tatiana Varcholová

22 February 2019, Košice

Internship (probation) programme

Module I. International Scientific and Technical Seminar in the specialized departments of the Faculty of Machinery Engineering, Technical University of Košice:

- Department of Automotive Production,
- Department of Computer Aided Engineering Production,
- Department of Mechanical Engineering Technologies and Materials,
- Department of Robotics,
- Department of Process and Environmental Engineering,
- Prototyping and Innovation Centre.

Module II. International Scientific and Technical Seminar in:

- the research and production company **SPINEA in city Presov** (production of high-precision gearboxes for industrial robots),
- the production company **TATRAVAGONKA in city Poprad** (leader in Europe in development of freight wagons and bogies).

Module III. International Scientific and Technical Seminar on the basis of internship "MODERN QUESTIONS OF PRODUCTION AND REPAIR IN INDUSTRY AND IN TRANSPORT"

Seminar topics:

- Current trends in the development of engineering technology,
- Preparation of production as the basis for creating competitive products,
- State and prospects for the development of procurement production,
- Improvement of mechanical and physico-technical processing technology in machine building and instrument making,
- Strengthening technologies and coatings,
- Modern technologies and equipment in the assembly and welding industry,
- Repair and restoration of machine parts in industry and transport, equipment for the manufacture, repair and restoration,
- Standardization, certification, technological management of quality and operational properties of engineering and instrument making products,
- Implementation of the standards of DSTU ISO 9001: 2015 in industry, higher educational institutions, medical institutions and government bodies,
- Metrology, technical control and diagnostics in machine building and instrument making,
- Ecological problems and their solutions in modern production.

Module IV. Higher education system in Slovakia

Visit to **the Educational and Consulting Site in Košice, University of Central Europe, Skalica** and acquaintance with the material and technical base.

Lectures:

- Organization of educational process and evaluation of the work of teachers and students of higher educational institutions in Slovakia,
- Features of organization of students' practice in EU countries,
- Organization of conducting master classes.

Module V. Independent work

The opportunity to publish full texts of presentations in the form of articles in the journal **"SCIENTIFIC LETTERS OF ACADEMIC SOCIETY OF MICHAL BALUDANSKY"**.

TOTAL: 120 training hours (3,6 credits ECTS)