

Name of the course: **COMPUTER APPLICATION DEVELOPMENT**

Field of study: Electrical Engineering

Level of studies: postgraduate studies

Duration of the course: Lectures – 15 hours, Laboratory – 15 hours (recommended)

Conducting unit: Department of Electrical Engineering of Transport Faculty of Electrical and Control Engineering

Subject supervisor: Andrzej Wilk, Ph.D., D.Sc., Eng., Associate Professor

Scope of the course:

- Object Oriented Programming,
- Windows Presentation Foundation,
- eXtensible Application Markup Language (XAML),
- Controls,
- Layout,
- Data binding,
- Events,
- Styling,
- Resources,
- 2D/3D Graphics,
- Animation,
- Multimedia.

Properly adapted lectures for undergraduate studies or postgraduate studies.