



Teacher Training (TT) Course Syllabus

Institution Name	Brest State Technical University (BrSTU)
TT Course Title	"Video as a Learning Tool for Engineering Disciplines"
Instructor(s) Name(s)	Pavel Kachurka
Faculty and Department	Faculty of Electronic Information Systems, Department of Intelligent Informational Technology
Position	Associate Professor
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Meeting Dates & Times	24-28 February, 2019 / 11:30-13:30
Place/Room(s)	2 building/Room 404 & 411
Workload	10 hours presented in 2 hours per day X 5 days of classroom work and 26 hours of individual work (1 Credit)
Course Purpose	The purpose of this teacher training (TT) course is to provide teachers with a specific expertise in creating and using video in teaching process. Additionally, they will develop and/or improve skills in creation of enhanced multimedia presentations for lectures.
Learning Outcomes (LOs):	Upon successful completion of this course, the trainees will be able to: <ul style="list-style-type: none"> • Create enhanced lecture materials for use within interactive offline and/or online distance learning courses • Create Flipped Classroom with Panopto tool (and/or analogues) • Identify possible applications in their teaching practices • Create videos by using the App/software "Explain Everything"
Course methodology/Instructional Strategies	The training approach of the course consists of: <ul style="list-style-type: none"> • Lectures – instruction and theory on the creation and usage of videos within disciplines learning • Small group exercises – adapting theory • Questions and answers – updating skills and knowledge • Presentations and syllabus will be sent in an electronic format
Recommended Texts & Materials	https://www.panopto.com/resources/
Basic Technical/Media	Laptop or Tablet PC, Smartphone (iOS or Android-based); internet

Requirements	connection; special software required - Panopto
Quality Assurance (QA)	Online feedback survey of trainees and a brief QA report

Course Overview/Outline

Training Days	Key Topics	Learning Activities	Assignments
Day-1 24 Feb 2019 11:30-13:30 2/404	<ul style="list-style-type: none"> Using Video in Teaching & Learning 	<ul style="list-style-type: none"> Lecture videos Small group discussion 	<ul style="list-style-type: none"> recognize different learning scenarios that use video on online learning
Day-2 25 Feb 2019 11:30-13:30 2/411	<ul style="list-style-type: none"> Video capturing: easy and useful 	<ul style="list-style-type: none"> Laboratory work Preparation of own projects 	<ul style="list-style-type: none"> Start work with tools for creation of video
Day-3 26 Feb 2019 11:30-13:30 2/411	<ul style="list-style-type: none"> Flipped Classroom 	<ul style="list-style-type: none"> Laboratory work Preparation of own projects 	<ul style="list-style-type: none"> identify different sets and contexts in their practices where video can be used effectively
Day-4 27 Feb 2019 11:30-13:30 2/411	<ul style="list-style-type: none"> Interactive Classroom Helper applications 	<ul style="list-style-type: none"> Laboratory work Preparation of own projects 	<ul style="list-style-type: none"> recognize different teaching strategies that use video based apps
Day-5 28 Feb 2019 11:30-13:30 2/404	<ul style="list-style-type: none"> Video supported lectures for Engineers 	<ul style="list-style-type: none"> Presentations of projects 	<ul style="list-style-type: none"> Group projects and group presentation