

You have been registered for AU London 2018.

Here are the credentials to log in to your dashboard!

Username: anka.grabowska@gmail.com

Password: *****

Log in to your dashboard: <https://aulondon2018.dryfta.com/en/userlogin>
This is a random-generated password and you are advised to change it on first login.

From TeleCAD to Fusion 360, Open Doors and Autodesk University - ACSA PG Case Studies

Learning objectives:

1. Incorporating Learning Management Systems (LMS) in teaching AutoCAD and group work
2. Enabling university students taking part in Fusion 360 Designathon
3. Introducing Autodesk Open Doors and Autodesk Certification
4. Connecting Autodesk University and LMS Moodle platform

Abstract Summary: (Up to 100 words)

In the Hands on Lab case studies from more than 20 years experiences of ACSA PG (1995) will be presented. ACSA PG stands for Authorized Autodesk Training Center at Gdansk University of Technology. Since 2005 it has been incorporated in IT Service Center unit. Since 2016 ACSA PG has have a statute of the Authorized Academic Partner. The case studies focus on developing and implementing Learning Management Systems (LMS) for the distance courses preparation and delivery (TeleCAD), enabling distance and group work for student (Fusion 360) and incorporating Autodesk certification (Open Doors).

Description*(Up to 500 Words)

The main idea of the class is based on implementing Learning Management Systems (LMS) for support delivery of Autodesk software training, group work and certification. Due to financial constraints it is recommended to use Open Resource/Open Content solutions which are on a top of interest of professional communities. From the students perspective it is recommended to validate skills and knowledge in Autodesk products to advance careers in engineering or digital arts offering the certificates which are internationally recognized (Autodesk Certified User, Advanced Certified Professional). It must be underline that nowadays Autodesk provides free educational resources and certification to help students succeed.

We will start our class from TeleCAD and continue with Fusion 360 and Open Doors case studies. The idea of the TeleCAD course evolved from the AutoCAD course delivered in Open Distance Learning mode for students from Civil Engineering Department at Gdansk University of Technology since 1996. The TeleCAD project (Teleworkers Training for CAD Systems' Users) was co-financed by European Union Leonardo da Vinci Programme and developed by Gdansk University of Technology (GUT) in co-operation with four institutions from Greece (IDEC, ZEUS), Finland (Pekkala Software Oy), Italy (ARGO) and Polish company Young Digital Poland S.A. The main aims of the project were following: developing an Internet based platform (Learning Management System) for the distance courses preparation and delivery, developing training materials available in printed, CD and online forms, enabling distance and group work for students, tutors and managers. The course consisted of 10 modules covering basics of drawing in AutoCAD. Every module included a set of tasks for students, with description of an appropriate solution. The course materials were prepared as HTML pages to be acquired by the WWW, from the CD or online. The course incorporated also a module about basics of teleworking. Students were supposed to prepare a project in groups. The final assignment of the course was a project delivered by an internal e-mail in the LMS TeleCAD to the assigned instructor. To prove that the student was an author of the drawing, he/she was asked to make some changes to the project in the presence of the instructor. It must be underline that the TeleCAD was an inspiration for implementing distance education and blended learning at the Gdansk University of Technology. In order to support LMS sustainability in 2003 the TeleCAD was replaced with Moodle. The European Fusion 360 Designathon (20-21.01.2017) and the European Certification Open Doors (6-11.11.2017) were organised and delivered on the SP4CE platform. SP4CE stands for Strategic Partnership for Creativity and Entrepreneurship project which was funded with support from the European Commission under the ERASMUS+ Programme (1.09.2014 - 31.08.2017). In the class the concept and implementation of Learning Rooms (LR) dedicated for companies and young people who want to enter the labor market will be presented. The hands-on lab participants will have an opportunity to visit and work in Learning Rooms dedicated to Fusion 360 and Open Doors events.

<https://academy.autodesk.com/software/autocad>