

COURSE TITLE:**CAD 2D SYSTEMS**

Institute / Division;

Institute of Applied Computer Science

Number of course hours:

60

Course duration:

1 semester

ECTS credits

5

Course description:

Essentials of computer engineering 2D graphics. Computer programs for creating vector 2D graphics: Autocad, Intercad, DWGEditor. Creating of document templates, basic commands, configuration. Methodologies of creating 2D engineering drawings. First angle projection, views and intersections. Simplified drawings of screw joints, welds etc. Placing designations of tolerances and fittings. Creating of diagrams, schemes and charts.

Literature:

F. E. Giesecke and others, Technical Drawing, Prentice Hall, New York 2006

Course type:

lectures + projects

Assessment method:

Attendance, final project, final test

Primary target group:

1st year students of MSc course in "Computer Aided Design in Mechanical Engineering"

Lecturer:

Wojciech Czyżycki, PhD

Contact person:

Wojciech Czyżycki, PhD; phone: +48 12 628 36 54,

e-mail: czyzycki@mech.pk.edu.pl

Deadline for application:

May 31