# Information sheet for the course
# CAD CAM II

**University:** *Alexander Dubček University of Trenčín*

**Faculty:** *Faculty of Industrial Technologies in Púchov*

**Course unit code:** *PP-P-24* | **Course unit title:** *CAD CAM II*

**Type of course unit:** *compulsory*

**Planned types, learning activities and teaching methods:**
*Lecture: 0*
*Seminar: 0*
*Laboratory tutorial: 2 hours weekly/26 hours per semester of study; face to face*

**Number of credits:** *2*

**Recommended semester:** *the 4th semester in the 2nd year of the full-time form of study, the 6th semester in the 3rd year of the part-time form of study.*

**Degree of study:** *the 1st degree of study (Bachelor's degree)*

**Course prerequisites:** *accomplishment of PP-P-17 (CAD CAM I)*

**Assessment methods:**
*To accomplish the given subject, student is obliged to be present at the lessons with the reference to specifications introduced in the study rules for the given study programme. He/she is also obliged to solve all predetermined tasks using PC and he/she also has to prepare and defend his/her predetermined work.*

**Learning outcomes of the course unit:**
*Student is able to solve the specific tasks using basic or fundamental principles relating to Pro/Engineer program and he/she can apply the obtained knowledge during the preparation or creation of the technical documentation.*

**Course contents:**
*Revision and completion of the fundamental or basic principles or features relating to Pro/engineer program:*

- *revision and completion – creation of 2-D drawings – SKETCHER*
- *revision and completion – creation of 3-D models (fundamental features, principles)*
  - *– u utilisation of "EXTRUDE TOOL" for creation of all extruded features relating to solid protrusions and cuts, thin protrusions and cuts, extruded surfaces*
  - *– creation of component parts where the sketched centreline is used - utilisation of REVOLVE TOOL" for creation of all revolved features in relation to solid protrusions and cuts, thin protrusions and cuts, revolved surfaces*
  - *– creation of component parts which are rounded – utilisation of "ROUND TOOL" for creation of all rounded features in relation to solid protrusions and cuts, thin protrusions and cuts, rounded surfaces*
  - *– creation of creation of component parts which are chamfered – utilisation of "CHAMFER TOOL" for creation of all chamfered features in relation to solid protrusions and cuts, thin protrusions and cuts, chamfered surfaces.*
- *creation of drawing using the basic features from "DRAWING" menu*
- *creation of assemblies using the basic features from "ASSEMBLY" menu*

**Recommended or required literature:**
*Manual Books relating to Pro/engineer program*

**Language:** *Slovak*

**Remarks:** —

**Evaluation history: /Grading system/**

| A | B | C | D | E | FX |
|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| **Lecturers:** *doc. Ing. Ján Vavro, PhD.* |
| **Last modification:** *31.03.2015* |
| **Supervisor:** *doc. Ing. Ján Vavro, PhD.* |