IMAGE PROCESSING AND COMPUTER GRAPHICS 2012
RULES

1. Contact:

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2. Subject:

   7 ECTS credits – 175 – 210 hours of work (1 ECTS – 25-30h.)
   Lecture 30 h.
   Laboratory 15 hours (mainly tool and language recognition, exercises)
   Project 15 hours (image processing and computer graphic projects)
   Self work: 115 – 150h.

3. Rules:

   1. Projects should be developed **in Python (not in : C++, Java, Matlab)**

      Recommended: **Python Enthought** distribution (http://www.enthought.com/, free for academic) with many build in modules e.g.:

      1. numpy, scipy, PIL – image processing
      2. mayavi, pyOpenGL – computer graphics
      3. tvtk, vtk – image   processing and computer graphics
      4. TraitsUI, Qt, wxPython – Graphical User Interface
      5. many, mnay more....

   2. Full support and supervision will be available

   3. Groups consists of 2 persons

   4. **The final report** should contain **conclusions** not only images. Report is obligatory!

      1. Introduction and goal

      2. Materials and methods

      3. Results

      4. Summary and conclusions

      5. CD with the source code

   5. All project **have to** be finished and passed **before 11th week** of the semester! One week late is equal to 1 mark down!!!

   6. **Presence during classes is obligatory**. It is allowed to be one time absent (4h)