Teaching Quality Initiative
„Fit for the future“

Prof. Dr. Veronika Thurner, Prof. Dr. Axel Böttcher, Dr. Kathrin Schlierkamp, B.Sc. Daniela Zehetmeier

**MOTIVATION**
Extremely heterogeneous group of freshmen students

**VISION**

- Conjecture
  - Difficulties not caused by a lack of intellectual capacity
  - Rather by significant deficiencies in certain base competencies

- Thesis
  - With help of lecturers gaps can be identified and closed

**STUDENT’S BENEFITS**
- Generate awareness of required base competencies
- Assess and analyse personal profile
- Participate in special teaching units
- Reflect on one’s own competence profile

**LECTURER’S GOALS**
- Adjust teaching methods to students’ competency profile
- Get to know students’ base competency profile

**RESULTS: SELF-ASSESSMENT**
- Relevant competencies selected
- Model student defined
- Teaching methods adjusted
  - Avoid non-crucial missing competencies if possible
  - Systematically develop competencies that are required but lacking
  - Introduce concept of pair teaching, with one lecturer focusing software technical competencies and the other one base competencies
- Initialize process for cooperative student coaching
- Evolve assessments and carry them out on a regular basis

**CURRENT RESULTS AND FUTURE WORK**