Reflective Teaching in School of Materials Science and Engineering

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1. Present State of Reflective Teaching

Pre-class Reflection

- Attend course lectures
- Tutoring course
- Complete teaching training
- Pass trial teaching

After-school Reflection

- Examination paper analysis
- Course teaching workshop
- Attend a demonstration class of master teachers
Reflective-in-action

- Peer observation of teaching
- Teaching supervisor attend a lecture
- Mid-term teaching inspection
- Teach students to learn to study
  - e.g. find out mistakes in text books
2. Problems & Suggestions

2.1. Main Problems

- Teachers lack of initiative for teaching reflection, since it has limited effect on salary and occupational promotion
- Reflection mainly focuses on ‘How to teach’ not ‘How to study’
- Some teachers do not have reflective consciousness or know how to reflect
- Difficult to assess the process and effect of teachers’ reflection
2.2. Suggestions

- Encourage and guide teachers to learn self-reflection
- Teaching research paper is required for the promotion of the professional title
- Need direct teacher-student dialogue about teaching content and effect
- It is quite necessary to provide more chances for teachers to study new teaching theories
Thanks!