Applied strategies of teaching learning and assessment for HE students

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Agenda

• Introduction
• Value based teaching, learning and assessment
• Proof of Concept
• Best practices
• Question
Introduction

• Managing expectations of our students becomes a challenge
• A need for new means and tools becomes a necessity
• New methodologies based on ICT and new technology
• Think big to more involve students in teaching and learning process
• Applied strategies lesson learned
Value-based teaching, learning and assessment (TLA)

• Proposed methodology focused on maximizing the value of our products/students.
• Aims and objectives from the proposed model are basically:

  1- Start with the end state – what is needed? – Improve graduate attributes
  2- Cascade down to embed enhancements in TLA process to reflect end state
  3- Measure quantitatively the enhancements via KPIs
  4- Improve the program/course ILOs and link it with end state
  5- Close the loop with TLA process monitor and control
Proof of concept

• Case study is based on new course delivered in Engineering – Project management
• Course objectives and USP are designed to start with end state (Qualified PMP certified students, industrial dimension).
• This objective cascaded down into the TLA process via (case studies, seminars, workshop, open discussion, interactions, quiz per lecture).
• Outcomes are measured via KPIs (Summative/formative assessments, voting, discussions, feedbacks).
• ILOs are linked with the end state to involve more the students in the TLA process
• Reflect practices best practices of the course core from industrial point of view to fill the gap between theory and market needs.
• Continuous improvement via monitor and control to assess what went right and what went wrong.
Best practices/Lesson learned

- New assessment strategy – quiz per lecture
- Clear lesson plan per lecture
- Teaching and learning via (Case study, practical examples from industry, guest speakers
- Encourage brainstorming and discussion around class time
- Assessment criteria focused on practical assessment (quiz, projects, case study)
- Active feedback to students (1-1 feedback)
- Open communications with students to break the ice and encourage participations
- Build team work project across the whole cohort where students divided into groups and each group nominate SPOC or leader to communicate with other groups towards one common objective.
- This approach help in solidify and materialize some skills like leadership, communication, time management and conflict management.
- Link course material with WW certifications to give students future targets/ILOs for what they are learning
Questions ?
Thank you