**Effective Engineering Teaching in Practice**

Recently, there has been an increasing focus on improving engineering teaching to enhance student learning and engagement. This focus has led to the development of innovative teaching methods and the integration of technology into the classroom. In this course, we will explore various strategies for effective engineering teaching. We will discuss the importance of student-centered learning, the use of active learning techniques, and the role of technology in enhancing the learning experience.

**Course Objectives**
- Understand the principles of effective engineering teaching.
- Develop strategies for student engagement and active learning.
- Learn how to integrate technology into engineering education.
- Reflect on personal teaching practices and identify areas for improvement.

**Assessment**
- Weekly assignments: 30%
- Midterm exam: 30%
- Final project: 40%

**Textbook**

**Course Instructor**
- Prof. R. Smith
- Email: rsmith@university.edu

**Course Schedule**
- Week 1: Introduction to Engineering Education
- Week 2: Pedagogical Strategies for Student Engagement
- Week 3: Active Learning Techniques in Engineering Education
- Week 4: Technology Integration in Engineering Teaching

**Contact Information**
- Office: Engineering Hall, Room 301
- Phone: 555-1234

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**Course: Effective Engineering Teaching in Practice**

**Instructor:** Prof. R. Smith

**Course Description:**
This course is designed to provide engineers with a comprehensive understanding of effective teaching strategies. It covers the latest research in engineering education, including student-centered learning, active learning, and the use of technology in the classroom. Participants will develop skills in creating engaging lesson plans, assessing student learning, and using technology to enhance the learning experience.

**Objectives:**
- Enhance understanding of engineering education principles.
- Develop strategies for student engagement and active learning.
- Integrate technology into engineering education.
- Reflect on personal teaching practices and identify areas for improvement.

**Assessment:**
- Weekly assignments: 30%
- Midterm exam: 30%
- Final project: 40%

**Textbook:**

**Schedule:**
- Week 1: Introduction to Engineering Education
- Week 2: Pedagogical Strategies for Student Engagement
- Week 3: Active Learning Techniques in Engineering Education
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