Effective Teaching Techniques
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Effective Teaching Techniques

- What is the most effective teaching technique?
Student Preferences (Learning)/Faculty Preferences (Teaching)

- Students will always learn less than what we hope.
- How much students learn depends upon:
  * Their abilities,
  * Background, and
  * Match between their learning style and the teaching style.
- We can not change students’ abilities, background, or their learning style.
- Thus, faculty only can work with teaching style.
Learning Style
Felder and Silverman’s model

- **Input**
  - Visual
  - Verbal

- **Processing**
  - Active
  - Reflective

- **Understanding**
  - Sequential
  - Global

- **Perception**
  - Sensory
  - Intuitive
Teaching Style

- Presentation
  - Visual
  - Verbal

- Student Participation
  - Active
  - Passive

- Perspective
  - Sequential
  - Global

- Content
  - Concrete
  - Abstract
<table>
<thead>
<tr>
<th>Learning Style</th>
<th>Teaching Style</th>
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<tbody>
<tr>
<td><strong>Input</strong></td>
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Potential Impact of Teaching & Learning Mismatches

- Students do not comprehend material
- Faculty are disappointed with poor student performance and unresponsiveness.
- Society potentially loses future professionals.
Teaching Style

- Lower Division Courses
  * Basic principals
  * Students with limited learning experience

- Upper Division Courses
  * Advanced
  * Students with good learning experience
THE END