

Learning Styles

Graduate student
TATP microteach #2

Objective

- Develop awareness of different learning styles and learning style models and be able to access some learning style inventories.

Outline

- Learning styles defined
- Differences in learning
- Learning style models

“Students have different strengths and preferences in the ways they take in and process information – which is to say, they have different *learning styles*.”

- Felder & Spurlin 2005

Differences in student learning

- Visual, aural, read/write, kinaesthetic
- Active or reflective
- Concrete or abstract
- Sequential or global

Learning style models

- Kolb – Experiential learning cycle
- Felder & Silverman – Index of learning styles
- Gregorc – Gregorc Style Delineator
- Fleming - VARK inventory

Try it yourself!

- Index of Learning Styles (Felder)

<http://www.engr.ncsu.edu/learningstyles/ilsweb.html>

- VARK Questionnaire (Fleming)

<http://www.vark-learn.com/english/index.asp>

References

- Felder, R.M. & J. Spurlin. 2005. Applications, reliability and validity of the Index of Learning Styles. *Int. J. Engng Ed.* **21(1)**: 103-112.