Applying SECTIONS to selecting appropriate learning technologies

S
Student characteristics
- Demography
- Technological background
- Preferences
- Equity
- Involve students in the discussions

E
Ease of use
- Hardware
- Software
- Infrastructure
- Staffing
- Maintenance
- Upgrades
- Paid developers
- Unpaid developers, e.g. academics

C
Cost
- Learning WITH technology, not learning THE technology

T
Teaching and learning
- Learning objectives
- Measure effectiveness
- Curriculum requirements
- Knowledge or skill?

I
Interaction to promote active learning
- Feedback
- Assessment
- Interaction with materials
- Interaction between learners
- Interaction between teacher and learners

O
Organization
- Organization’s support
- Technical support
- New approach needs to be learned

N
Novelty
- Possibly better engagement

S
Spect
- Design and development
- Implementation
- Modification
- Benefit in time saved

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V3 Sep 2010
V4 Jan 2011

Effective Teaching with Technology in Higher Education: Foundations for Success
A.W. Bates and Gary Poole