How UTC Learn Supports Instruction and Learning

Learning Outcomes, Assessment, and the LMS
Learning and the LMS

- Socially situated within learners’ active participation (Lave & Wenger)
- Constructivist / Social Cognitive viewpoint supports facilitation approach (Mezirow)
- Focus on learning about why and how, not teaching the traditional what (Scott).
- LMS facilitated space to conduct, document, and assess:
  - Discuss, argue, negotiate ideas
  - Solve problems
  - Actively engage (Palincsar)
    - Synchronous
    - Asynchronous
Cognitive Load and Learning – UTC Learn

• There is no back row in the Virtual Classroom
• Allows for organization
  • Course materials
  • Activities
  • Discussions
  • And more . . . .
• Clear and measurable expectations
  • Deliverable / Assignment descriptions
  • Rubrics
  • Feedback / clarity of assessment
Community of Inquiry Model

Social Presence

Supporting Discourse

Cognitive Presence

LEARNING EXPERIENCE

Setting Climate

Regulating Learning

Teaching Presence

Planning for Learning – Utilizing the LMS

- Support and Guidance for Learner – reduction of Cognitive Load
- Course Syllabus
- Deliverables / Assignments
  - Submission
  - Feedback
  - Assessment
- Discussion opportunities
  - Support of flipped classes
  - Face to Face classes – allows for ongoing group work
  - Unplanned university closings
Student Learning Outcomes

- Clearly established and defined SLOs
  - What can the student demonstrate?
  - At what level?
- Mapping of course activities and deliverables
- Assessment of achievement of SLOs
  - Evidence of learning
  - Alignment with SLOs
- Documented in the LMS
Instructional Excellence and UTC Learn

- Course spaces in UTC Learn to document and assess experiential learning activities, field research, service learning, and more.
- Flipped Classrooms are easily managed in the LMS, allowing faculty to load the pre-session materials in accessible (and assessable) manner.
- UTC Learn provides tools to support Team-, Problem-, and Project- Based Learning
- Research Projects documented from start to finish (regardless of semester boundaries)
- Curriculum Mapping and Assessment of SLOs
References


