TECHNOLOGY DRIVES CHANGES IN LEARNING STYLE

Innovations in technology, coupled with new research, have enabled new styles of teaching and learning.

Creating Adaptable Environments to Support a Changing Campus

LIMITLESS LEARNING

Macro trends are having dramatic impact on higher education and how facilities and the overall campus environment are envisioned and utilized. A new goal of limitless learning is creating common needs across all areas of campus and is requiring a new approach to campus planning.

THREE FACTORS DRIVE HIGHER EDUCATION TRENDS

1. TODAY'S STUDENTS REFLECT A DIVERSE POPULATION

   - STUDENTS WORK PART-TIME: 8/10
   - HAVE CHILDREN: 3/10
   - ARE WOMEN: 6/10
   - ATTEND COMMUNITY COLLEGE: 5/10

2. TECHNOLOGY DRIVES CHANGES IN LEARNING STYLE

   - OLD STYLE OF EDUCATION: ONE-WAY INSTRUCTION
   - NEW TECHNOLOGY-BASED STYLE OF EDUCATION: COLLABORATION

   - TEACHING: Instructor as TEACHER
   - LEARNING: Instructor as facilitator or "LEARNING COACH"

   - STUDENTS ABSORB MATERIAL
   - STUDENTS CREATE MATERIAL

   - ONE SIZE FITS ALL EDUCATION
   - CUSTOMIZED EDUCATION

   - PASSIVE LEARNING, LOW INTERACTION
   - HIGHLY INTERACTIVE LEARNING

3. COLLEGES STRIVE TO FOSTER COMMUNITY AND COLLABORATION

   - OLD MODEL: Sufficient for one-way lecturing
   - NEW MODEL: Accommodates teaming areas, private work

   - OLD MODEL: 17-20 sq ft per student
   - NEW MODEL: 20-35 sq ft per student

   - OLD MODEL: Suffices for classroom teaching
   - NEW MODEL: Serves for collaborative, private work

   - OLD MODEL: Self-supporting
   - NEW MODEL: Self-supporting

   - OLD MODEL: Adults age 24+
   - NEW MODEL: Adults age 24+

   - OLD MODEL: Have children
   - NEW MODEL: Have children

   - OLD MODEL: Part-time
   - NEW MODEL: Part-time

   - OLD MODEL: Women
   - NEW MODEL: Women

   - OLD MODEL: Minority
   - NEW MODEL: Minority

   - OLD MODEL: 40% (self-supporting adults), 50% (attend part-time), 30% (parents)
   - NEW MODEL: 40% (self-supporting adults), 50% (attend part-time), 30% (parents)

   - TODAY'S STUDENTS REFLECT A DIVERSE POPULATION

   - LECTURE SPACES
   - LIGHTWEIGHT, MOBILE CHAIRS AND TABLES ALLOW USERS TO CONFIGURE THEIR OWN SPACE
   - DISPLAY WALLS CREATE MULTIPLE ZONES FOR DIFFERENT GROUPS TO SHARE SOLUTIONS
   - COMFORTABLE SEATING AND POWER AND DATA ACCESS ENCOURAGES STUDENTS TO STUDY TOGETHER
   - VARIED FURNITURE OPTIONS ACCOMMODATE DIFFERENT SIZES OF GROUPS AND TYPES OF GATHERINGS
   - WALL-MOUNTED VIDEO SCREENS AND MOBILE WHITEBOARDS ACCOMMODATE A RANGE OF DISPLAY NEEDS
   - MONITOR ARMS AND CLOUD COMPUTING LESSEN THE NEED FOR EXPANSIVE DESKTOP SPACE

   - INTERACTIVE SPACES
   - DISPLAY WITH A MULTI-MODAL NAME FOR DIFFERENT GROUPS TO SHARE SOLUTIONS
   - LARGE GROUP SPACES
   - FACULTY SPACES
   - MOBILE ARMS AND CLOUD COMPUTING LESSEN THE NEED FOR SEPARATE DESKING SPACE

LIMITLESS LEARNING DRIVES THE NEED TO DELIVER ADAPTABILITY THROUGH FOUR CRITICAL ELEMENTS

- FLEXIBILITY: Different configurations to support many activities
- ACCESS: Connectivity whenever activities occur
- ADJUSTABILITY: Modifies easily to accommodate a range of activities
- EXPRESSION: Favors that facilitate communication and idea sharing

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