



TEACHING & LEARNING

The background is a blue gradient, transitioning from a lighter blue at the top to a darker blue at the bottom. On the right side, there are several white, parallel diagonal lines that create a sense of movement and depth, extending from the bottom left towards the top right.

INSTRUCTIONAL TECHNOLOGY RESOURCES TODAY AND IN TWO YEARS

- Active Learning Classrooms NWQ – Fall 2014
 - 5 General Assignment ALC's
 - Discussions in place for scheduling and training
 - 2 General Assignment Computer Classrooms
 - SOIS first priority
 - KIRC Classrooms – Fall 2015
 - 5 General Assignment ALC's
 - STEM courses will be priority
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INSTRUCTIONAL TECHNOLOGY RESOURCES TODAY AND IN TWO YEARS

- END 127 – School of Education/General Assignment Classroom – Spring 2014
 - Interactive white boards and videoconferencing
 - Will be used for classes and for instructor training purposes
 - LTC Active Learning Classroom in LIB E175 – Spring 2014
 - Active Learning Classroom
 - Emphasis on experimental uses of furniture and technology
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INSTRUCTIONAL TECHNOLOGY RESOURCES TODAY AND IN TWO YEARS

- Proposal to upgrade Level 1 classrooms to Level 2
 - Level 1 Classroom – Overhead transparency
 - Level 2 Classroom – Data projector, audio
 - 24 Classrooms identified – AUP, CRT, HLT, LAP, MER, MIT
 - AUP 191 planned for Winterim as pilot
- Examples of current Level 1 Classrooms
 - MER 211
 - LAP 253
 - MIT B14

INSTRUCTIONAL TECHNOLOGY RESOURCES TODAY AND IN TWO YEARS

- Continuous upgrade of existing General Assignment Classrooms
 - Routine/deferred maintenance being addressed
 - “Analog Sunset” increasingly important issue
 - 80+ classrooms are mediated but not digital ready
 - Plans to address this problem are being developed
- Room Monitoring System
 - [Crestron RoomView](#)

COMMON TECHNOLOGY REQUESTS FROM INSTRUCTORS

- Average Fall Semester Sets/Strikes in classrooms
 - Mon/Wed - 105 per day
 - Tues/Thurs – 73 per day
 - Fri – 41 per day
 - Projector/monitor and laptop most common request
 - Technology is being requested from virtually all areas in greater quantity each year
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- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, set against a blue gradient background.


BARRIERS OR ISSUES TO USE OF INSTRUCTIONAL TECHNOLOGY RESOURCES

- Built in classroom technology at times underutilized
 - Class size
 - Limits room options
 - Meeting patterns
 - Mon/Wed vs. Tues/Thurs
 - Many classes scheduled at peak times (11:00AM, 2:00PM, etc...)
 - Instructor knowledge of available resources
- Knowledge of available resources
 - Access to information regarding technologies a challenge
- General Assignment and departmental classrooms/labs
 - Some classroom space may be under utilized if they are not GAC
 - Classroom funding for rooms that are not GAC is often a concern
 - Department funds may not be sufficient to meet cost of technology


FUNDING OF CLASSROOM TECHNOLOGY RESOURCES/PLANNING FOR UPGRADES

- General Assignment Classrooms
 - Annual fund managed through Space Planning
 - Maintenance account
 - Chairs, paint, seats, lamps, replacement parts etc...
 - Modernization account
 - Upgrade and installation of new technology
- State funds available each biennium for large projects
 - Lecture hall renovations
 - NWQD Active Learning Classrooms

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WIRELESS USE

- Allowing or banning wireless usage during class
 - Depending upon the course wireless may be a necessity for active learning style classes
 - Adequate bandwidth for pedagogical needs in classrooms
 - UWM WiFi significant improvement
 - Emerging issue of demand for wireless presentation
 - Wireless HDMI, WHDI (Wireless High Def), Apple TV
 - Will be a continuing challenge for WiFi support
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WIRELESS USE

- Student Response System, TurningPoint(Clickers)
 - 5000+ students using clickers each semester
 - Technology has evolved, ResponseWare
 - Smart phone, laptop, tablet, etc... vs. purchasing a clicker
 - Greater ability to interact and provide feedback to the instructor and class
 - Particularly valuable in large class settings
 - UWM WiFi is essential for this technology to function
 - Concern arising for systems being implemented that use their own wireless when UWM WiFi is not available
 - Locations with highest use without access to UWM WiFi
 - AUP 170
 - CRT 175, CUN 151 (5 instructors), 557 and G40
 - END 103 and 107
 - ENG 105
 - SAB G90

DIFFERENCES BETWEEN MEDIATED AND ACTIVE LEARNING CLASSROOMS

- Physical layout, furniture
 - Tables for group work
- Additional technology resources
 - Multiple screens and technology for collaboration
- Traditional mediated room is front facing orientation
- ALC is group based, often no front of room





LARGE COMPUTER CLASSROOM: 36 CAPACITY

- 1 INSTRUCTOR TABLE, 24"x60", WITH CHAIR (CASTORS)
- 18 TABLES, 24"x72" (CASTORS & POWER)
- 36 CHAIRS (CASTORS)
- 2 PROJECTORS
- 2 PROJECTOR LIFTS
- 2 SCREENS
- 1 AV CONSOLE (FORMERLY TEACHER CONSOLE)
- 6 4'X8' MARKER BOARDS OR MARKER BOARD PAINT ON 4 WALLS

BREAKOUT AREA:

- 1 ROUND TABLES (72" DIAMETER)
- 8 CHAIRS (CASTORS)
- MARKER BOARD PAINT ON 2 WALLS
- INFRASTRUCTURE FOR FUTURE SMARTBOARD (FIXED)

RESOURCE:

- 2 TABLES (36"x72")
- 2 TABLES (24"x48")
- 10 CHAIRS (CASTORS)
- 1 SMARTBOARD FIXED
- 1 4'X8' MARKER BOARD

SMALL GROUP CLASSROOM: 24 CAPACITY

- 1 INSTRUCTOR TABLE, 24"x60", WITH CHAIR (CASTORS)
- 4 RECTANGULAR TABLES (30"x84")
- 24 CHAIRS (CASTORS)
- 1 SMART BOARD (FIXED)
- 4 TWO SIDED MARKER BOARDS (MOBILE)
- ADDITIONAL
- WORK COUNTER
- 22 CHAIRS
- 2 ROUND TABLES (48" DIAMETER)
- 1 ROUND TABLE (60" DIAMETER)
- 2 TWO SIDED MARKER BOARDS (MOBILE)
- DIVIDER PANEL OR DUAL FUNCTION FURNITURE (MOBILE)
- CHECK-IN TABLE (WITH INFRASTRUCTURE FOR PC)

BREAKOUT AREA:

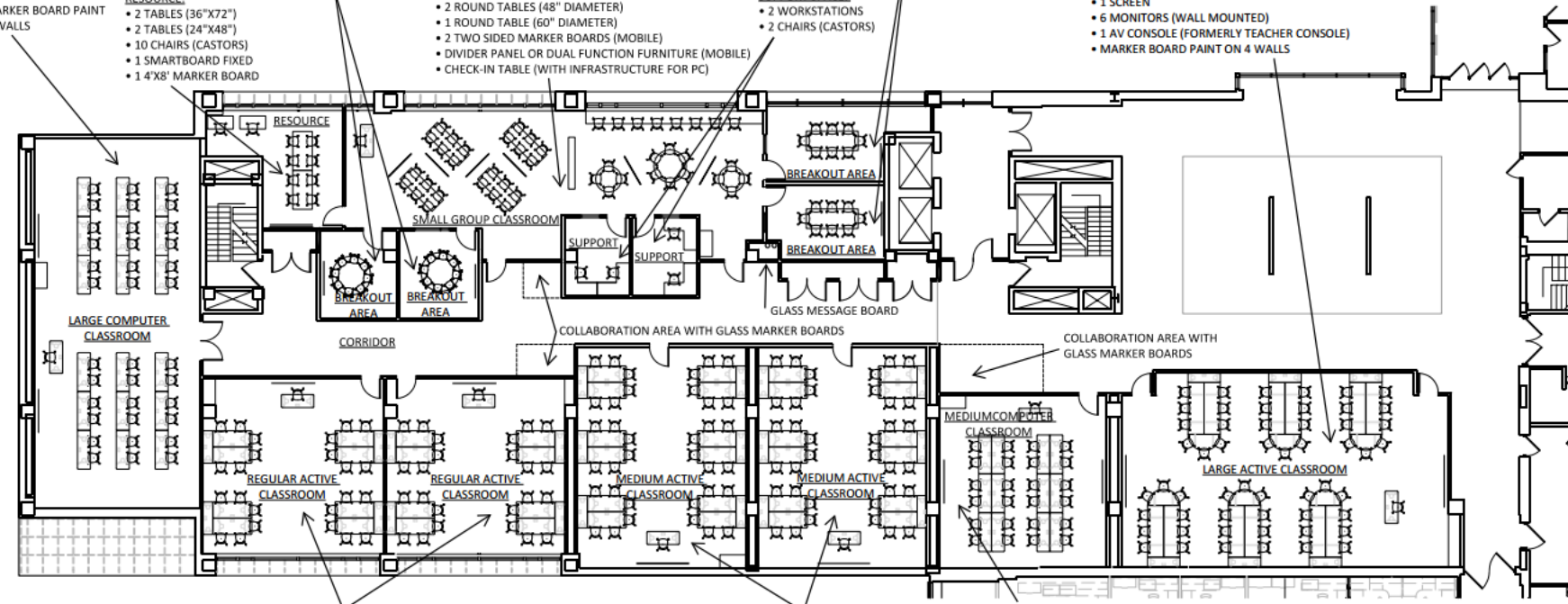
- 1 RECTANGULAR TABLES (36"x84")
- 8 CHAIRS (CASTORS)
- MARKER BOARD PAINT ON 2 WALLS
- INFRASTRUCTURE FOR FUTURE MONITORS (FIXED)

SUPPORT SPACE:

- 2 WORKSTATIONS
- 2 CHAIRS (CASTORS)

LARGE ACTIVE CLASSROOM

- 1 INSTRUCTOR TABLE, 24"x60", WITH CHAIR (CASTORS)
- 6 ACTIVE LEARNING TABLES, GROUPED
- 2 RECTANGULAR, 30"x96"
- 1 HALF ROUND, 60" DIAMETER
- 1 RECTANGULAR, 18"x60"
- 54 CHAIRS (CASTORS)
- 1 PROJECTOR
- 1 PROJECTOR LIFT
- 1 SCREEN
- 6 MONITORS (WALL MOUNTED)
- 1 AV CONSOLE (FORMERLY TEACHER CONSOLE)
- MARKER BOARD PAINT ON 4 WALLS



REGULAR ACTIVE CLASSROOM: 24 CAPACITY

- 1 INSTRUCTOR TABLE, 24"x60", WITH CHAIR (CASTORS)
- 4 ACTIVE LEARNING TABLES, GROUPED
- 2 RECTANGULAR, 30"x72"
- 1 RECTANGULAR, 18"x30"
- 24 CHAIRS (CASTORS)
- 1 PROJECTOR
- 1 PROJECTOR LIFT
- 1 SCREEN
- 4 MONITORS (WALL MOUNTED)
- 1 AV CONSOLE (FORMERLY TEACHER CONSOLE)
- MARKER BOARD PAINT ON 3 WALLS

MEDIUM ACTIVE CLASSROOM: 36 CAPACITY

- 1 INSTRUCTOR TABLE, 24"x60", WITH CHAIR (CASTORS)
- 6 ACTIVE LEARNING TABLES, GROUPED
- 2 RECTANGULAR, 30"x72"
- 1 RECTANGULAR, 18"x30"
- 36 CHAIRS (CASTORS)
- 1 PROJECTOR
- 1 PROJECTOR LIFT
- 1 SCREEN
- 6 MONITORS (WALL MOUNTED)
- 1 AV CONSOLE (FORMERLY TEACHER CONSOLE)
- MARKER BOARD PAINT ON 4 WALLS

MEDIUM COMPUTER CLASSROOM: 24 CAPACITY

- 1 INSTRUCTOR TABLE, 24"x60" WITH CHAIR (CASTORS)
- 12 TABLES, 24"x72" (CASTORS & POWER)
- 24 CHAIRS (CASTORS)
- 1 PROJECTOR
- 1 PROJECTOR LIFT
- 1 SCREEN
- 1 AV CONSOLE (FORMERLY TEACHER CONSOLE)
- 6 4'X6' MARKER BOARDS OR MARKER BOARD PAINT ON 4 WALLS
- INFRASTRUCTURE FOR FUTURE INSTALLATION OF 1 ADDITIONAL PROJECTOR, SCREEN AND LIFT

12C2U UWM ACTIVE LEARNING CENTER

DIFFERENCES BETWEEN MEDIATED AND ACTIVE LEARNING CLASSROOMS

- Active Learning Project
- Furniture Layout
 - Large
 - Medium
- WisCEL Information

