A **Level 1 (TEC1)** classroom provides a data jack in the front of the classroom so faculty may bring a laptop or "smart cart" to class and access our network resources. Most faculty will use this to connect to the Internet and also retrieve documents and digital presentations from either a local or a network drive. Every classroom at the College is a Level 1 classroom. Faculty may reserve a laptop computer attached to digital projector (a "smart cart") through MultiMedia Services (MMS) to get the most effective use of a Level 1 classroom.

A **Level 2 (TEC2)** classroom provides an electronic wall plate which can connect to a ceiling-mounted digital projector. This allows a faculty member to project any image to enhance their presentation. A VCR or DVD player, laptop computer (either reserved through MMS or a personal unit) may be used. The laptop computer may also be connected to the data port for Internet connectivity and network resources. Current TEC2 classrooms are:

C1: 14, 15, 16, and 17
C2: 6, 8, 10, 11, 12, 13 (no projector), and 18
NW: 202

A **Level 3 (TEC3)** classroom provides an electronic podium equipped with a VCR, DVD/CD player, document camera (*), Windows® computer with flat panel display, and audio amplification system connected to a ceiling-mounted digital projector and wall-mounted stereo speakers all controlled through an easy to use control panel. These rooms allow faculty to completely integrate any number of multimedia elements into their classroom presentations without reserving any external equipment from MMS. Laptop computers may also be connected (using the cable stored in the podium) to the system through the power and data connections provided on top of the podium. Podiums without installed document cameras have connections for easily attaching portable cameras.

Current TEC3 classrooms on Main campus are:

B1: 11 (Digital Imaging)
BR: 45, 50*
C3: 09*, 11*, 13*, 19*, and 29*
M3: 06 and 22*
S2: 07, 09, 10, 11, 12A, 12B, 12C, and 12D
S3: 07, 08, 14A, and14B
W1: 16 (CLT)
W2: 13, 42, 47, and 48
W3: 02, 03*, and 56
W4: 51

[**SMART** interactive white boards (which feature all of the functions of a TEC3 room) are available in B1-08; BR-22; BR72; M3-07; and W2-30.]

TEC3 classrooms are also found at the Regional Centers including:

NE: 238, 239, 243, 244, 246, 248, 249, 253, 254, 258, 259, 330, 334, 335, 338, 341, and 346

NW: 215
WERC: 134

TEC3 conference rooms include C2-5*; C2-28*; C3-5*; and S2-3*. (M2-32C* is also a TEC3 classroom used primarily by Art History.)

A **Level 4 (TEC4)** classroom provides each student with a computer workstation and in-room printing along with an instructor's PC station. A variety of software titles are available to support instruction with purchase and installation directed by Academic Computing in concert with the various academic departments. Screen sharing software (NetSupport School) with multiple features including the ability for students to view the instructor's PC in real time is installed in some of rooms (**) Rooms marked with (*) have a projector to display the instructor's PC instead of software.) This offers the instructor the same faculty/student interaction as the podium but without the additional video/audio options. Current TEC4 classrooms are:

B2: 2, 5, 8**, 9, 12, 19, 23**, 29, and 43*
C3: 15*
M2: 25* and 31*
NERC: 212, 302**, and 304**
NWRC:112, 113**, 140**, and 142**

A **Level 5 (TEC5)** classroom provides either the full podium described above (TEC3) or equipment to provide that functionality, along with individual student computer workstations and in-room printing. Current TEC5 classrooms are:

B1: 15 (Digital Imaging)
B2: 30, 37
BR: 71(Interpreter Ed/ASL lab)
C2: 14, 15, 16, 17, and 19
C3: 8, 10, 12, 14, 18, and 20
M2-14 (Music Tech)
W2: 02, 03, 04 (ADC suite)
NE: 305, 306
NW: 114
WERC: 143, 144

Technology Classroom Standards:

We just discussed the possibility that we work towards publishing technology standards for any classroom. I envision this incorporating item such as:

- sq ft per person - computer room vs. lecture room (already exists?)
- lighting placement and control near
- communication devices (telephone, etc.) with location near presenter's area
- number and placement of electrical outlets to support future BYOD
- clock installation – type, location
- lighting: lenses to prevent glare- e.g., hyperbolic fixture, egg crate lens
- Furniture spec: wheeled? Folding? Stackable? writing surfaces- how many? what type?
- chair requirements-- standard classroom vs technology classrooms: adjustable height, wheeled, wheel type (soft vs. hard to match flooring type), chair base (spec from Safety Committee)
- placement of teacher station opposite the entrance door so that students can enter and leave without disrupting the teaching - late arrivals, rest room, etc.
- technology to be installed in all classrooms- SMART board? projector? audio?
    - Options for above available based on room size and intended uses
- Software available to capture annotations for electronic distribution
- Lecture capture – audio/video for on-demand viewing, searchable
- guest laptop connections: network, power, projection, audio
- furniture spec for technology desks stating wire management needs
- power spec for technology classrooms stating number of dedicated circuits needed for a certain number of PCs; how many for printers?
- Podium: mobility; internal storage; power distribution; A/V controls; keyboard/mouse shelf; height; materials; color; security; monitor space (shelf/arm)
- Wire management- instructor station: umbilical length; covered; R/L entrance to podium
- Wire management- student desk: channels, isolation, grommets through desktop
- 2 or 3 possible furniture layouts to choose from