

# Minimum Classroom Computing Standards

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## 1. Background

The Research and Educational Technology Committee (R&E) tasked the Classroom Technology Committee to develop a set of classroom technology standards.

## 2. Purpose

The following document outlines the standards that have been identified and endorsed by R&E.

## 3. Scope

The R&E Committee recognizes that as part of this process, not all classrooms are created equal and not all will require the same management. Substantial leeway in standards may need to be given to special purpose classrooms managed by academic units. The types of classrooms defined by the Committee include:

1. General Purpose classrooms that are managed by multiple units
2. General purpose style classrooms managed by individual units
3. Special purpose instruction spaces managed by the individual units

Those have been further defined as having the following characteristics:

- Auditorium style classroom with sloped or stepped floor, fixed seats, accommodate 100 – 500 people
- Standard classroom with flat floor, encompassing a variety of sizes
- Seminar classroom, a table with seating for ~20 people

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Document Version: Approved

### 4. Requirements

Using these definitions the R&E Committee endorses that centrally managed and general purpose classrooms OTHER THAN SEMINAR CLASSROOMS will have the following minimum levels of technology available:

Projection System	Minimum resolution of 1024 x 768 and with a VGA connection for laptop projection.
A/V Sound System	A sound playback system should be provided for all A/V sources. Additionally, a presenter reinforcement system may be required (see below).
Document Camera	A document camera should be present
Computer	A computer with both PC and Mac operating systems should be available (Mac minis are typically used)
Network Availability	All students should be able to obtain an IP address. This is an aspirational goal.
Amplification Sound System	A public address system should be available as appropriate to the room size if needed for presenter intelligibility.
Control System	A control system should be provided. Crestron is the prevalent system in use
Lecture Capture	This is an aspirational goal
Video Conference	This is an aspirational goal

While issues related to lighting and acoustics are important to the overall teaching and learning experience, they fall out of the scope of minimum technology standards. The committee recommends increased conversation and dialogue with the *Campus Planning & Facilities Management team in University Operations in order to support the construction of classrooms that best support a physical environment for teaching and learning.*

### 5. Revision History

Version	Date	New	Original
<b>Minimum Classroom Computing Standards</b>	3/8/2011	Published as PDF. Original document organized into Background, Purpose, Scope, and Requirements.	N/A

## 6. Approvals

Name	Role	Members	Date
<b>Research and Educational Technology Committee</b>	Approval		January 20, 2011
<b>Operational Information Technology Committee</b>	Approval		January 26, 2011