Western Michigan University



Engineering Division Facilities Management Department

Campus Thermal Comfort Standard

Space	Heating⁵	Cooling⁵
Occupied ¹	71°F (corridors 69°F)	75°F (corridors 77°F)
Stand-by ²	69°F (corridors 67°F)	77°F (corridors 79°F)
Unoccupied ³	60°F	85°F
Extended Closure ⁴	55°F	85°F

¹Occupied heating/cooling set points are used in spaces that are occupied, or scheduled to be occupied. The current occupied heating/cooling set points are 71°F and 75°F respectively.

²Standby heating/cooling set points are used in spaces that have occupancy sensors for the HVAC system, but are currently unoccupied during normal business hours. The current standby heating/cooling set points are 69°F and 77°F respectively. A person walking into one of these spaces would cause the HVAC system to switch to the occupied set points (lights would also come on).

³Unoccupied heating/cooling set points are used after regular business hours, and are designed to allow a much wider temperature range. The current unoccupied heating/cooling set points are 60°F and 85°F respectively.

⁴During the extended winter closure, unoccupied heating set points are lowered to 55°F.

⁵Many of our buildings use advanced variable airflow technology to further reduce energy costs. In these buildings, the temperature in occupied spaces is allowed to freely "float" between the occupied heating/cooling set points. This may create situations where not all of the spaces within a given building are at equal temperatures, but all occupied spaces will be between 71°F and 75°F.

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