

Directions and Rules for Motion Capture System

Setting up Motion Capture Studio:

1. Get Motion Capture computer cart key and OptiTrack USB Hardware Key from Michael Toomey in room 004.
2. Directions for setting up and calibrating the Motion Capture Studio space are located on the desktop of the Motion Capture computer in a Microsoft OneNote file, titled “**Motion Capture Setup.**”
 - a. Calibration Wand is located in Motion Capture computer cart.
 - b. Calibration Wand markers are in drawer of Motion Capture computer cart.
 - c. Ground plane calibration square is located in Motion Capture computer cart.
3. Motion Capture suits are hanging above camera equipment in room 004.
4. Marker sets are located in drawer of Motion Capture computer cart.
5. Boots, hats, and waist Velcro strips are located in black and yellow “OptiTrack” bin located in room 004.

Using Motion Capture with Motion Builder and Daz3D:

1. Motion Builder and Daz3D directions are located on the desktop of the Motion Capture computer in a Microsoft Word file, titled “**DazToMotionBuilder_v2.**”

Cleaning up Motion Capture Studio:

1. All markers must be replaced into their labeled plastic bags located in the drawer of the motion capture computer cart. Be sure to put the right amount of markers in each bag. Marker counts are labeled on each plastic bag.
2. Suits must be hung on hangers above video equipment shelves in room 004.
3. Calibration Wand and L-Square must be locked in Motion Capture computer cart.
4. Lock door on Motion Capture Computer Cart and return key and OptiTrack USB Hardware Key to room 004.
5. Sweep floor using brooms located on rolled flooring cart.