Wheelchair Fitting Guide

1. **Seat Width**
   While in a seated position, measure straight across the backside, hip to hip at the widest points to get the required seat width. Normally we suggest adding 2 fingertips to each side for "wiggle room".

2. **Seat Depth**
   While in a seated position, measure from where the end-user's backside backs up against the chair, go straight down the length of their leg/thigh, but stop 2" before the back of the knee bend.

3. **Back Height**
   Measure from the top of the seat they are sitting in, and determine where the end user would like the top of the backrest to be. Average is 16", start there and move your fingers up and down as needed to get to the desired height - must be whole inch increments.

4. **Front Seat to Floor**
   Measure the leg from the back of the knee to the sole of the foot. Then subtract the thickness of the cushion when it is compressed. Next, add a minimum of two inches for footrest clearance. Do not add the footrest clearance if the wheelchair will be foot-propelled.

5. **Hanger Angle**
   Determines how far the toes extend away from the body, measured from the horizontal. A tighter angle allows the wheelchair to turn around in less space. Depends in part on ability of the knee to bend towards the perpendicular.

6. **Camber**
   Angle of the wheel relative to the vertical. More camber improves stability and agility, but also limits ability to pass through narrow spaces. A typical daily wheelchair uses three degrees of camber.

7. **Footrest Length**
   Measure from the edge of the seat upholstery to the top rear of the footrest.

8. **Footrest Width**
   Measure from the inside of each legrest tubing the distance or desired distance between legrests.

9. **Center of Gravity**
   Measure from the front of the seat back post to the center of the rear axel.

10. **Rear Seat to Floor**
    Measurement from the ground to the rear seat edge. Relative to the front seat-to-floor dimension, this determines the rearward slope ("dump" or "squeeze") of the wheelchair seat.

11. **Backrest Angle**
    Measure the angle of the back post to the floor. Ninety degrees will be perpendicular to the floor, to approximate the angle from the back post to the seat, subtract two degrees from measurement for every .5" of dump.