


Fundamentals of CAD/CAM Technology for Orthotics and Prosthetics

Module Three: Tutorial Video Library—OMEGA® 2013 Software

TRACK A FOOT ORTHOSIS (FO)	TRACK B TRANSTIBIAL (TT/BK)	TRACK C TRANSFEMORAL (TF/AK)	TRACK D ANKLE FOOT ORTHOSIS (AFO)	TRACK E THORACOLUM- BOSACRAL ORTHOSIS (TLSO)
<p>OVERVIEW</p> <p><u>CAPTURE TAB</u> Length: 8:09</p> <p><u>DESIGN TAB</u> Length: 11:57</p>	<p>OVERVIEW</p> <p><u>BK SCANNING DEMO</u> Length: 11:11</p> <p><u>CAPTURE TAB</u> Length: 10:31</p> <p><u>DESIGN TAB</u> Length: 25:29</p>	<p>OVERVIEW</p> <p><u>CAPTURE TAB</u> Length: 7:56</p> <p><u>DESIGN TAB</u> Length: 14:35</p>	<p>OVERVIEW</p> <p><u>AFO SCANNING DEMO</u> Length: 11:31</p> <p><u>CAPTURE TAB</u> Length: 9:39</p> <p><u>DESIGN TAB</u> Length: 21:39</p>	<p>OVERVIEW</p> <p><u>TLSO SCANNING DEMO</u> Length: 10:21</p> <p><u>CAPTURE TAB</u> Length: 16:44</p> <p><u>DESIGN TAB</u> Length: 18:09</p>
<p>WIZARD/STACK</p> <p><u>SUPINATION / PRONATION TOOL</u> Length: 2:44</p> <p><u>REMOVE MATERIAL TOOL</u> Length: 3:07</p> <p><u>ADDING MATERIAL TOOL (Build-Ups)</u> Length: 2:20</p> <p><u>RAISE / LOWER TOES TOOL</u> Length: 1:03</p> <p><u>TOE BOX TOOL</u> Length: 4:05</p> <p><u>REMOVE MATERIAL TOOL TV ARCH</u> Length: 1:22</p> <p><u>CUT PLANTAR SURFACE TOOL</u> Length: 2:39</p>	<p>WIZARD/STACK</p> <p><u>PTB-PATELLA TENDON BAR-INTEROSSEOUS MODIFICATION TOOL</u> Length: 4:37</p> <p><u>CUTTING PLANE TOOL</u> Length: 1:14</p> <p><u>NARROW M-L TOOL</u> Length: 2:18</p> <p><u>REMOVE MATERIAL TOOL</u> Length: 1:13</p> <p><u>CALIPER TOOL TRANSTIBIAL</u> Length: 2:33</p> <p><u>SHELF TOOL</u> Length: 2:42</p> <p><u>CUTTING PLANE SHELF TOOL</u> Length: 1:24</p> <p><u>REMOVE MATERIAL TOOL SOFT TISSUE</u> Length: 2:56</p> <p><u>ADDING MATERIAL TOOL (Build-Ups)</u> Length: 2:20</p> <p><u>TRIM-LINE TOOL</u> Length: 3:56</p>	<p>WIZARD/STACK</p> <p><u>ADJUST MEDIAL LATERAL (M-L) TOOL TF SOCKETS</u> Length: 4:12</p> <p><u>CALIPER TOOL TF SOCKETS BY THE NUMBERS</u> Length: 4:00</p> <p><u>CHANGE LENGTH TOOL TF SOCKETS BY THE NUMBERS</u> Length: 4:59</p> <p><u>ADJUST CIRCUMFERENCES TOOL TF SOCKETS</u> Length: 4:42</p> <p><u>REMOVE MATERIAL TOOL TF SOCKETS BY THE NUMBERS</u> Length: 10:46</p>	<p>WIZARD/STACK</p> <p><u>PLANTARFLEXION / DORSIFLEXION TOOL</u> Length: 3:19</p> <p><u>PRONATION / SUPINATION TOOL</u> Length: 1:37</p> <p><u>REMOVE MATERIAL TOOL FOOT PLATE</u> Length: 2:46</p> <p><u>ADD MATERIAL TOOL (Build-Ups)</u> Length: 4:42</p> <p><u>RAISE / LOWER TOES TOOL</u> Length: 0:49</p> <p><u>TOE BOX TOOL</u> Length: 4:37</p> <p><u>CUT PLANTAR SURFACE TOOL</u> Length: 2:40</p> <p><u>ANTERIOR OPENING TOOL</u> Length: 1:03</p> <p><u>DORSAL OPENING TOOL</u> Length: 1:02</p> <p><u>REMOVE MATERIAL TOOL GLOBAL REDUCTION</u> Length: 4:38</p>	

This workforce product was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. Produced 2016.

HOPE Careers Consortium is a partnership of five institutions of higher education that is building exciting new programs that will provide valuable career education and training in the Orthotics, Prosthetics, and Pedorthics (O&P) sector. The five institutions are: Baker College—Flint, Michigan; Century College—White Bear Lake, Minnesota; Oklahoma State University Institute of Technology—Okmulgee, Oklahoma; Spokane Falls Community College—Spokane, Washington; and St. Petersburg College—St. Petersburg, Florida.

Although the authoring institution of this educational resource has made every effort to ensure that the information presented is correct, the institution assumes no liability to any party for any loss, damage, or disruption caused by errors or omissions.

This work by Oklahoma State University Institute of Technology (OSUIT) is licensed under the Creative Commons Attribution 4.0 International License. To view a copy of this license, click on the following link: [Creative Commons Licenses 4.0.](#)



OMEGA is a registered trademark of The Ohio Willow Wood Company (www.willowwoodco.com).

OSUIT has no commercial affiliation with The Ohio Willow Wood Company.