

Spokane Falls Community College
COURSE LEARNING OUTCOMES

Prefix and Course Number:	OR-PR 156
Course Title:	Lower Extremity Orthotics 1--Ankle-Foot Orthoses (AFOs)
Version Date	10/20/19

Course Learning Outcomes

Upon successful completion of the course, the student will be able to:

1. Describe the design and rationale of various AFOs, including metal and leather, rigid thermoplastic, and articulated thermoplastic variants
2. Illustrate principles of biomechanics and kinesiology as they relate to the design and function of lower extremity orthoses
3. Identify materials and componentry used in the fabrication of AFOs
4. Demonstrate knowledge and skill to prepare a delineation generated for the fabrication of metal and leather AFOs
5. Employ knowledge and skills to prepare positive models for thermoplastic AFOs including Category I & II modifications and sagittal plane angular corrections
6. Apply knowledge and skills to fabricate:
 - a. Metal and leather AFOs incorporating tibial torsion
 - b. Auxiliary control components for AFOs
 - c. Rigid thermoplastic AFOs
 - d. Articulated thermoplastic AFOs