

**ORTHOTIC FABRICATION: PRINCIPLES AND
TECHNIQUES
Course Schedule**

Day One

9:00-9:30	Splint Types
9:30-9:55	SCS Classification
9:55-10:10	Break
10:10-10:30	Splint Materials Selection
10:30-11:30	Finger Based Splints Prefabricated Custom
11:30-12:00	Finger Based Splint Demonstration Lab
12:00-1:00	Lunch on your own
1:00-1:45	Biomechanics of Splinting Custom splint fabrication principles
1:45-2:15	Hand based static splints - lecture Prefabricated Custom
2:20-2:30	Break
2:30-3:15 lab	Static hand based splints – Demonstration
3:15-4:15	Therapists responsibilities Patient considerations Evaluating and problem solving
4:15-5:00	Forearm static splints - lecture Prefabricated Custom Splints

Intro to Orthotics course schedule continued:

DAY TWO

9:00-9:45	Static forearm splints - lab
10:00 - 11:15	Dynamic/Static Progressive Splinting Biomechanics Evaluation and problem solving Outriggers Cuffs Tension sources Anchors and line Wearing schedules
11:15- 12:00	Dynamic hand based splints - lecture Prefabricated Custom
12:00-1:00	Lunch on your own
1:00-1:55	Dynamic hand based Demonstration lab
1:55-2:10	Break
2:10-3:00	Dynamic forearms splints - lecture Prefabricated Custom Elbow Splinting
3:00-4:00	Dynamic forearm splints demonstration lab
4;00-5:00	Wrap up, questions, exam