

ORTH 108C : Casting and Splinting I

This area is an integral part of the practice of an orthopaedic technologist. Topics to be covered will include the types, application, functions, and materials of the various casts and splints, as well as basic terminology related to the subject. Students will acquire a working knowledge of anatomy specifically relating to casting and splinting, the proper use of external aide devices commonly associated with casting and splinting – such as crutches, canes and walkers – and transfer of patients from wheelchairs and beds. Attention will be given to the removal of casts and splints, as well as the skills associated with providing patient instructions. Students enrolled in this course will be charged a \$750 specialty supplies fee.

Credits 5

Lab/Practicum/Clinical Hours 6

Lecture Hours 2

Learning Outcomes

- Apply, adjust, and remove upper and lower extremity casts, splints, and DME.
- Remove sutures, staples, Steinman pins, and K-wires.
- Instruct patient in proper cast care.
- Identify proper treatment of different fractures.
- Understand bone morphology, bone classifications, and functions.