

Technical Standards:

Admission into the Orthotics and Prosthetics program at International Institute of Orthotics and Prosthetics is determined, in part, by a student's ability to demonstrate competency in Technical Standards, as defined by the National Commission on Orthotic and Prosthetic Education (NCOPE). The Technical Standards represent nonacademic requirements necessary for a student to be able to satisfactorily participate in the program, and include a wide array of abilities, including cognitive, interpersonal, and physical. Mastery of these skills is demonstrated through pre-admissions preceptor evaluations, personal interviews, and prior experience.

Students should be aware that their proficiencies in each of the following Technical Standards areas are of equal importance to their mastery of the academic content acquired through the coursework. Students' mastery of Technical Standards is continuously assessed throughout the program. If gaps in performance exist, a student may be placed on an improvement plan to ensure progression and success in the program.

Cognition

- The student demonstrates the ability to comprehend, memorize, analyze, and synthesize basic science and clinical material in a timely manner.

I. Conduct

- The student demonstrates respect for self and others and has personal integrity.
- The student is able to remain emotionally stable and intellectually engaged in stressful situations and in an ever-changing environment.

II. Communication

- The student communicates accurately and efficiently in English with patients, their families, peers, faculty, and staff.

III. Physical Skills

- The student demonstrates sufficient visual acuity, tactile sensation, motor control, and muscular strength to perceive the signs and symptoms of disease.
- The student demonstrates sufficient visual acuity, tactile sensation, motor control, and muscular strength to safely transfer and move patients in a clinical setting.
- The student demonstrates sufficient visual acuity, tactile sensation, motor control, and muscular strength to safely use chemicals, operate power tools and equipment, maneuver bulky positive-models and materials, and clean-up after themselves.
- The student demonstrates the physical capacity to work in a prosthetic laboratory for 4 to 6 hours and can lift 50 lbs. unassisted.

Essential Functions:

In addition to mastery of course material, program goals, and laboratory/clinical expectations, students are required to demonstrate competency in each of the Essential Functions areas, as defined by the National Commission of Orthotic and Prosthetic Education (NCOPE). The Essential Functions represent the minimum competencies required for satisfactory completion of the program, and cover similar areas included in the Technical Standards.

Students' mastery of Essential Functions is continuously assessed throughout the program. If gaps in performance exist, a student may be placed on an improvement plan to ensure progression and success in the program.

I. Cognition

- The student demonstrates the ability to perform a comprehensive patient assessment, collect the results, and record the information appropriately in the medical record.
- The student demonstrates the ability to analyze the evidence from the patient assessment and develop a comprehensive treatment plan.

- The student demonstrates the ability to direct the implementation of treatment plans including material and component selection, image capture, preparatory treatment, and patient education.
- The student demonstrates the ability to develop and direct follow-up treatment plans, including adjustment strategies, schedules, and patient education.
- The student demonstrates the ability to contribute to the economic viability of an orthotic and prosthetic clinical practice.
- The student promotes the profession and actively participates in continuing education.

II. Conduct

- The student demonstrates satisfactory professional conduct, including compassion, sympathy, empathy, altruism, honesty, integrity, responsibility, and tolerance necessary to provide appropriate patient centered care.
- The student conducts continuous self-assessment and recognizes the importance of personal growth through participation in professional organizations and continuing education.

III. Communication

- The student demonstrates satisfactory communication skills, including written, verbal, and non-verbal communication, and the active listening techniques necessary to provide appropriate patient centered care.

IV. Physical Skills

- The student demonstrates the ability to assess the patient, including patient handling; range-of-motion, manual muscle, sensation, proprioception, and gait testing.
- The student demonstrates the ability to implement a treatment plan, including: capturing patient images using negative impression techniques with plaster and synthetic casting materials; CAD/CAM scanning; preparing paper schematics and plaster models; vacuum forming thermoplastics; laminating thermo-sets; contouring metals; assembling components; shaping and smoothing trim lines; fitting and adjusting orthotic and prosthetic devices.
- The student demonstrates the ability to implement follow-up care, including re-assessing patients and adjusting and repairing orthotic and prosthetic devices.

By signing below, I attest to fully reading and understanding the Essential Functions, and that I have all the capabilities described above.

Applicants Printed Name

Applicants Signature

Date Signed