

Detailed examples of expectations for each ability category are provided as follows. The listed examples are not intended as a complete list of expectations, but only as samples demonstrating the associated standard categories.

Category	Standard	Example
Observation	<p>Sufficient uncorrected or corrected visual acuity and color perception to:</p> <p>A. Resolve objects macroscopically as small as 0.2 mm;</p> <p>B. Observe motion and to observe and evaluate the human gait at 20 feet;</p> <p>C. See an object from a background of other objects;</p> <p>D. See the difference in objects</p>	<ol style="list-style-type: none"> 1. Locate and identify dissected nerves 2. Evaluate posture, locomotion and movement in a clinical setting 3. Identify landmarks on tympanic membranes 4. Identify materials correctly to be used in laboratories 5. Locate, identify and describe foreign bodies, blood vessels, sutures, and skin lesions 6. Observe audiovisual materials on projection or overhead screens during lectures 7. Read printed and electronic materials on handouts and tests 8. Locate sections on a slide 9. Identify microphotographic images projected on a screen 10. View a classroom visual aid, including motion pictures, at 20 feet 11. Observe and evaluate the human gait at 20 feet 12. Discriminate body height and depth differences of 2 mm and identify anatomic landmarks for symmetry and postural differences visually 13. Differentiate small bacterial colonies from artifacts on agar plates 14. Appreciate fine structures in pathology and other images presented in class and in the textbook
	<p>Sufficient uncorrected or corrected visual acuity and color perception to resolve and differentiate objects microscopically</p>	<ol style="list-style-type: none"> 1. Recognize stained bacteria microscopically 2. Observe, manipulate and accurately identify microbiologic cultures 3. Identify normal and pathologic cells and tissues

Category	Standard	Example
Communication	Possess fluent formal and colloquial oral English skills	<ol style="list-style-type: none"> 1. Demonstrate understanding of the course material to a professor or attending physician 2. Understand oral lectures, ask questions, and understand answers 3. Explain medical conditions to patients, attending physicians and fellow students 4. Explain procedures, and discuss test results and treatment options with patients, attending physicians and fellow students 5. Direct and coordinate activities of nurses, students, assistants, specialists, therapists and other members of the health care team as approved and directed by the attending physician 6. Understand and apply laboratory safety 7. Instruct others during emergency situations such as advanced cardiac life support
	<p>Capable of legible handwriting and electronic documentation in English</p> <p>Capable of reading English effectively</p> <p>Able to perceive and convey sentiments non-verbally and effectively with patients and all members health care team</p>	<ol style="list-style-type: none"> 1. Complete typed and hand-written medical documentation 2. Participate in small group discussions with laboratory partners 3. Prepare classroom reports 4. Prepare accurate and legible documentation of patient history, physical exam, assessment and treatment plan 5. Recognize, understand, and respond appropriately to spoken or non-verbal communication of distress or discomfort 6. Understand typed and hand-written lecture and laboratory handouts and electronic communications

Category	Standard	Example
<p>Motor, Strength and Mobility</p>	<p>Possess equilibrium and coordination of gross and fine muscular movements</p>	<ol style="list-style-type: none"> 1. Possess sufficient strength and mobility to provide general care and emergency treatment to patients including osteopathic manipulative treatment, CPR, the application of pressure to stop bleeding, the opening of obstructed airways, and the performance of simple obstetrical maneuvers 2. Coordinate fine movement of fingertips, palms, and wrists, such as needed in physical examination, administration of intramuscular medication, performing venous and arterial blood draws, and the suturing of simple wounds 3. Coordinate fine movement of fingertips, palms, and wrists, while standing with limited opportunity for gross movement, as necessary for medical procedures such as performance of obstetrical delivery and assistance of surgical procedures 4. Use a computer keyboard and mouse to navigate electronic data and communicate electronically 5. Type and manipulate writing instruments to write legibly to complete patient documentation and writing prescriptions
	<p>Possess sufficient visuomotor coordination permitting delicate manipulations of specimens, instruments, and equipment</p>	<ol style="list-style-type: none"> 1. Participate in laboratory exercises using microscopes, microbiological cultures and dissection instruments 2. Dissect arteries, vessels and nerves of the brachial plexus 3. Manipulate laboratory materials including reagents and pipettes 4. Suture simple wounds 5. Obtain culture specimens including cerebrospinal fluid as part of a lumbar puncture procedure 6. Perform joint injections

Category	Standard	Example
<p>Motor, Strength and Mobility</p>	<p>Upright posture, endurance, strength, flexibility, stability and mobility adequate to safely guide, enhance and resist movement of another person to perform physical exams and treatment</p>	<ol style="list-style-type: none"> 1. Maintain equilibrium and control movement of self and of a patient in and changing between sitting, standing, prone, lateral recumbent and supine positions while performing physical examination and osteopathic manipulative treatment 2. Assist patients transferring between wheelchair and exam table, and hospital bed and chair
	<p>Sufficient equilibrium, upright posture, mobility and endurance to attend and participate in lectures, examinations, laboratory exercises, and patient contact for extended periods of time</p>	<ol style="list-style-type: none"> 1. Tolerate the sitting position long enough to hear a lecture, typically 50 minutes 2. Tolerate the sitting position long enough to take a written examination, 8 hours with minimal breaks 3. Visit patients in clinic and hospital settings including Emergency Room and inpatient rounds 4. Participate in laboratory exercises lasting as long as 3 hours, requiring frequent movement around the room 5. Attend mandatory classroom events for as long as 3 hours moving, sitting or standing within the room as necessary to participate in problem-based learning groups 6. Stand, with limited opportunity for gross movement, for a minimum of 3 hours at a time, as necessary for medical procedures such as performance of obstetrical delivery and assistance of surgical procedures

Category	Standard	Example
Sensory	Possess accurate sense of touch and temperature discrimination	<ol style="list-style-type: none"> 1. Palpate for somatic dysfunction within the musculoskeletal system 2. Perform history and physical examination procedures specific to an individual 3. Perform a bimanual pelvic exam and palpate for ovarian disease 4. Participate in laboratory exercises accurately using and adjusting microscopes, glass slides, inoculating loops, pipettes, microbiological cultures and reagents 5. Palpate distances in depth, elevation and width of body structures within 2 mm of difference 6. Palpate for blood vessels and perform intravenous insertion and venipuncture on both basic and difficult models and patients 7. Palpate skin and tissue texture differences, including temperature variation and hydration states, and muscle tension differences
	Functional use of hearing	<ol style="list-style-type: none"> 1. Discern the sounds of patient conditions accurately using a stethoscope 2. Understand live classroom and laboratory presentations and demonstrations with minimal instruction 3. Understand a speaker in a darkened room
	Functional use of vision	<ol style="list-style-type: none"> 1. Visually recognize structures and patient conditions accurately 2. Interpret laboratory and classroom presentations and demonstrations accurately with minimal instruction

Category	Standard	Example
Intellectual, Conceptual, Integrative and Quantitative	To receive, decode, interpret, recall, reproduce, and apply information in the cognitive, psychomotor, and affective domains of learning to perceive relationships, solve problems, evaluate work, gauge progress and demonstrate understanding of course material	<ol style="list-style-type: none"> 1. Perform evaluation of patient posture and movement including analysis of physiological, biomechanical, behavioral, and environmental factors in a timely manner, consistent with acceptable clinical norms 2. Comprehend oral and written presentations of material and communicate that understanding upon examination in a timely manner, occasionally demonstrating a grasp of the information within the same class period as presented
	Process multifunctional data and sensory input requiring cognitive recall and motor skills rapidly and initiate critical actions	<ol style="list-style-type: none"> 1. Successfully complete objective (true- false, multiple choice, matching, case study) bio-medical science exams designed to assess whether students can apply knowledge learned to new situations 2. Successfully perform problem-solving exercises in the laboratory including the identification of unknowns 3. Interact in group discussions and present and explain answers to questions 4. Evaluation of emergency situations including apnea, code management, bleeding and severe trauma, requiring rapid responses such as intubation and medication 5. Diagnose somatic dysfunction in all regions of the body
	<p>Apply knowledge, skills and values learned from course work and life experiences to new situations</p> <p>Visualize and recall three-dimensional relationships</p>	<ol style="list-style-type: none"> 1. Perform a history and physical examination, then develop an appropriate differential diagnosis, assessment, and treatment plan 2. Assess and evaluate cases presented in class and on examinations 3. Interpret laboratory and diagnostic imaging studies

Category	Standard	Example
Behavioral, Professional and Social	Function efficiently in the face of uncertainties inherent in the clinical problems of patients Demonstrate compassion, integrity and concern for others	<ol style="list-style-type: none"> 1. Recognize emergency situations and take appropriate actions 2. Study and train with, supervise and treat people with diverse values, ethnic, socioeconomic, and religious backgrounds, gender identity, and personal preferences
	Manage priorities successfully, including competing demands and multiple tasks under time constraints	<ol style="list-style-type: none"> 1. Complete exams and other time-sensitive assessments and requirements, including patient care, as scheduled 2. Attend mandatory classes, laboratory sessions and educational programs 3. Maintain passing grades and performance evaluations in extracurricular activities and obligations with academic endeavors 4. Promptly complete all class work and lab responsibilities 5. Promptly complete all responsibilities attendant to the diagnosis and care of patients
	Adapt successfully to changing environments	<ol style="list-style-type: none"> 1. Maintain attention, actively participate and meaningfully contribute to dialog and practical applications in the classroom, small group exercises, laboratory and patient care activities 2. Plan appropriately for various possible patient care outcomes 3. Endure emotional and physical demands of the medical profession, such as 12 hour shifts during Emergency Medicine clerkships
	Possess constructive, positive and mature interpersonal skills, interest and motivation	<ol style="list-style-type: none"> 1. Accept criticism and respond with appropriate modification of behavior 2. Timely and adequately respond to personal or academic struggles; seek assistance, practice planning and avoid procrastination

Category	Standard	Example
Behavioral, Professional and Social	<p>Possess the emotional health required for full use of intellectual abilities</p> <p>Exhibit appropriate behavior, judgment and ethical standards</p> <p>Develop mature and cooperative relationships with all members of the health care team including patients, peers, and faculty and staff members</p> <p>Demonstrate the compassion, integrity, and ability to work effectively with patients and colleagues</p>	<ol style="list-style-type: none"> 1. Active participation with and contribution to didactic and medical learning situations including laboratory team and problem-based learning exercises 2. Interact through appropriate electronic, telephone, written and oral communication with faculty, classmates and all members of the health care team 3. Project an image of professionalism, including appropriate personal hygiene, appearance, dress, and confidence 4. Work independently on all projects and examinations assessed individually 5. Maintain alertness and concentration during preceptor and patient encounters and during each class and laboratory activities up to 3 hours 6. Interact professionally, ethically and confidentially with patients 7. Observe instructor, peer, patient and health care team behavioral and environmental factors 8. Control temper and never perpetrate harassment
	<p>Touch and be touched, requiring exposure of skin overlying non-sexual body parts* for examination and application of treatment modalities, regardless of age, gender identity, nationality, religion, race or body size</p> <p>Recognize patient's unique boundaries, including touch and modesty, and respect these boundaries in osteopathic patient care</p>	<ol style="list-style-type: none"> 1. Permit for self and demonstrate on others physical examination, such as abdominal, cardiac, respiratory, neurologic, and musculoskeletal, examinations including palpation on skin for discernment of tissue texture changes, motion testing of spinal segments, and evaluation of head and extremity regions 2. Permit for self and demonstrate on others osteopathic manipulation, including cranial manipulation and high-velocity, low amplitude techniques 3. Permit for self and demonstrate on others ultrasound evaluation, such as abdominal and neck examinations 4. Demonstrate appropriate draping to maintain patient dignity and modesty during physical examination and procedures, such as osteopathic manipulative treatment and ultrasound, to the extent possible during training and clinical practice

*Sexual body parts are defined as anogenital region and breast