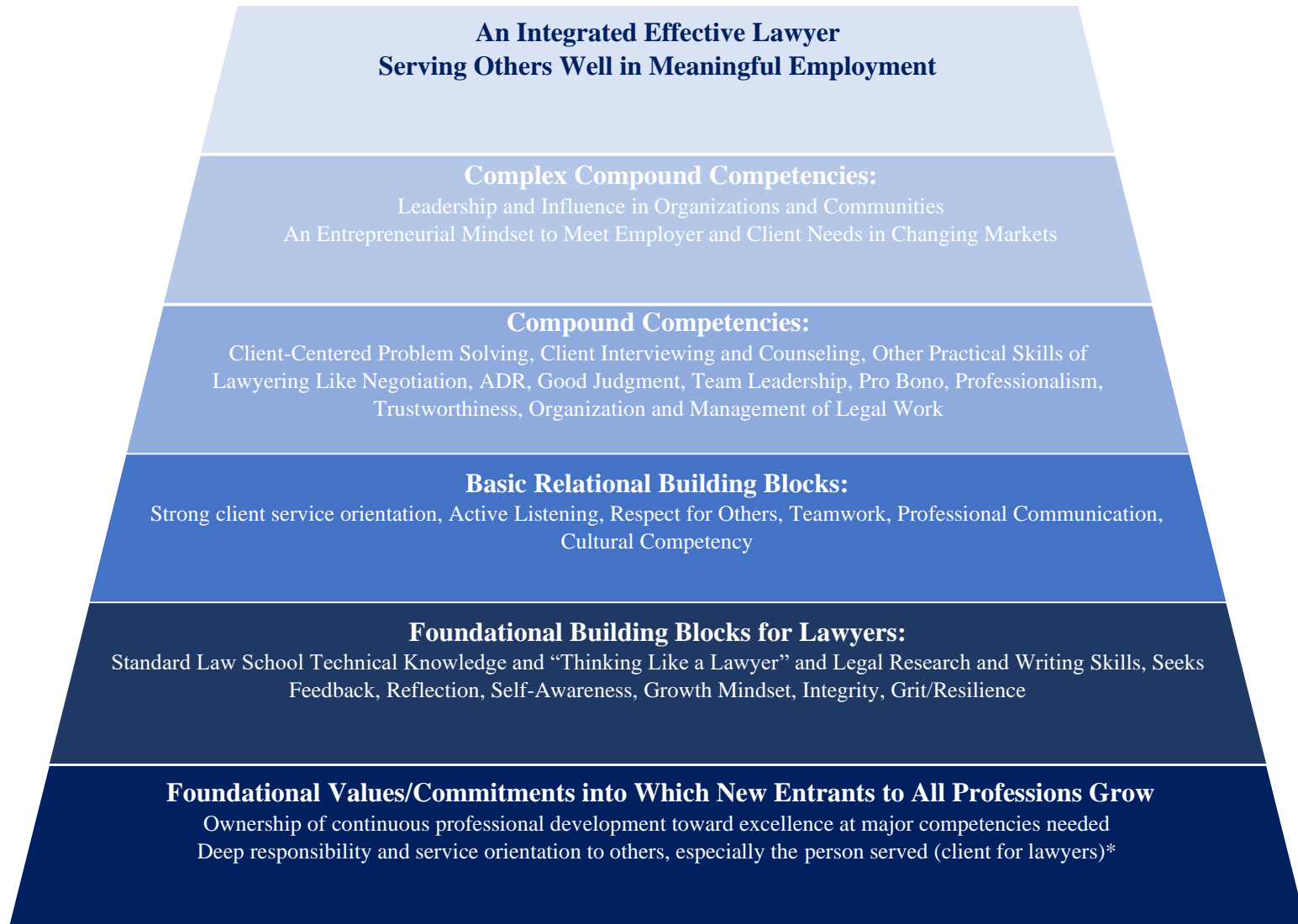


**Figure 1 – Layered Progression of Learning Outcomes<sup>1</sup>**



<sup>1</sup> William Sullivan, co-director for all the Carnegie Foundation for the Advancement of Teaching's studies on higher education for the professions, believes that the “chief formative challenge” for higher education in the professions is to help each student entering a profession to change from thinking like a student where he or she learns and applies routine techniques to solve well-structured problems toward the acceptance and internalization of responsibility to others (particularly the person served) and for the student’s own development toward excellence as a practitioner at all of the competencies of the profession. William M. Sullivan, *Foreword* to TEACHING MEDICAL PROFESSIONALISM at xi, xv (Richard Creuss et al. eds., 2009).