Objective: The objective of this elective course was to enhance student creative thinking and presentation skills with a focus on healthcare innovation.

Method: A 2-credit elective course was developed and offered to pharmacy students in their third professional year. Instructional strategies within the course included activities to develop a creative mindset, exercises to develop divergent and creative thinking, article discussions pertaining to creativity and innovation, TED Talk analyses, and presentation design and delivery exercises.

Results: Assessment instruments included pre- and post-course Torrance Tests for Creative Thinking (TTCT), a scoring rubric to evaluate a final mock TED Talk presented to faculty and students, and student course evaluations. Assessments pertaining to course objectives revealed a significant increase in TTCT verbal creativity scores over the course of the semester (p < 0.05) and confirmed that students could develop and present an original “idea worth sharing” using the TED format. Results from student course evaluations indicated high satisfaction with the course, the course format, and the learning outcomes.

Implications: Creative thinking and innovation are becoming increasingly important for professionals in all fields. This is one of only two identified courses in health professions education that focuses on developing divergent and creative thinking skills. The innovative course design and instructional strategies were successful in increasing student creative thinking and ability to develop and present a novel solution idea to a healthcare-related issue.