We are the Army’s Systems Engineering Department educating cadets and developing faculty to lead teams that develop and implement high value solutions to challenging problems in a dynamic, uncertain, and technologically complex world.
Designing Integrated Solutions to Complex Problems

Systems engineering is an interdisciplinary approach to solving complex problems through the development of integrated system solutions. It focuses on defining customer needs and documenting requirements early in the development cycle then proceeding with designing, validating and implementing innovative solutions while considering both the business and the technical needs of all stakeholders. Systems engineers lead a team effort that integrates various disciplines through a structured development process that begins with an initial concept and leads ultimately to system production and successful operation.

Each spring, the Department of Systems Engineering utilizes West Point’s projects day to host a Cadet Capstone Conference. The conference features works from undergraduate students from West Point and a number of other universities. Students present their work to an audience of fellow students, judges, clients and professors. Winners receive an award at the Capstone Banquet later that evening.