ASU Ira A. Fulton Schools of Engineering Arizona State University

H4D

Want to solve pressing challenges in sustainability & energy?
Want to solve the next National Security problem?
Want to understand the intersection of both?

Lean Startup Problem Solving for Sustainability

Be a part of designing, building, and testing solutions for active complex problems critical to the government around national security, energy networks, cyber security, & AI. Invent new technologies with a team of peers.

In this class, students rapidly create prototypes and produce solutions to fit real-time U.S. Department of Defense (DOD) needs, while directly engaging with military and civilian issue sponsors throughout the semester.

An opportunity offered at a variety of Universities allowing students to develop a deep understanding of the problems and needs of government partners.

The topic areas for the spring semester will focus on sustainability and engineering.

For further information and questions, please contact Michael Simeone at Michael.Simeone@asu.edu
Chao Wang at Chao.Wang.6@asu.edu

Course Content:

1. Rapidly iterate technology solutions while searching for product-market-fit

2. Deeply understand military problem, all stakeholders, issues, costs, resources and mission value

3. Deliver minimum viable product (MVP) that match customer needs in an extremely short time

4. Produce a model that can be used to launch other potential technological solutions

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Julie Ann Wrigley Global Institute of Sustainability
Director, Nexus Laboratory for Transdisciplinary
Informatics, Institute for Humanities Research*

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