

TECHNOLOGY & SOCIETY



Stony Brook University
College of Engineering
and Applied Sciences

Graduates of Technology & Society go beyond engineering, always looking at the bigger picture. They apply engineering and scientific knowledge to improve human societies across the developed and developing world, and manage projects through teamwork and communication.



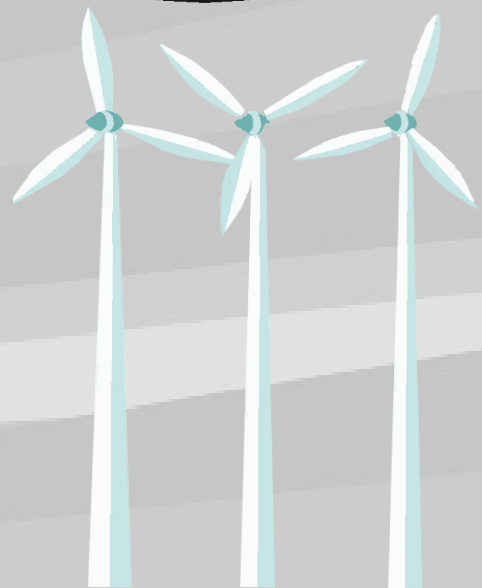
Pre-college preparation

- Math
- Natural & Social Sciences

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Technological advances have consequences. For example, climate change driven by the continued use of fossil fuels is an existential threat. Thus, Technology & Society professors study political, environmental, developmental, and urban aspects of implementing alternative energy systems. In addition, among other things they research ethical problems of artificial intelligence and gender imbalances in STEM education. They coordinate with engineering colleagues to ensure a better and healthier planet Earth for humankind.

Technological system managers combine technical expertise with the human elements of technology – user experience, finance, marketing, policy, risk assessment, conflict resolution, and ethics. They know that technology does not advance solely through efforts of individual engineers and scientists, but through interdisciplinary teamwork, outreach, and communication. They orchestrate efforts and interests of designers, developers, clients, and users.



URL: <http://www.stonybrook.edu/est/>