First-Year Discovery Class (3 units)
THE *NEET* EXPERIENCE
SP.248

SP.248 COURSE DESCRIPTION

MIT New Engineering Education Transformation (NEET) scholars gain invaluable career-forward skills and practical, applied learning experience through NEET's **interdisciplinary, project-centric** curriculum and interactions with NEET faculty, instructors, and scholars. NEET scholars exercise their algorithmic, creative, and systems thinking in team-based challenges taken from NEET's four immersive, high-impact pathways of study, or "threads."

In SP.248, first-year students explore each of the NEET threads and **learn about the exclusive and unique opportunities, resources, mentorship, and communities** offered by the program.

This subject is not required for joining the NEET program, and enrolling in this subject does not obligate you to join the program. Passing this subject will provide you with access to apply early for the NEET program in the spring semester.

SP.248 LEAD INSTRUCTOR

Dr. Rea Lavi
Lead Instructor, Lecturer
MIT School of Engineering
realavi@mit.edu

Preview some of the challenges in SP.248: The NEET Experience by checking out NEET Ways of Thinking (a previous version of this course) on MIT OpenCourseWare.

NEET THREAD INSTRUCTORS + SP.248 CO-INSTRUCTORS

Digital Cities

Dr. Cong Cong
Lecturer and Founding Lead Instructor
MIT School of Architecture + Planning

Climate and Sustainability Systems

Dr. Nathan Melenbrink
Lecturer and Founding Lead Instructor
MIT School of Engineering

Autonomous Machines

Dr. Gregory Long
Lecturer and Founding Lead Instructor
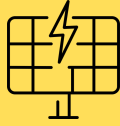MIT School of Engineering

Living Machines

Dr. Mehdi Salek
Lecturer and Lead Instructor
MIT School of Engineering

The NEET program inspires and empowers its scholars to pursue their passions and discover their future career paths through one of four NEET threads:

Autonomous Machines

Climate + Sustainability Systems

Digital Cities

Living Machines

ABOUT THE NEET PROGRAM

NEET was launched in 2017 as a cross-departmental effort to reimagine engineering education at MIT by offering undergraduates the opportunity to better prepare for their futures with a hands-on, experiential education.

The NEET program focuses on **integrative, project-centric learning** that **enables students to bring their coursework to life**. NEET empowers its scholars with the essential skills, knowledge, and qualities to address the societal challenges posed by the 21st century, and provides the **real-world experience** necessary to achieve their professional ambitions post-graduation.

Students join NEET sophomore year and earn a degree in their major and a **NEET Certificate** in one of the four threads (in the usual four years).

VIEW THE COURSE SYLLABUS!

We can't wait to see what you create!

Follow the action on Instagram at @mit_neet!