

EECT6379 - Energy Harvesting, Storage and Powering for Microsystems

[EECT 6379](#) Energy Harvesting, Storage and Powering for Microsystems (3 semester credit hours)

This course studies the electrical characteristics of various renewable energy sources and the corresponding approaches on harvesting and storage, with emphasis on the imposed requirements of microscale dimension. They are followed by the discussion on power conditioning and cross-layer energy/power management with circuit implementations. Prerequisite: [EE 3311](#) or equivalent. (3-0) Y