

Code	ECE 520
Name	Flat Panel Display Technologies
Hour per week	3+0 (Theory + Practice)
Credit	3
ECTS	10
Level/Year	Graduate / M.Sc.-Ph.D.
Semester	Fall-Spring
Type	Elective
Prerequisites	General Semiconductor Physics and Electronics Engineering Background
Content	Displays overview, Color science and engineering, Photo-physical mechanisms, Liquid crystal displays, Liquid crystal displays, Organic light emitting diodes and displays, Plasma displays, Field emission displays, Electroluminescent displays, Future of the display technology