

## EESC6343 - Detection and Estimation Theory

[EESC 6343](#) Detection and Estimation Theory (3 semester credit hours) Parameter estimation. Least-square, mean-square, and minimum-variance estimators. Maximum A Posteriori (MAP) and Maximum-Likelihood (ML) estimators. Bayes estimation. Cramer-Rao lower bound. BLUE estimator and Wiener filtering. Hypothesis testing. Prerequisite: [EESC 6349](#). (3-0) R