CS6361 (SE 6361 and SYSM 6309) Advanced Requirements Engineering (3 semester credit hours) System
and software requirements engineering. Identification, elicitation, modeling, analysis, specification,
management, and evolution of functional and non-functional requirements. Strengths and weaknesses of
different techniques, tools, and object-oriented methodologies. Interactions and trade-offs among
hardware, software, and organization. System and sub-system integration with software and organization
as components of complex, composite systems. Transition from requirements to design. Critical issues in
requirements engineering. Prerequisite: CE 5354 or CS 5354 or SE 5354. (3-0) S (2016-03-17 11:35:49)