SE 4351 Requirements Engineering (3 semester credit hours) Introduction to system and software requirements engineering. The requirements engineering process, including requirements elicitation, specification, and validation. Essential words and types of requirements. Structural, informational, and behavioral requirements. Non-functional requirements. Scenario analysis. Conventional, object-oriented and goal-oriented methodologies. Prerequisites: SE 3306 and (CE 3354 or CS 3354 or SE 3354) or instructor consent required. (3-0) S