ECS 3361 - Social Issues and Ethics in Computer Science and Engineering

ECS 3361 Social Issues and Ethics in Computer Science and Engineering (3 semester credit hours) This course exposes students to major theoretical approaches and modes of reasoning about ethics while exploring a range of important professional and ethical issues in computing and engineering, and the interrelationship between the computing and engineering professions and important elements of social systems. Issues of professional ethics, computer crime and privacy, intellectual property, the balance between the acceptability of risk and constraints such as cost, scheduling, safety and quality, the role of globalization and various important constitutional issues are explored by drawing upon engineering and computing case studies. Prerequisite: Junior Level Standing. (3-0) Y