CS 2305 (MATH 2305) Discrete Mathematics for Computing I (3 semester credit hours) Principles of counting. Boolean operations. Logic and proof methods. Recurrence relations. Sets, relations, functions. Elementary graph theory. Elementary number theory. Prerequisite: Score of at least 75% in ALEKS or MATH 2312 with a grade of C or better. (Same as CE 2305 and IE 2305) (3-0) S