HCS 6348 (ACN 6348) Neural Net Mathematics (3 semester hours) Vector calculus and vector calculus-based probability theory with artificial neural network modeling applications. Emphasizes development of advanced analytic skills and mathematical reasoning abilities. Intended to provide mathematics preparation for ACN/HCS 6347 and ACN/HCS 6349. Prerequisites: Either: (1) Linear algebra, multivariable calculus, STAT 5351 or equivalent, ACN/HCS 5314, or (2) consent of instructor. (3-0) T (2016-02-05 21:28:31)