

SYE - SYSTEMS ENGINEERING

SYE 5470 Creative Problem Solving in Design and Manufacturing Cr. 3

Concepts of laws of natural development of engineering systems.

Algorithm for inventive (creative) problem-solving (AIPS-85). Creative use of physical and geometrical effects in design of mechanical and manufacturing systems. Concepts of strength, stiffness, vibratory effects, reliability in mechanical design. Offered Yearly.

Equivalent: IE 5490, ME 5470