Bemidji State University

IT 3330: Industrial Automation

A. COURSE DESCRIPTION

  Credits: 3
  Lecture Hours/Week: *.*
  Lab Hours/Week: *.*
  OJT Hours/Week: *.*
  Prerequisites: None
  Corequisites: None
  MnTC Goals: None

  The integration of robotics and automated controls into manufacturing operations. Topics include planning for, specifying, and integrating sensors, actuators, part feeding devices, fixtures, material handling equipment, robotics, and programmable logic controllers in an automated environment, such as a work cell or an assembly line. Two hours lecture and two hours lab per week. Prerequisites: IT 2608, MATH 2610, and PHYS 2500.

B. COURSE EFFECTIVE DATES:  02/24/2007 - 08/24/2014

C. OUTLINE OF MAJOR CONTENT AREAS

  None

D. LEARNING OUTCOMES (General)

  None

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

  None

F. LEARNER OUTCOMES ASSESSMENT

  As noted on course syllabus

G. SPECIAL INFORMATION

  None noted