NIU Two-Year Degree Plan
M.S. Degree in Integrated Systems Engineering*
2 Years at Rock Valley College

Year 1
Fall Semester
• IEET 591 - Integrated Systems Engineering I
• MEE 521 - Dynamic Systems and Control II
• MEE 523 - Mechanical Reliability
  or
• ISYE 531 - Reliability Engineering

Spring Semester
• IEET 592 Integrated Systems Engineering II
• ELE 683 Computerized Control and Modeling of Automated Systems
• MEE 526 Mechatronics System Design

Year 2
Fall Semester
• ELE 687 Fuzzy Logic in Engineering
• ISYE 630 Advanced Quality Control
  or
• ISYE 675 Advanced Decision Analysis for Engineering
• MEE 625 Robot Programming and Control

Spring Semester
• IEET 699 Master's Thesis
  or
• IEET 697 Independent Study