CIM Update Training Agenda
November 2, 2016 / 8:30am – 3:30pm

LESSON TOPIC                                    TIME
Introduction                                             45 minutes
• Establish expectations for the day
• Check operation of HSM software on participant laptops
• Review changes in the curriculum 2.3
  o Overview of changes to current curriculum due to new HSM platform
• Overview of HSM (Why the change? Advantages!)

Introduction to the HMS Interface                   45 minutes
• Overview of the new Ribbon tool bar in Inventor
• Installing post processors and tool libraries
• “Custom Tool Library Creation” and manipulation of tool bar components

Basic Operations in HSM                             120 minutes
• 2.3.4 CAM Strategies
  o Set up and orienting parts
  o Face milling
  o Roughing
  o Contouring
  o Slotting
  o Holes
• 2.3.5 Practice Machining/GDF Activity

Lunch                                                   60 minutes
• Lunch is on your own with several restaurants on campus
  https://www.rit.edu/fa/diningservices/hours-and-locations

Advanced Design Activity                             120 minutes
• 2.3.7. Review the Container Design project
• Apply HSM strategies the container top and bottom
• Apply HSM strategies to the complex surfaces of the container lid
  o Option 1: Flat Lid with fillets and plate pocket
  o Option 2: Rolling Plane to cover advanced patterns

Wrap Up and Misc. Topics                              30 minutes
• Brainstorm alternative project ideas
• Review the day’s material, location of resources, and course modules on LMS
• Final comments and questions