Industry & Advisory Meeting; Norco College Manufacturing 2015

- Drafting

    o Drawings are mostly done in CAD software but table drafting is still needed for rapid revisions on site (this is in regards to the question of whether or not we should be teaching board drafting on campus). This question mostly pertains to the ene department.

    o Blueprint reading and GDT courses are deemed extremely relevant to manufacturing technologies.

    o Naval Surface Warfare Center recommends Metrology class.

        ▪ Possibly taught by an instructor from their facility

- CNC Programing

    o Consider a SolidCAM course

    o Consider extending MasterCAM into Summer/Winter semesters to teach 5th Axis programming. In other words the Mastercam course should be lengthened or we should go back to teaching man 52 and man 53. We will be better to make a decision once the class ends for this semester.

    o Manual CNC Programming is still relevant to repair any issues created by CAM Software generated code

- There is a need for Machinists with a Welding certification from the American Welding Society as well as machining experience

- CAD/CAM Software

    o Discuss with instructors requiring a prerequisite of a computer proficiency (through Webadvisor?) course/test for:

        ▪ Man-35 MasterCAM

        ▪ ENE-30 AutoCAD

        ▪ ENE-42 Solidworks

        ▪ SolidCAM Course if added

Perquisite course can benefit the above courses so that advanced students don't feel that they are being pulled down by students that don't have enough computer experience. We have tried to have prerequisites on these courses but oftentimes found that it was a burier to entry for these courses.

Industry Advisory Breakfast – May 1, 2015

Agenda for Automated Systems Breakout Session

Should the Automated Systems Technician program be renamed Industrial Automation to reflect the changing terminology of the industry?

It would be fine to change the name of these programs.

If the group decides that it should, two program pathways *Automated Systems Technician* and

Supply Chain Technology would reside under the Industrial Automation program.

The group states that this would be acceptable.

Do we need to include mechanics content in the Automated Systems/Supply Chain Technology pathways?

This question was not asked of the group. Sorry, we may have to ask them over email.

Do we need to include welding content in the Automated Systems/Supply Chain Technology pathways?

The group had a strong stance on this and even suggested that cnc operators have some experience in welding.

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Looking for person with experience in welding and machining

Craig Hardin

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