

**2014-2015  
Mid-Year  
Committee/Advisory Council Report**

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**Committee Name: Machining Advisory Committee**

**Chairperson: Spencer Sanderson**

**List of members: Carl Priebe, Ernie Stutz, Mark McMillan, Tres Ward, Spencer Sanderson, Brandi Weist, Mark Roberts, Gentry Meyers**

**Dates of meetings: November 13, 2014**

**Accomplishments:**

- **Spencer Sanderson was elected chairperson, Mark Roberts was elected recorder**
- **Members were updated on the combining of both Industrial Automation and review Machining courses under one associate degree. Members agreed to go forward with the degree plan.**
- **Program Statistics: 7 new students beginning the Fall 2012 8 returning Graduates, majors, enrollment 5 students graduated Fall 2013 17 students are presently enrolled in the program 10 students are new Fall 2014 while 7 are returning students**
- **Proposed Program Changes: Members voted to drop MCHN 1438 Basic Machine Shop, MCI-IN 1458 review Intermediate Lathe, MCHN 2402 Intermediate Mill, and MCHN Advanced Lathe. Members voted to replace the deleted courses with MCHN 1302 Print Reading for the Machining Trades, MCHN 1408 Basic Lathe, MCHN 1413 Basic Mill, and MCHN 2431 Operation of CNC Turning Centers. These changes will remove several prerequisites and make it a more fluid motion of course progression for students.**
- **Equipment: There have been no issues so far with the CNC machinery this year. Conventional machinery shows wear with two lathes in need of repair, but nothing critical.**
- **Professional Development: received a certificate in Basic and Advanced Solid Works. Machining Consultant for an MSU student engineering project called "Active Road Rumble Energy Harvesting Panels" which was completed in May of 2014. Co-administrator of the DeltaCad Users Group- a 2D CAD application.**
- **Our Facebook page "Vernon College Machining Lab" continues to be used for student accolades. Both Sophomore Roundup and GenTX exposes this program to grade-school audiences who might otherwise never make contact.**

**Recommendations: Even more hands on learning, troubleshooting, and inspection**

**Membership suggestions: None**

**Agendas, exhibits and minutes posted to Vernon College web site address:**

<http://www.vernoncollege.edu/CollegeEffectiveness/Committees.aspx>

**Submitted by: Christopher Smith**

**Date submitted: 3/23/2015**