



Date: Thursday, March 7, 2019	SCHEDULE: 6:00 PM - Social Hour 7:00 PM - Dinner 8:00 PM - Business Meeting 8:15 PM - Program
Location: Zehnders of Frankenmuth - Town Hall downstairs	
Meal: Family Style Chicken (fried and broiled) & Livers dinner	
Tickets: \$25.00	

EDUCATION NIGHT

Die Casting in a Box – Shot Cycling

SPEAKER: DR. SAM RAMRATTAN AND WMU STUDENTS

Dr. Sam Ramrattan and three students Bryan Chase, James Helm and Jake Johnstone of Western Michigan University (WMU) will presentation the current project focused on “shot cycling” of the die casting in a box machine.

What is a die casting machine in a box you ask? Put simply, it is a smaller scale version of a die casting machine that provides the students of WMU with hands-on die casting training without having to step foot in a die casting plant.

Several years ago, the students of WMU worked with many different suppliers to build 1/8 scale model of an actual Prince cold chamber die casting machine for WMU to use in their teaching and training of future die casters. A Visi-Trak’s True-Trak 20/20™ Computer Monitoring System was added to the machine which allowed for shot control and automation.



Current Objectives of this Die Casting in a Box activity is to design, fabricate and install a melting and a dosing system to the cold chamber. Also to safely automate the DCIB machine to cycle the following operations: integrate the machine with a PLC and the Visi-Trak True-Trak 20/20™ Computer Monitoring System; install light curtains and guards, gravity shoot hot casting for automatic handling.

FOR INFORMATION CONTACT:

Sue Manyen, GMPT	248-978-9735	Cindy Hildinger, Bay Cast	989-892-0511
Jill Adcock, GMPT	989-245-6586	Bill Veresh, VIB/CON	989-755-9175

The AFS Saginaw Valley Chapter is looking for volunteers the help at the following Foundry in a Box activities
 If you are interested in helping teach youth with our Foundry in a Box activity, please contact Susan Manyen at susan.manyen@gm.com.

The AFS 2018-2019 Program will be posted to the website. Mark your calendars.

Golf Outing is Saturday, June 1, 2019 Contact DJ Couture (couture@chartermi.net) for tickets or sponsorships

THANK YOU TO OUR SPONSORS!

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www.saginawvalleyafs.org.