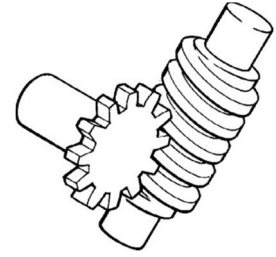


**METRO DETROIT
METALWORKING
CLUB
November 2014**



Club website: www.metrodetroitmetalworkers.com
Club Yahoo Group: <https://groups.yahoo.com/neo/groups/MDMC/info>

Next Meeting:

Wednesday November 12, 2014 @ 7 PM
Macomb Community College – South Campus
14500 E 12 Mile Rd, Warren, MI 48088

South Campus Room M-102

Note: This group meets the 2nd Wednesday of the month.

Bring in your projects and work problems for “Show and Tell”

MDMC Contacts:

President:	Kurt Schulz
Vice Pres:	Kevin Thomas
Treasurer:	Ken Hunt
Secretary:	Joe Comunale
Webmaster/ Librarian:	Steve Huck / Doug Huck

Notes: From October's meeting:

Sine Bar Lesson – by Kevin Thomas:

- Kevin Thomas gave a lecture on using sine bars and gauge blocks.
 - Kevin had encountered a machining job that required critical angular set up on the milling machine.
 - The solution to setting it up accurately – was to correctly position the work on the precise angle using a sine bar.
 - Kevin reviewed how he set the work piece up on the milling machine, and presented a nice video on how to use a Sine Bar.
 - Kevin also discussed how Sine Bars can be used to accurately position a modern (Machined, not the cast type) lathe cross slide.
-

History of making Gauge Blocks:

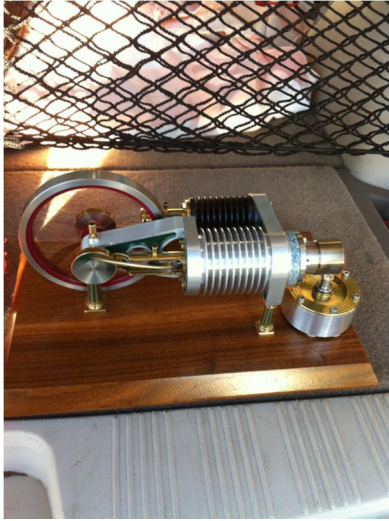
- Kurt Schulz passed around information gathered from the internet regarding the origin of Gauge Blocks, and their inventor Carl Edvard Johansson.
- You can find that interesting information at: http://en.wikipedia.org/wiki/Gauge_block

Note: Due to a hard drive crash on my computer – I have lost a lot of information from the past two meetings. I have managed to find / save the following pictures.

Some Examples of Kurt Schulz Work with EDM Form Tools:

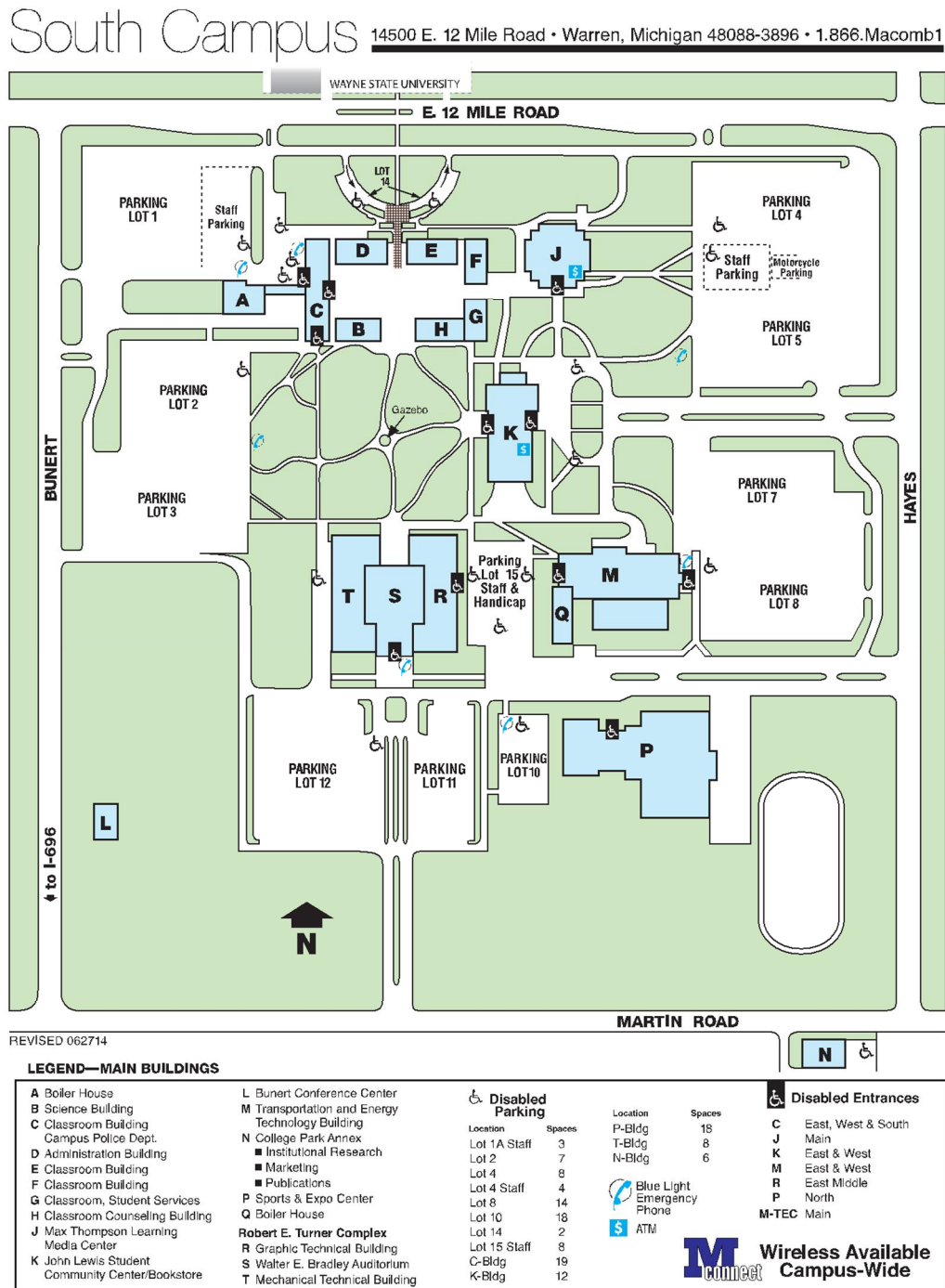


Summer Swap Meet – Engines:



Map of Macomb Community College – South Campus – 14500 E 12 Mile Rd, Warren, MI 48088

Building M- Room 102



The End.