

TO: All Precision Machining Students & Parents
FROM: James Hillwig, Precision Machining Instructor
DATE: July 23, 2020
RE: Items needed to start class in the fall

This letter is to welcome you to the Precision Machining class at the Crawford County Career & Technical Center (CCCTC), and to tell you that there are some required items that you will need to purchase during the summer.

It will be necessary for you to buy the following items and **bring them to school with you on Wednesday, September 2, 2020.**

1. **Steel Rule:** 6" long with graduations of 8ths, 16ths, 32nds, and 64ths, or 32nds, 64ths, 50ths, and 100ths, (suggested name brands are: Starrett, Brown & Sharpe, Fowler, or Mitutoya . The approximate cost is \$15.00.) MSC Industrial Supply on-line <http://www.mscdirect.com/>
2. **Large Magic Marker and Fine Point Sharpie:** black, blue or red.
3. **Large 3-Ring Binder & Sheet Protectors:** notebook paper, pen and/or pencil.
4. **Safety Glasses:** The school will provide one pair of non-prescription glasses to all first year students. If you wear prescription glasses, they must be industrial approved safety lenses, which can be purchased through your eye care provider. Second and third year students can purchase replacement safety glasses in the Main Office for \$3.
5. **Work Clothing:** No shorts, long sleeve shirts, or sweatshirts may be worn during class for safety reasons. It is best if you bring an old short sleeve shirt to change into during class and MAKE SURE you have LONG PANTS to wear ALL YEAR, "NO SHORTS". Uniforms and shop clothing must be KEPT CLEAN and free of holes and tears. Heavy Duty shoes or boots, closed toes are required, steel toes are recommended. **No Open Toed or High Heel Shoes are permitted in Shop.**
6. **Scientific Calculator:** with sin. cos. and tan., functions (a Texas Instruments TI-30X, TI-30XA or TI-36X is preferred, we do not recommend a TI-30XIIS)
7. **USB Flash Drive:** minimum 16 GB capacity.

We continue to incorporate project work designed by the National Institute of Metalworking Skills (NIMS) as part of our curriculum. The testing offered by this nationally recognized organization is the standard used by many manufacturing companies and postsecondary training institutions. Students who successfully complete these projects and the corresponding written exams receive national accreditation through NIMS, State certification (the Pennsylvania Skills Certificate), and advanced standing towards course work at the Precision Manufacturing Institute (PMI) as well as other two and four year schools. NIMS requires a one-time \$40 registration fee to obtain your printed certification. It is your option whether or not you want to obtain the actual printed NIMS certification.

If you feel that the above-mentioned costs may be a deterrent to your son/daughter enrolling at the Crawford County Career & Technical Center, please notify your home school guidance counselor or the Student Services Department at CCCTC to discuss financial alternatives.