



FPE Automation

PEOPLE | PRODUCTS | SOLUTIONS

Attendance

Eric Walter - SK-TOOL

Art Gesell

Fluid Power

Automation
Specialist
FPE Automation

Michael Collins

Omron

Jim Gloss

Bill Scholl

AUTO METER

Electronics Technology Advisory Committee
Meeting



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4/20/17

Future meetings on 20th or October 19th Thursday

6:25 pm meeting started

Reading of minutes from 10/2016

All approved the minutes

Michael-

Talking w/ someone from NIU about collaborating - valuing Kish programs?

Technology / Electrical / Industry - hard to match

Electronic hands-on versus other

Charles - Hoping for more collaboration / easier transition w/ NIU

Bill → % of students who want to go on to NIU?

Charles - "at least 4 plus Susanna

making sure they take proper courses, prepared to transfer
students wanting to shadow / internship - working on that,
but certificate required for internships"

Eric - need to recruit high schools

Art - open houses, career days at least to reach to high schoolers

Matt - reaching out to high schools and tours that do happen
to let them know of opportunities - working on improving it

Art - employers looking for workers who don't need trained, but who
already know - and are professional - and have soft skills

Charles - Cody got in to Crest Foods

Michael - what's the region of high schools does Kish cover?

Matt - "Genoa to Shabonna, Rochelle 6 High schools, 8 districts"



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Michael - willing to represent at high schools
especially Robotics

Charles - hoping for grant for at least 1 robot
talking w/ matt, Dr. L to writing grant

3. Curriculum Updates

ELE 130 Intro to PLC removing ELE101 prerequisite
~~since don't need~~

ART-1 Eric^{2nd} motion to remove - all approved

Art - working on servos

Michael - can sample a servo to get started

Charles - 5 packing machines for future (was donated)

integrating real-world applications to what they're learning

Eric - Tim can provide technical advice/materials

PLC I

Charles - building binder for PLC - incorporating OMRON knowledge/materials/
pushing PPFs

modifications for safety in process

Art - pneumatic system in trainers - willing to help set up, get good deal

Charles - putting in regulators - working on pneumatics
new relays, timers, (4VFDs working great)

New timers - will talk to Art - trying to get away from Ebay

Michael - timers of HC3A HGA timers available
(Digital timers)

Charles - need to move over to digital



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Charles - more of 2018 budget to control

110, 204 OK - building power supplies

204 - amplifiers

Michael - reflow, board operating, etc if you want to come see facility

Charles - will do in the summer

Charles - 110, 204 - get more into schematics

ETA certification -

All have said yes -

Charles - 2 types - Industrial + Electronics

Michael - concerned if you have the bandwidth

Yes, we should invest in future, but have a lot on plate already

Quality vs Quantity

Charles - maybe offering to take certification elsewhere

Michael - tying it all together rather than stand-alone piece

Internship/Shadowing

looking for company to help provide real-life experiences

Michael - Automation center visits - making that a regular event

Charles - twice a year

Michael - needs approximate dates - after hours

Charles - mid-September

Student Employment

Susanna leaving May of 2018, Callie cont'

cont' to organize

Next meeting - Oct 19th 6pm

Charles¹ Michael² adjourned (Michael - Onset)
7:20pm