

**Industrial Technology Annual Advisory Committee and AMT  
Engineering/Maintenance Sub-Committee Meeting  
Jackson State Community College  
April 20, 2018  
7:00 a.m. – 8:30 a.m.**

Meeting called to order and welcome by Reggie Davis, Advisory Committee Chair with the following members present: Thorne Barbour, Jason Bates, Vance Brewster, Madison Butler, Rich Cunningham), Aaron Evans, David Hale, Gerald Hughes, Darrel Johansen, Bob Nolan, Eddie O'Neill, Dan Rodenbaugh, Ken Trick, Chris Zamora and from JSCC: Dr. Bailey, Roger James, Kimberly Johnson, Ben Lawrence, Clint McMahan (graduating AMT student), Terri Messer, Cathi Roberts and Janice Taylor.

Committee Chair noted to all committee members: this is a great program and would like everyone to be involved and engaged with students at their respective companies.

Presentation was given by Clint McMahan (graduating AMT student) highlighting what he is taking away from the program:

Graduate of McNairy Central High School

Took classes to get into the program

Thought he knew everything

Give back to the community - worked with the students at the Boys and Girls Club as a Service Learning Project

Understanding teamwork

Work hard

**Old Committee Business:** Progress on McWherter updates:

- Lab space returned to us.
- Added two new high bays to the lab.
- New computer labs.
- Three new classroom spaces.
- A little more room to grow now.

Encourage members to tour the facilities. You are welcome to tour JSCC.

**New Business**

We have some new neighbors:

UTMartin has relocated their Jackson Center to this facility, They are offering junior and senior level Bachelor degree program.

TCAT Jackson Tool and Die Program is also in our building.

**Program Updates**

Enrollment – (see attached trend chart).

Graduation – (see attached trend chart)

Exit Exam Results – (see attached trend chart) – We have a comprehensive exit exam that each student has to take. The average score of \_\_\_\_ did not happen this year which means we will have to do a plan of action.

17 co-op students will be graduating May 5 (with 22 total IT grads)

77% completion rate in just 2 years of college for AMT cohorts

This completion rate compares to cohort 1 for 77% (began F2014, graduated May 2016)

and 83% for cohort 2 (began F2015, graduated May 2017)

A total of 22 IT students will be graduating this May.

22 IT students started in the fall of 2016.

#### Program Schedule Review

Accelerated Evening Program Cohort 1 and 2 to begin Fall 2018.

State has changed our common curriculum. The title change will be: Engineering Systems Technology (see attached program sheets).

Daytime cohort review –

In the fall, we launched our evening adult program on Wednesday evening. We will start a new cohort each fall. Classes are hybrid accelerated, students will be able to finish in December 2018.

#### ATMAE Reaccreditation Self-Study and Site Visit

The Industrial Technology Program has been accredited for twenty years by The Association of Technology, Management, and Applied Engineering (ATMAE). We may be contacting you for participation when the accreditation site visit is scheduled.

#### Program Funding efforts – DRA FNUC Authorized Satellite Training Center

Great news: Applied for and received a grant through the Delta Regional Authority for robots. The equipment is on order and should be here by July. Our first week-long Level I FANUC training will be in December.

#### Program Recruitment Update

AMT

- Currently have 20 applications that includes one female
- Students did the recruiting this year
- More non-traditional students.
- Interviews are scheduled for May 4 and selections will be made on May 8.

Please review the Crosswalk Information Sheet

Brief discussion followed.

Question (Dean Messer): What about your facilities? Are your guys responsible for everything from A-Z?

Discussion followed:

Basic tool class is given at Toyota Bodine

What test equipment is taught? Meters, Megars??????

If you have a competency test having access, what you are specifically looking for. Make sure we are using the same terminology.

Comment/question from Jason Bates: the push of mentors/peers of helping students to be successful.

This will be the first time JSCC has had a service learning endorsement which consists of: three 10-hour service projects, one (1) 20-hour service project; one (1) credit hour for credit class; Boys and Girls' Club Tutoring, Boys and Girls Club Tech Party, Safety Project, Manufacturing awareness and recruitment. Eight graduates will receive the Service Learning endorsement.

Evening cohort....State was changing our common curriculum. The title change will be: Engineering Systems Technology

New cohorts will be on Tuesday and Thursday starting in the fall. The only difference with the evening, students will come one evening per week. Most of the night students are our non-traditional students.

Discussion followed.

Staffing needs for area – full time faculty/instructor search:

- Degreed engineer with at least five years of manufacturing experience; or
- Must have bachelor's degree in related manufacturing field with at least ten years of relevant manufacturing experience
- Ability to communicate effectively to a diverse population of students

JSCC staff/instructor specialized training scheduled this summer:

- Cathi Roberts and several AMT students will be attending the AMT Conference in San Antonio, TX in May.
- New faculty member to begin level three FANUC robotics instructor training

Curriculum Review – Roger James and Ben Lawrence

Industrial Technology changing to Engineering Systems Technology – see attached crosswalk of full curriculum content

Specific Course validation analysis and feedback on:

EETC 1311 Electrical Circuits (formerly EET 130 DC/AC Circuits)

EETC 2333 Industrial Electronic Controls (previously EET 200 Motors and Motor Control)  
EETC 2390 Capstone (previously EET 297 Automatic Processes)  
ENST 1370 Manufacturing Processes (new Fall 2018, first term course).

Minutes recorded by Janice Taylor

Jason's Deli: Breakfast (breakfast sandwiches, fruit, coffee) provided by Jason's Deli.