Industrial Technology Annual Advisory Committee and AMT Sub-Committee Meeting
Friday, April 20, 2018
7:00 – 8:30 a.m.

AGENDA
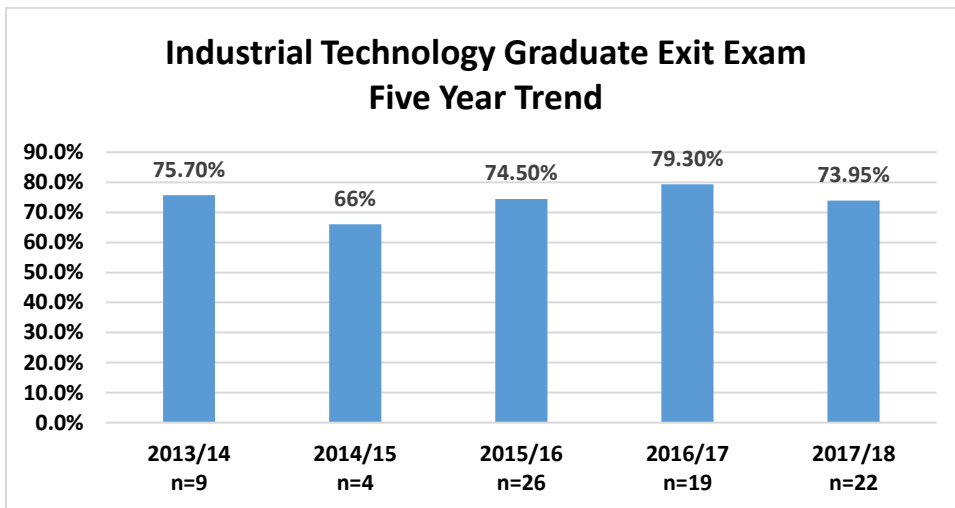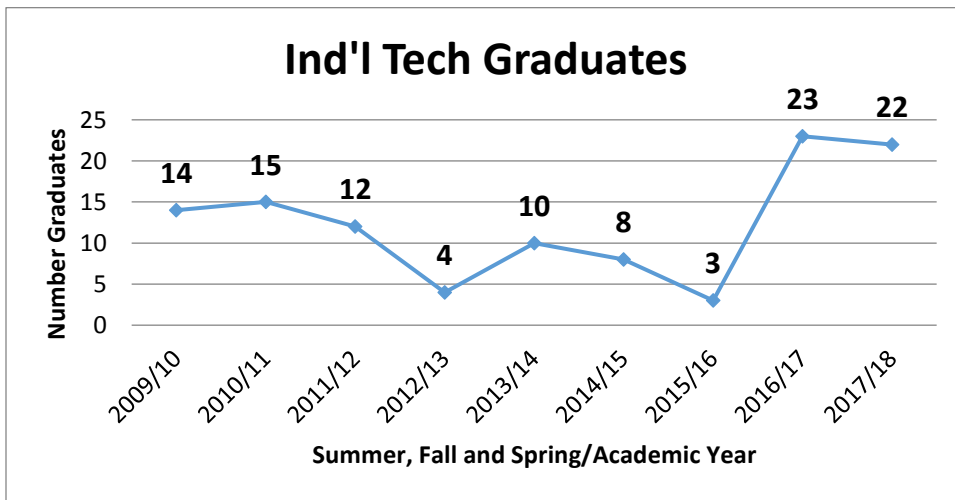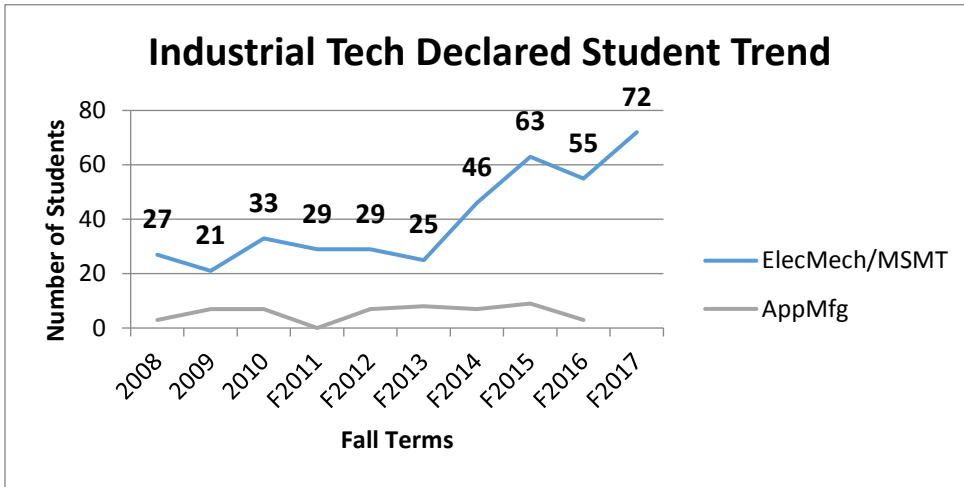
Welcome and Introductions – Reggie Davis, Advisory Committee Chair

Old Committee Business - Progress on McWherter lab updates – Ben Lawrence/Roger James; Statewide Program update on Industrial Technology– Terri Messer– in effect August 2018

New Business

a. Program Updates – Industrial Technology – Terri
   a. Enrollment – see trend chart
   b. Graduation – see trend chart
   c. Exit Exam Results – see trend chart
b. Program Schedule Review – Evening, Morning and Afternoon cohorts – Terri
   a. Accelerated Evening Program cohort 1 and 2 to begin Fall 218 – see brochure
   b. Daytime cohort review
   c. Staffing needs for area –full time faculty/instructor search
c. ATMAE Reaccreditation Self Study and Site Visit
d. Program Funding efforts – *DRA Fanuc Authorized Satellite Training Center*
e. Program Recruitment Update – Cathi Roberts
f. JSCC staff/instructor specialized training scheduled this summer:
   a. Cathi to Texas AMT Annual Conference in May
   b. New faculty member to begin three level FANUC robotics instructor training
g. Curriculum Review – Roger James and Ben Lawrence
   a. Industrial Technology changing to Engineering Systems Technology – see crosswalk of full curriculum content
   b. Specific Course validation analysis and feedback on:
      i. EETC 1311 – Electrical Circuits- Roger
      ii. EETC 2333 – Industrial Electronic Controls - Roger
      iii. EETC 2390 - Capstone – Ben
      iv. ENST 1370 – Manufacturing Processes – Roger

Industrial Technology Program Results- 2017/18

Industrial Tech Declared Student Trend

Number of Students — Fall Terms

- ElecMech/MSMT
- AppMfg

Values: 27, 21, 33, 29, 29, 25, 46, 63, 55, 72

Years: 2008, 2009, 2010, F2011, F2012, F2013, F2014, F2015, F2016, F2017

Ind'l Tech Graduates

Number Graduates — Summer, Fall and Spring/Academic Year

Values: 14, 15, 12, 4, 10, 8, 3, 23, 22

Years: 2009/10, 2010/11, 2011/12, 2012/13, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18

Industrial Technology Graduate Exit Exam Five Year Trend

2013/14 n=9	2014/15 n=4	2015/16 n=26	2016/17 n=19	2017/18 n=22
75.70%	66%	74.50%	79.30%	73.95%

Jackson State Community College

PROGRAM LAUNCH Fall 2018

AAS ENGINEERING SYSTEMS TECHNOLOGY

Accelerated, One Evening Per Week Pathway - Aug 2018 - May 2020

Cohort 2 Plan

Hybrid- Seven Week, Online and Summer Classes

Fall 2018	1st Term Seven Weeks	Weds Evening		Spring 2019	1st Term Seven Weeks	Weds Evening
ENST 1350	Industrial Safety (IT 150)	5:00-6:50		EETC 2331	PLC I (EET 180)	5:00-6:50
ENST 1370	Manuf Processes (New)	7:00-8:50		ENST 1360	Mech Power Trans (EET 150)	7:00-8:50
	2nd Term Seven Weeks				**2nd Term Seven Weeks**	
EETC 1311	Electrical Circuits (EET 130)	5:00-6:50		EETC 2331	PLC I - Continued (EET 180)	5:00-6:50
Engl 1010	English Comp I	7:00-8:50		ENST 1311	CAD 1 (MET 110)	7:00-8:50
	Online Full Term				**Online Full Term**	
Infs 1010	Computer Applications	Online			Math Course Online (Math 1530)	Online
		15 credits				**12 credits**

Summer 2019		Weds Evening		Fall 2019	1st Term Seven Weeks	Weds Evening
	1st Five Week Summer Term			EETC 2332	PLC II (EET 230)	5:00-6:50
Hum 1010	Humanities	5:00-8:00		EETC 1321	Electronics I (EET 170)	7:00-8:50
	2nd Term Five Week Summer Term				**2nd Term Seven Weeks**	
Spch 1010	Speech	5:00-8:00		EETC 2332	PLC II - Continued (EET 230)	5:00-6:50
	Online Full Term Ten Week Term			EETC 2361	Instrumentation Tech (EET 260)	7:00-8:50
Phys 2010	Non Calculus Physics OL	Online			**Online Full Term**	
		10 credits		Econ 2020	Microeconomics	Online
						12 credits

Spring 2020	1st Term Seven Weeks	Weds Evening			
EETC 2333	Ind'l Elect Controls (EET 200)	5:00-6:50	*Saturday Labs on selected dates*	**Associates of Applied Science**	
EETC 2350	Integrated Robotics (EET 270)	7:00-8:50		**Engineering Systems Technology**	
	2nd Term Seven Weeks			**Awarded May 2020**	
ENST 2361	Fluid Power Systems (EET 240)	5:00-6:50		Total Credit Hours	61
EETC 2390	Capstone (EET 297)	7:00-8:50			
		12 credits			

Jackson State Community College

PROGRAM LAUNCH Fall 2018

AAS ENGINEERING SYSTEMS TECHNOLOGY (formerly Industrial Technology)

Cohort 5 Plan of Course Offerings

Cohort 5 Plan

Traditional Two Day Per Week Schedule and Summer TUES/THURS

Fall 2018		
ENST 1350	Industrial Safety (pre IT 150)	3
EETC 1311	Electrical Circuits (pre EET 130)	3
Engl 1010	English Comp I	3
ENST 1370	Manufacturing Processes (New)	3
	TEAM	
		12

Spring 2019		
ENST 1360	Mechanical Power Transmission (pre EET 150)	3
EETC 2331	PLC I (Pre EET 180)	3
Math 1530	Statistics	3
Infs 1010	Computer Applications	3
ENST 1311	CAD I (pre MET 110)	3
	TEAM	
		15

Summer 2019		
Hum 1010	Humanities	3
Spch 1010	Speech	3
Econ 2020	Microeconomics Online	3
		9

Fall 2019		
EETC 1321	Electronics I (Pre EET 170)	3
EETC 2361	Instrumentation Technology (Pre EET 260)	3
Phys 2010	Non Calculus Physics	4
" Lab	Lab	
EETC 2332	PLC 2 (Pre EET 230)	3
		13

Winter Mester 2019		

Spring 2020		
EETC 2333	Ind'l Electronic Controls (Pre EET 200)	3
ENST 2361	Fluid Power Systems (Pre EET 240)	3
EETC 2350	Integrated Robotics (Pre EET 270)	3
EETC 2390	Capstone (Pre EET 297)	3
		12

Updated 3.19.2018

Associates of Applied Science	61
Engineereing Systems Technology	
Awarded May 2020	