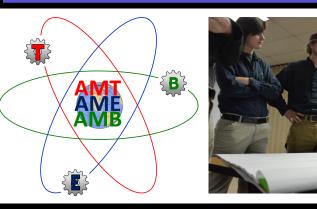
CONFERENCE SCHEDULE

DAY							
TIME			EVENT	LENGTH		LEAD	Numbers
8:00 AM			Registration Opens	All Day	· · · · ·	BVCTC	Everyone
9:00 AM			Welcome/Conference Overview	1 hr	132 & 136	Parker	All
10:00 AM			State of the Program	50 m	132 & 136	Parker	All
10:50 AM		11:00 AM		10 m			
11:00 AM		1:00 PM	Parade of Programs	2 hr	132 & 136	Parker	All
1:00 PM		1:45 PM	Lunch	45 m	Lobby/Hall		
1:45 PM		2:30 PM	Advanced Manufacturing Center Review	45 m	AMC	Mortensen	All
2:30 PM		2:40 PM	Break	10 m			
<mark>2:40</mark>	PM	5:15 PM	Sessions 1	2 hr 35 m			
	2:40 PM	4:10 PM	"To the Sun and Beyond"	1.5 hr	217	Benton/Leveridge	26
	2:40 PM	3:25 PM	AMT Conference Welcome & Assignment	45 m	AMT Lab	Parker	32
	2:40 PM	3:25 PM	A Manufacturing Call to Action	45 m	132	Hudson	40
	2:40 PM	5:15 PM	College Roundtable	2 hr 35 m	216	Crawford	21
-	2:40 PM	5:15 PM	Toyota Tour No. 1	2 hr 35 m	Off-site	Maynard	15
NS	3:25 PM	3:35 PM	Break	10 m			
ō	3:35 PM	4:20 PM	AMT Meet & Greet	45 m	AMT Lab	Holder	32
Sic	3:35 PM	4:20 PM	The New AMT Tool & Die Program	45 m	132	Taylor	17
Š	3:35 PM	4:30 PM	FAME Information Meeting	1 hr	136	Menke	
S	4:20 PM	4:30 PM	Break	10 m			
	4:30 PM	5:15 PM	FAME Q&A	45 m	136	Menke	
	4:30 PM	5:15 PM	AMT Recruiting	45 m	217	Parker	20
	4:30 PM	5:15 PM	AMT Program Feedback & Report	45 m	AMT Lab	Taylor	32
	4:30 PM	5:15 PM		45 m	132	Hudson	17
5	:15 PM		DAY END				

DAY							
TIME			EVENT	LENGTH		LEAD	
7:00			Registration Opens	3 hr	Lobby	BVCTC	All
8:00			Welcome	30 m	132 & 136	Parker	All
8:30		8:40 AM		10 m			
<mark>8:40</mark>			Sessions 2	2 hr			
	8:40 AM			55 m		Niehaus	48
2	8:40 AM	9:35 AM		55 m	AMT Lab	Dunbar/Taylor	32
N	8:40 AM	9:35 AM	The AMT Faculty Instructor	55 m	136	Parker	18
ō	8:40 AM	9:40 AM	NAPE Diversity Workshop	1 hr	132 & 136	Tran	14
S	8:40 AM	10:50 AM	Toyota Tour No. 2	2 hr 10 m	Off-site	Maynard	15
N.	9:35 AM	9:45 AM	Break	10 m			
SE	9:45 AM	10:40 AM	Tracking Floor Training for Maximum Performance	55 m	132	McBride	39
	9:45 AM	10:40 AM	Faculty Training: Developing AMT's in the Professional Behaviors	55 m	136	Parker	
10:40	D AM	10:50 AM	Break	10 m			
10:50	MA C	11:20 AM	AMT Keynote	30 m	132 & 136	Parker	All
11:20	D AM	11:50 AM	Veteran Recruiting/Open Discussion	30m	132 & 136	Parmeter	All
11:50	0 PM	12:00 PM	Next Conference (2016)	10 m	132 & 136	Parker	All
12:00	0 PM	12:45 PM	Lunch: Speaker Amanda Kamman, PLTW VP for Development	45 m			
12:4	5 PM	2:45 PM	Sessions 3	1 hr 50 m			
8	12:45 PM	1:40 PM	Best Practices: Manufacturing Floor	55 m	132	Davis	45
S	12:45 PM	1:40 PM	Best Practices: College Floor	55 m	136	Crawford	17
Ζ	12:45 PM	2:45 PM	Universal Roundtable	2 hr	217	Menke	21
0	1:40 PM	1:50 PM	Break	10 m			
S	1:50 AM	2:45 AM	AMT Closing & Assigment	55 m	ATM Lab	Taylor	32
ES	1:50 PM	2:45 PM	Best Practices: Manufacturing Core Exercises (MCE's)	55 m	132	Dunbar	14
S	1:50 PM	2:45 PM		55 m	136		20
2:45	PM	2:55 PM	Break	10 m			
2:55	PM	3:30 PM	Closing Session/Evaluation/Gift Distribution	20 m	132 & 136	Parker	Everyone
3	:30 PM		DAY END				

2015 North American **AMT Conference**



Advanced Manufacturing Career Pathways





Conference sponsored by **TOYOTA**









May 19-20, 2015



Program Guide

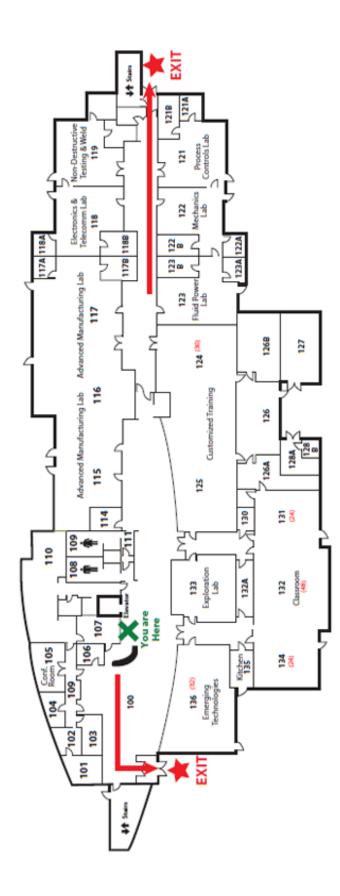
PLEASE BE SAFE DURING YOUR STAY WITH US!

No **CELL** phone use while walking No HANDS in pockets while walking Cross only at marked INTERSECTIONS. **POINT** and confirm at intersections. Use **STAIR** handrail.

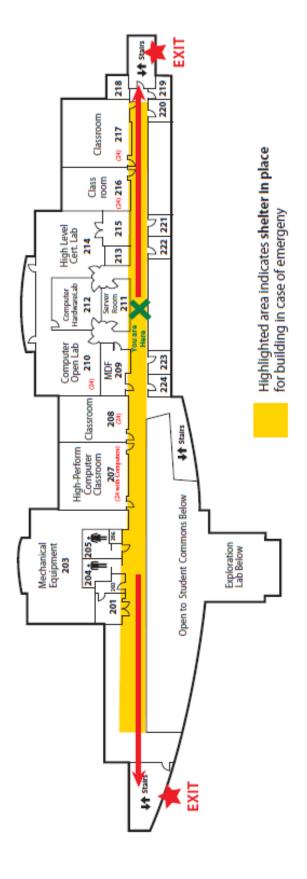
Thank you for observing our safety guidelines at the AMT Conference!

Conference Notes

Conference Notes



ATC 1st Floor Map



ATC 2nd Floor Map

Conference Ope



Tuesday, May 19,

Conference Leader: Dennis Dio Parker

- AMT Program Regional Leader
- NAPSC Assistant Manager
- Toyota Service: 27 years
- U.S. Navy Veteran

Conference Coordinator: Denis Taylor

- AMT Tool & Die Program Regional Coordinator
- NAPSC Specialist
- Toyota Service: 21 years
- U.S. Navy Veteran

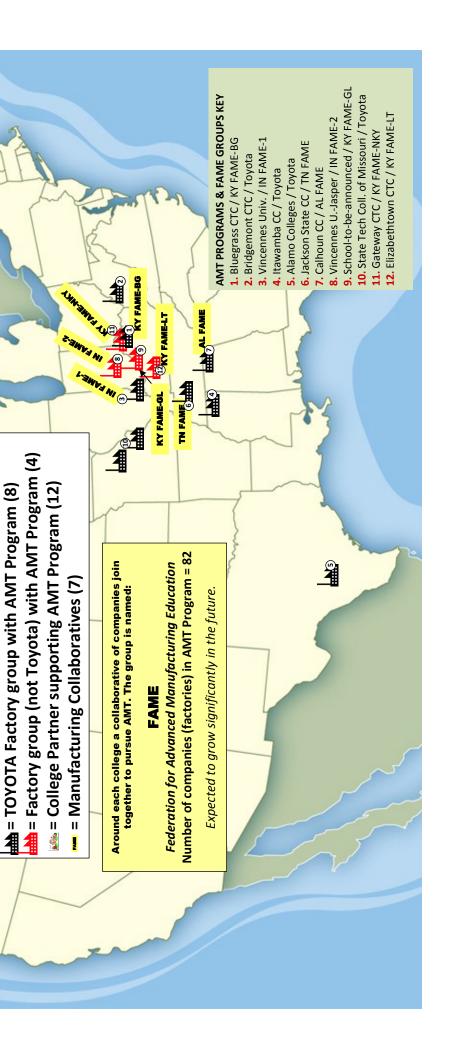
In this activity:

- **Welcome to the Conference**
- *♦ Safety Guidelines*
- **♦** Introduction to Conference & Building Assistants
- **Advanced Technology Center Notes**
- **Welcoming Speakers**
- ♦ West Virginia AMT Video

(FAME) Education Federations for Advanced Manufacturing **Program Status**

Advanced Manufacturing Technician (AMT)

ALL





Wednesday, May 20, 2:55 PM AM(35 min.)

Session Leader: Dennis Dio Parker

In this activity:

- * Conference Evaluation
- * Gift distribution
- * Conference Closing Speaker

Thank you!

Safe Travels!



Welcome: Jo Harris



Welcome: Don Stewart



Welcome: Lawrence Malone



Conference Opening Speaker James Skidmore

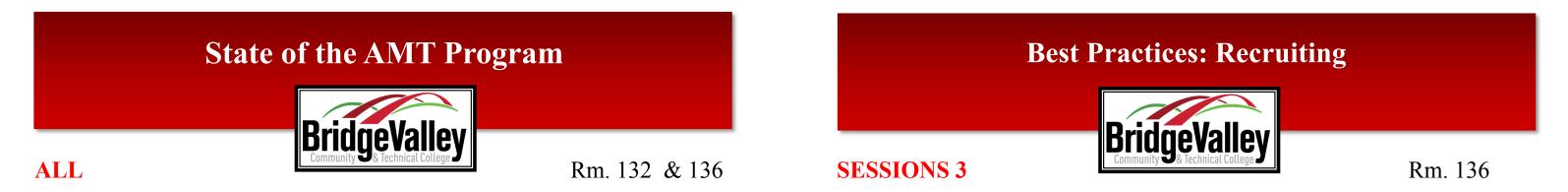
Rm. 132 & 136

 BridgeValley Community & Technical College President

• Toyota Motor Manufacturing, West Virginia, General Manager

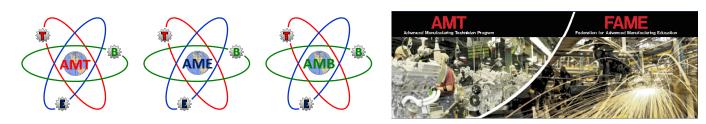
• Representing West Virginia Gov. Earl Ray Tomblin • Director of Policy, West Virginia Governor's Office

 Chancellor, West Virginia Community & Technical College System



Tuesday, May 19, 10:00 AM (50 min.)

Presenter: Dennis Dio Parker



In this activity:

- **Active Programs / Developing Programs**
- \Diamond By the Numbers
- **Ourrent Challenges**
- **Sustainment/Strengthening/Growth of the Program**
 - Dedication of the West Virginia Advanced Technology Center
 - Groundbreaking on new Kentucky school with AMT design
 - Faculty Training /Certification in the Manufacturing Core Ex.
 - Internship Growth (Update)
 - Advanced Manufacturing Engineer (AME)
 - Advanced Manufacturing Business (AMB)
 - Kentucky Goes to a New Level
- *(b) Emerging/Future Activities*
 - The Advanced Manufacturing Career Pathways
 - Engagement of the K-12 Pathway: Ready to Grow Up and Out
 - AMT Tool & Die Program
 - The AMT Academy
 - WV FAME

Session Leader:

In this activity:

- * Amy Linkous, Hahn Automation "Open Houses"



Wednesday, May 20, 1:50 PM AM(55 min.)

* Maurice Salazar, Toyota Texts, "Special Purpose Career Fairs" * Dennis Dio Parker, Toyota Motor, "KY FAME Website"



Wednesday, May 20, 1:50 PM AM(55 min.)

Session Leader: Dennis Dunbar

In this activity:

- * Jack Lewis, Toyota Kentucky, "Problem Solving Board Display"
- * Angie McCue, Toyota Alabama, "Safety Talk Cards"





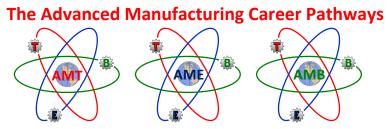
In this activity:

- lead them.
- \Diamond Primary benchmarking activity for all programs.

Presenters:

KY FAME—Bluegrass Toyota Motor Manufacturing, West Virginia **IN FAME/Princeton Toyota Motor Manufacturing, Mississippi Toyota Motor Manufacturing, Texas TN FAME IN FAME/Jasper**









Tuesday, May 19, 11:00 AM (2 hours)

ATPRICE Local AMT Programs are overviewed by the students and those who

New Programs for 2015 **MO FAME KY FAME**—Greater Louisville **KY FAME**—Northern Kentucky **KY FAME**—Lincoln Trail



Tuesday, May 19, 1:00 PM (45 min.)

Catered by : Heavenly Ham

In this activity:

- \Diamond Lunches, drinks, napkins and other items are in the lobby and hall.
- **Oracle Please eat at a location of your choice.**
- **We recommend using this as a networking opportunity. Find someone** or a group and have lunch and AMT dialogue with them.
- **Organization of Please dispose of items appropriately in recycling containers. Do not** leave empty containers, napkins, etc. for others to clean.

Thank vou!





SESSIONS 3

Session Leader: Kim Menke

In this activity:

- "Open Mike" format
- All perspectives can be heard in one discussion
- Start of an on-going national dialogue



Wednesday, May 20, 12:45 PM(2 hrs)

* A come-all open discussion about any aspect of the AMT Program Includes representatives from education, business, government



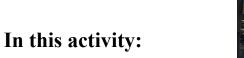
Wednesday, May 20, 12:45 PM(55 min.)

Session Leader: Carol Crawford

Session Leader: Norm Mortensen

In this activity:

- * Angie McCue, Toyota Alabama "Early Hour for MCE's"
- * Carol Crawford, Bluegrass CTC "MCE Reviews with Employers"



- **AMT Program**
- explain aspects of the campus.
- designed by NAPSC Maintenance staff.
- 2014.
- zation in the national network.
- ence to continue to benchmark this area.



AMC

Tuesday, May 19, 1:45 PM (45 min.)



* Tour the Advanced Manufacturing Center (AMC), home of the

* West Virginia AMT students and faculty will work with visitors to

* Take lots of photos! This is a primary benchmarking activity. Observe operation of the AMTEC Advanced Manufacturing Simulator, patterned after an original Basic Manufacturing Simulator

* The West Virginia Advanced Manufacturing Center is the newest facility for the program. The building was dedicated in August,

* The West Virginia AMC and associated classrooms are currently the best practice example of a model 5S/Visual Workplace Organi-

* Please return to the AMC at your leisure throughout the confer-

To the Sun, and Beyond: The AMT Program Goes to New Horizons in Kentucky

SESSIONS 1



Rm. 217

Tuesday, May 19, 2:40 (1.5 hours)

Presenters: Joshua Benton, Dianne Leveridge

In this activity:

- *learn about Kentucky's amazing scale-up of the AMT Program.*
 - **Characteristics** The Cabinet for Economic Development embraced the AMT Program as a gamechanging activity that could be leveraged to attract new business to the state.
 - The Office for Workforce Development promotes the program throughout Kentucky, develops promotional material for both students and employers, and provides a modern, well-designed website.
 - The employer collaborative at Georgetown, KY FAME, was incorporated as a state-wide organization to allow development of collaboratives anywhere.
 - Governor Steve Beshear appointed a state-wide Board of Directors for KY FAME.
 - The Kentucky Community & Technical College System (KCTCS) approved a new degree program with the AMT name.
 - **Corrent Exercises were converted to credit-bearing courses.**
 - In addition to Georgetown, new programs have been established in Greater Louisville, Northern Kentucky, and Elizabethtown. Over 40 companies are now engaged in Kentucky.
 - The program is being used to attract German business.





Best Practices: Manufacturing Floor



Wednesday, May 20, 12:45 PM (55 min.)

Session Leader: Keith Davis

In this activity:

SESSIONS 3

- * John Dotson, Toyota Kentucky, "Mentoring for Success"
- * Steve Barnett, Toyota Indiana, "Safety Dojo"





Rm. 132

Dennis Dio Parker, Toyota North America, "Passing Down the Manufacturing Core Exercises from Student-to-Student in Mississippi."

Lunch / Lunch Speaker



Rm. 132 & 136

Wednesday, May 20, 12:00 noon (45 minutes)

Speaker: Amanda Kamman

ALL

- Vice President of Development at Project Lead the Way
- B.A. Indiana University
- Certificates from the IU Lilly Family School of Philanthropy

Project Lead the Way – PLTW – is the leading STEM education provider in the U.S. and has programs in 7000 schools nationwide. PLTW has been a program partner of AMT since the inception in 2010. Ms. Kamman will speak on career pathways, the importance of STEM education, and Project Lead the Way's exciting new partnership with the College Board.



AMT Conference Welcome and Assignment



SESSIONS 1

Tuesday, May 19, 2:40 PM (45 min.)

Session Leader: Dennis Dio Parker

In this activity:

- **AMTs students are welcomed to the Conference.**
- **O** General conference expectations are explained.
- \diamond Follow-up activities after the conference are explained.
- \Diamond Questions are answered.
- *O* General discussion about the AMT Program



AMC (AMT Lab)

 \Diamond The conference "Homework" assignment is explained to AMT's.

A Manufacturing Call to Action



Tuesday, May 19, 2:40 PM (45 min.)

Session Leader: Tom Hudson, CEO, Nth Works, Inc.

SESSIONS 1

Rm. 132

ALL

Wednesday, May 20, 11:50 AM(10 min.)

Session Leader: Dennis Dio Parker

In this activity:

The U.S. technical workforce is facing a crisis. There is an inadequate number workers available, with the shortfall estimated to be 600,000 according to a study by Deloitte. Those who are available are insufficiently trained, behind the talent of our competitor nations, not ready for work, and not able to contribute to their company competitiveness at a global level. The age distribution of the current workforce is not balanced and a significant portion will be retiring in the next few years. If U.S. manufacturing and business is to remain competitive it's time for a fundamental change. Tom Hudson, a manufacturing leader who understands the problem and is ready to move to a new model, has a powerful message for employers.





In this activity:

- * Potential site of 2016 Conference
- * Host College
- * Host Manufacturing Plant





* Dates for the Third North American Conference

Veteran Recruiting BridgeValley

ALL

Rm. 132 & 136

Wednesday, May 20, 11:20 AM(30 min.)

Session Leader: Guy Parmeter

In this activity:

- * Veterans and the manufacturing skills gap
- * The Troops to Technology Workforce Development Initiative (T3WDI)
- * The T3 Application: A Smarter Way to Hire the Right People



SESSIONS 1

facturing Campus, Bluegrass Community & Technical College

In this activity:

- gram.







Rm. 216

Tuesday, May 19, 2:40 PM (2 hrs 35 min.)

Session Leader: Carol Crawford, Campus Director, Advanced Manu-

Arrow Representatives from AMT-hosting colleges gather to discuss the pro-

 \diamond This is the first College Roundtable conducted in the program. \Diamond Representatives from other colleges are welcome to also attend.

TOYOTA Plant Tour



Lobby Off-site

SESSIONS 1

Wednesday, May 19, 2:40 PM (2 hrs 35 min.)

Session Leader: Sandy Maynard

In this activity:

- * Travel from the ATC to Buffalo, West Virginia to visit and tour a Toyota engine plant.
- * Transportation is provided.
- * Connect with AMT work and projects on the manufacturing floor.
- * Return to the ATC following the tour.







leynote Speaker





Rm. 132 & 136

AMT Student K





AMT Track

Session Leader: Otto Holder

In this activity:

- * Ice-Breaker activity to assist initial interaction.
- Cell phone pics to share with te AMT region.

Speaker: Cody Cunningham

ALL

Wyoming East High School, New Richmond, WV -Graduated 2011

Wyoming County Career & Technical Center, Pineville, WV

Wednesday, May 20, 10:50 AM (30 minutes)

-Robotics Certificate of Excellence - 2013 -Electronics Certificate of Excellence – 2013 -1st Place WV Skills USA Mobile Robotics Competition – 2013 2nd Place National Skills USA Mobile Robotics Competition – 2013

AMT Program: July 22, 2013 – May 8, 2015

GPA: 3.81 Work Areas: AT Aluminum Machining AT Final Assembly ZR (4 Cylinder Engine Plant) Seibi Group



Tuesday, May 19, 3:35 PM (45 minutes)

* AMT students have informal social time to meet and network.

The New AMT Tool & Die Program



SESSIONS 1

Rm. 132

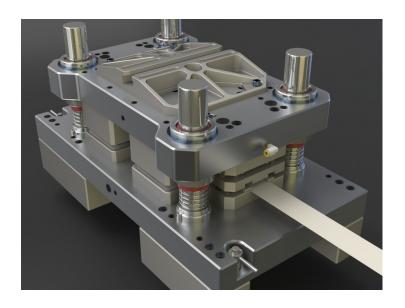
Tuesday, May 19, 3:35 PM (45 min.)

Session Leader: Denis Taylor, Toyota Specialist, Program Leader

Current Tool & Die Programs are both difficult to access for many employers, and are not competitive with programs in Europe, creating a competitive disadvantage for U.S. companies. Toyota is establishing a new program that will be national in scope and will produce global level technician quality. Other employers will be welcome to join the effort.

In this activity:

- * **Program overview**
- * Program enrolls first students in August, 2016.
- * Program uses local talent but a national school.





Wednesday, May 20, 9:45 AM(55 min.)

Session Leader: Dennis Dio Parker

In this activity:

SESSIONS 2

- * Importance of the Professional Behaviors
- work, Communication (verbal/written)
- **Behaviors**
- * Assessment of the Professional Behaviors.



Faculty Training: Developing AMT's in the Professional Behaviors

Rm. 136

* Overview of the AMT Professional Behaviors Attendance, Initiative, Diligence, Interpersonal Relations, Team-* Techniques and tips for effective development of the Professional

Tracking Floor Training for Maximum Performance



SESSIONS 2

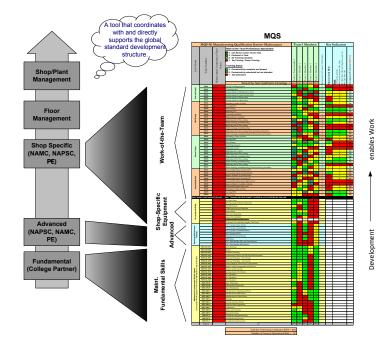
Rm. 132

Wednesday, May 20, 9:45 AM(55 min.)

Session Leader: John McBride

In this activity:

- * Benefits of having a documented plan for training team members, and especially AMT students, during their time on the manufacturing floor.
- * Best ways for planning what training/tasks/experiences that team members/AMT's should do.
- * Examples of documented plans, lists of tasks to accomplish, etc.
- * Managing AMT training on the floor to ensure that goals are met.



FAME Information Meeting



Special Activity

Session Leader: Kim Menke, Manager, Toyota External Affairs

In this activity:

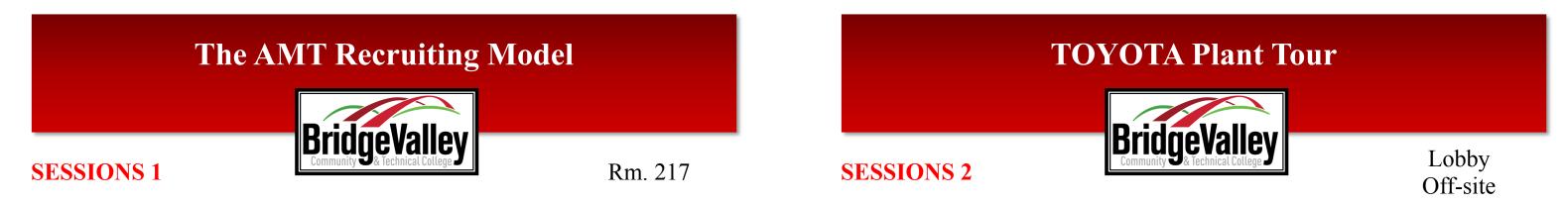
- tails of the program and how it works.



Rm. 136

Tuesday, May 19, 3:35 PM (1 hr 45 min.)

* West Virginia employers attend an information meeting about the AMT Program and the WV FAME employer collaborative. * Companies interested in sponsoring AMT students can learn de-



Wednesday, May 19, 4:30 PM (45 min.)

Session Leader: Dennis Dio Parker, Toyota Motor North America

The AMT recruiting model is a paradigm shift from the norm that has been in use for decades. Current models typically don't select students who are ready to be global quality technicians. As new AMT Programs start many continue to use the practices which have always been used. In a fast, content heavy program like AMT this can produce problems with students having the skills to keep up.

In this activity:

- * Review of the AMT Program goal for the Next Generation Technician.
- * Overview of the principles and practices of recruiting in the AMT Program, what works, and what does not work.
- * Survey of current practices which can strengthen AMT recruiting.

Go for the Best

If no one else is trying to recruit your prospective student, then why are you?





Session Leader: Sandy Maynard

In this activity:

- Toyota engine plant.
- * Transportation will be provided.
- Return to the ATC following the tour.





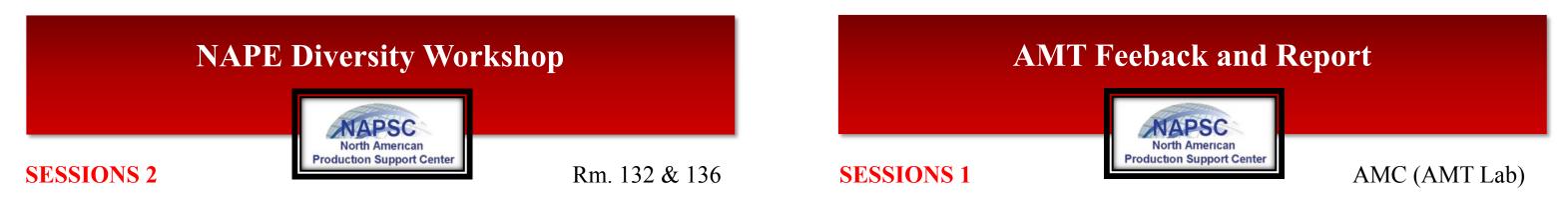
Wednesday, May 20, 8:40 AM(2 hrs 10 min.)

* Travel from the ATC to Buffalo, West Virginia to visit and tour a

Connect with AMT work and projects on the manufacturing floor.







Wednesday, May 20, 8:40 AM (1 hour)

Session Leader: Elizabeth Tran

Stereotypes and Self-Efficacy: Using the Power of Mirco-Affirmations to Diversify Student Participation in Advanced Manufacturing Technology

Stereotypes abound in schools, training programs, and the workforce, and while the harm caused by stereotypes is often unintentional, the end result leaves students with a decreased sense of self-efficacy, which discourages them from pursuing that program or pathway. As a result, college recruiters and employers left wanting when trying to diversify the ranks of individuals qualified to engage in the high-skill, high-demand careers of the 21st century.

During this workshop, participants will be: 1) introduced to NAPE's Micromessaging framework; 2) encouraged to think critically about their institution or workplace climate; and 3) better equipped to identify barriers to engagement and participation in their programs. Participants will leave the workshop with actionable strategies to foster an atmosphere of inclusion by harnessing the power of micro-affirmations, which are designed to increase students' self-efficacy and ultimately increase participation in advanced manufacturing and other STEM careers.







Session Leaders: Denis Taylor

In this activity:

- - back for the improvement of the program.
- - * Strengths
 - * Weaknesses
 - **Opportunities**
 - * Threats
- Feedback will be provided to program leaders



Tuesday, May 19, 4:30 PM (45 minutes)

* AMT discuss the AMT Program, work in teams, and produce feed-* Feedback will be gained using a "SWOT" analysis

The Nth Works Experience: Old Bread in a New **Package is Still Old Bread**

SESSIONS 1



Rm. 132

Wednesday, May 19, 4:30 PM (45 min.)

Session Leader: Tom Hudson, CEO, Nth Works

New educational programs are often wrapped up in bright terms which promise great results. One employer, Nth Works, partnered in such a new program, designed to the dual apprenticeship European style. It was featured in news articles. The actual result delivers a bell-ringing message for U.S. employers. It did not succeed as planned. Learn in this session what occurred and the lessons that employers can take to ensure a better result.

In this activity:

- * Description of the "new" work-study program.
- What happened? Why?
- * Lessons

"Louisville Manufacturer Launches High School Apprenticeship"

"nth works Partners with Kentucky Labor Cabinet to Pilot Manufacturing Apprentice Program.

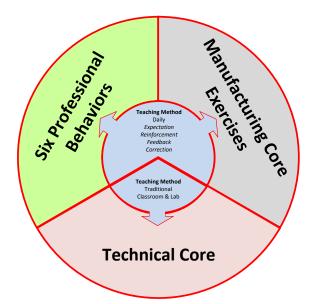


Session Leader: Dennis Dio Parker

In this activity:

SESSIONS 2

This session will highlight the ideal AMT instructor. One of the most profound paradigm changes of the AMT Program is the role and the practice of the college faculty instructor. The current model of instruction does not produce the most highly educated and work ready graduate. Some faculty in the AMT Program have adhered to traditional practice, resulting in under-achieving students, while others have successfully transitioned and are models for the new instructor. The result is seen in the advanced capability of their AMT students.



The AMT Faculty Instructor

Rm. 136

Wednesday, May 20, 8:40 AM (55 minutes)



2nd North American AMT Conference

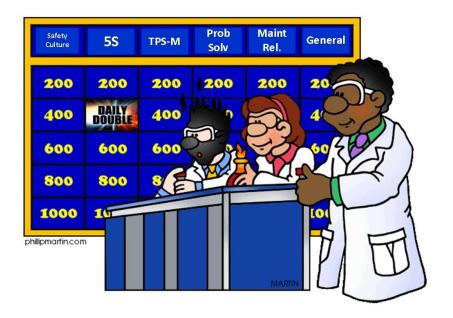


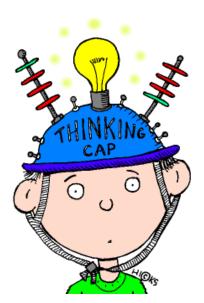
Wednesday, May 20, 8:40 AM (55 minutes)

Session Leader: Dennis Dunbar

In this activity:

- * AMT Teams play Jeopardy
- * Focus is the Manufacturing Core Exercises and other AMTrelevant info.
- * Lots of fun, even for observers!









Wednesday May 20 2015

Conference 2nd Day Welcome



Rm. 132 & 136

Wednesday, May 20, 8:00 AM (30 min.)

In this activity:

ALL

- **Welcome to the 2nd Day**
- **Agemda Overview**
- **Questions/Comments**
- *♦* Speaker



Executive Speaker

Norm Bafunno

• President, Toyota Motor Manufacturing, Indiana



Managing AMT Floor Development



Wednesday, May 20, 8:40 AM (55 min.)

Session Leader: Ray Niehaus, Vincennes University

In this activity:

SESSIONS 2

- * Panel Discussion
- * Hand-out: Top Advice from Panelists
- * Panel
 - * Mike Howard, Toyota West Virginia
 - Maurice Salazar, Toyota Texas
 - Angie McCue, Toyota Alabama
 - John Dotson, Toyota Kentucky



Rm. 132

* Matt Brown, AMT Graduate, now Toyota employee