

# Miami Valley Tech Prep Spring Coordinator Meeting

**Sinclair College**  
March 3, 2016



# Welcome & Introductions

Dr. Dave Collins

Provost for Instruction, Sinclair College



# Tech Prep Coordinator Meeting

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March 3, 2016



# Why Tech Prep?

- College ready
- Career-focused
- 12% of Sinclair's total enrollment in 2014-15

# Mid-Biennium Review

- Baccalaureate Degrees
- 3 + 1 Degrees
- Competency-Based Education
- Tweaks to CCP Legislation

# Strategic Initiatives

- Unmanned Aerial Systems
- Health Sciences
- Information Technology
- Advanced Manufacturing
- G4 Integrated Student Services
- Expanded Articulation Agreements

# **External Forces Impacting Sinclair**

- 65-Hour Limit
- Tuition Freeze
- Developmental Education
- 5% Tuition Challenge

**Thank you for your  
continued support of  
Sinclair and the Miami  
Valley Tech Prep  
Consortium!**



# Tech Prep & College Credit Plus

Dr. Annesa Cheek

Vice President School and Community Partnerships, Sinclair College

Melissa Tolle

Director of College Credit Plus, Sinclair College



# **COLLEGE CREDIT PLUS UPDATE**

## **Tech Prep Coordinator Meeting**

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March 2016



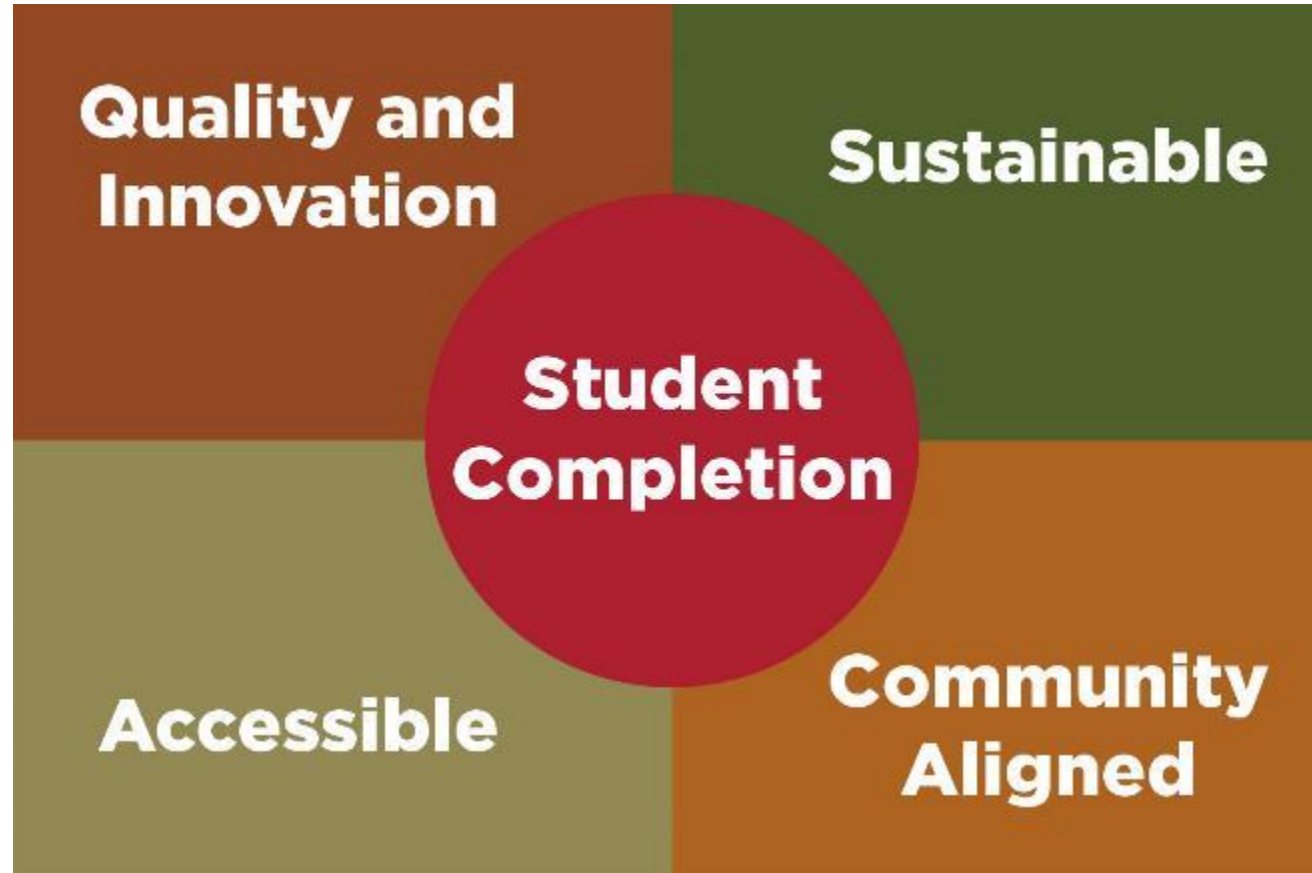
# AGENDA

- State Updates on CCP
- Sinclair Updates
- Next Steps for CCP
- Discussion

# State Updates on CCP

- ODE verification of enrollment 2015-16 and CTC's
- [Impact of Withdrawal and Failures](#)
- Summer Semester
- Updated, annual agreements

# SINCLAIR STRATEGIC FOCUS



# **Sinclair College Overview: CCP**

- CCP Tuition Rates
- Textbooks
- Teacher Credentialing / Faculty Fellows
- Program Pathways / Completion 13+ hours
- CCP Completion Scholarship
  - 30 CCP hours at Sinclair
  - 3.0 GPA at Sinclair

# CCP Next Steps

- **Sinclair CCP Advisory Group**
  - Aligning K-12 and Sinclair
  - Sinclair CCP process improvement
  - Policy evaluation / feedback
- **2016 – 2017 Planning**
  - Planning meetings now thru end of March
  - Parent Meeting must be held by March 30<sup>th</sup>
  - Student Intent to Participate must be by April 1<sup>st</sup>
  - Sinclair's Application deadline is May 1<sup>st</sup>
  - End of year reporting in June

# DISCUSSION

- What's working?
- What do we need to pay attention to?
- Questions?



# Tech Prep Application Conversion & Sinclair Summer Incentive

Janet Schmitt, Director of Enrollment Management and Marketing



# Tech Prep Collaboration with Workforce Development & Corporate Services

Jim Hill, Ohio TechNet Project Manager

Chad Bridgman, Internship Coordinator SME, Sinclair College



# Accelerate MFG

Developing new flexible education pathways  
to meet the Advanced Manufacturing workforce  
needs of the Dayton Region





# The skilled worker pipeline



# Career Opportunities in Machining

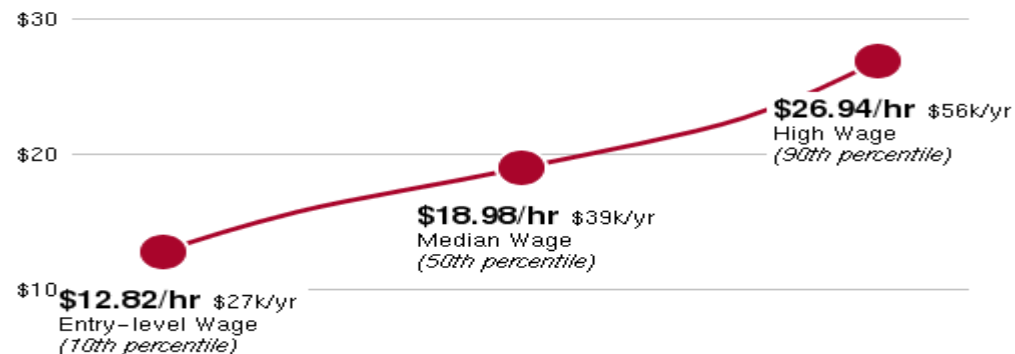
## Machinist

 All career data is set to your current geographical area: [up to 50 miles away from 45402](#)

 [Bookmark](#)

[Download PDF](#)

### ▼ Wage



### ▼ Employment

**9,507** Employed in your area

**279** Estimated annual job openings

**2,568** Approaching retirement age

The average retirement age in the U.S. is 65 years old. Machinists in the 55-64 and the 65+ categories are 1-10 years away from retirement. When older workers retire, there will likely be a demand for new workers.


Age Group	# of Workers	% of Workers*	
under 25	507	5%	<div></div>
25-34	1,384	15%	<div></div>
35-44	1,963	21%	<div></div>
45-54	3,085	32%	<div></div>
<b>55-64</b>	<b>2,183</b>	<b>23%</b>	<div></div>
<b>65+</b>	<b>385</b>	<b>4%</b>	<div></div>

\* Based on county-level occupational demographics



# Career Opportunities in Maintenance

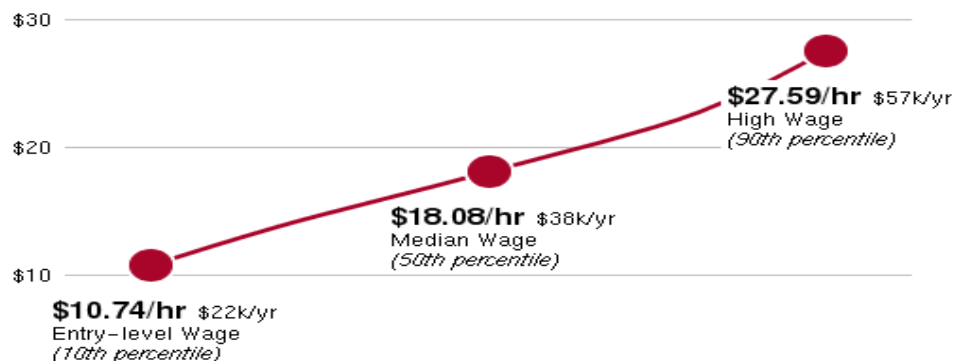
## Maintenance and Repair Worker, General

 All career data is set to your current geographical area: [up to 50 miles away from 45402](#)

 [Bookmark](#)

[Download PDF](#)

### ▼ Wage



### ▼ Employment

**14,483** Employed in your area

**384** Estimated annual job openings

**4,058** Approaching retirement age

The average retirement age in the U.S. is 65 years old. Maintenance and Repair Workers, General in the 55-64 and the 65+ categories are 1-10 years away from retirement. When older workers retire, there will likely be a demand for new workers.

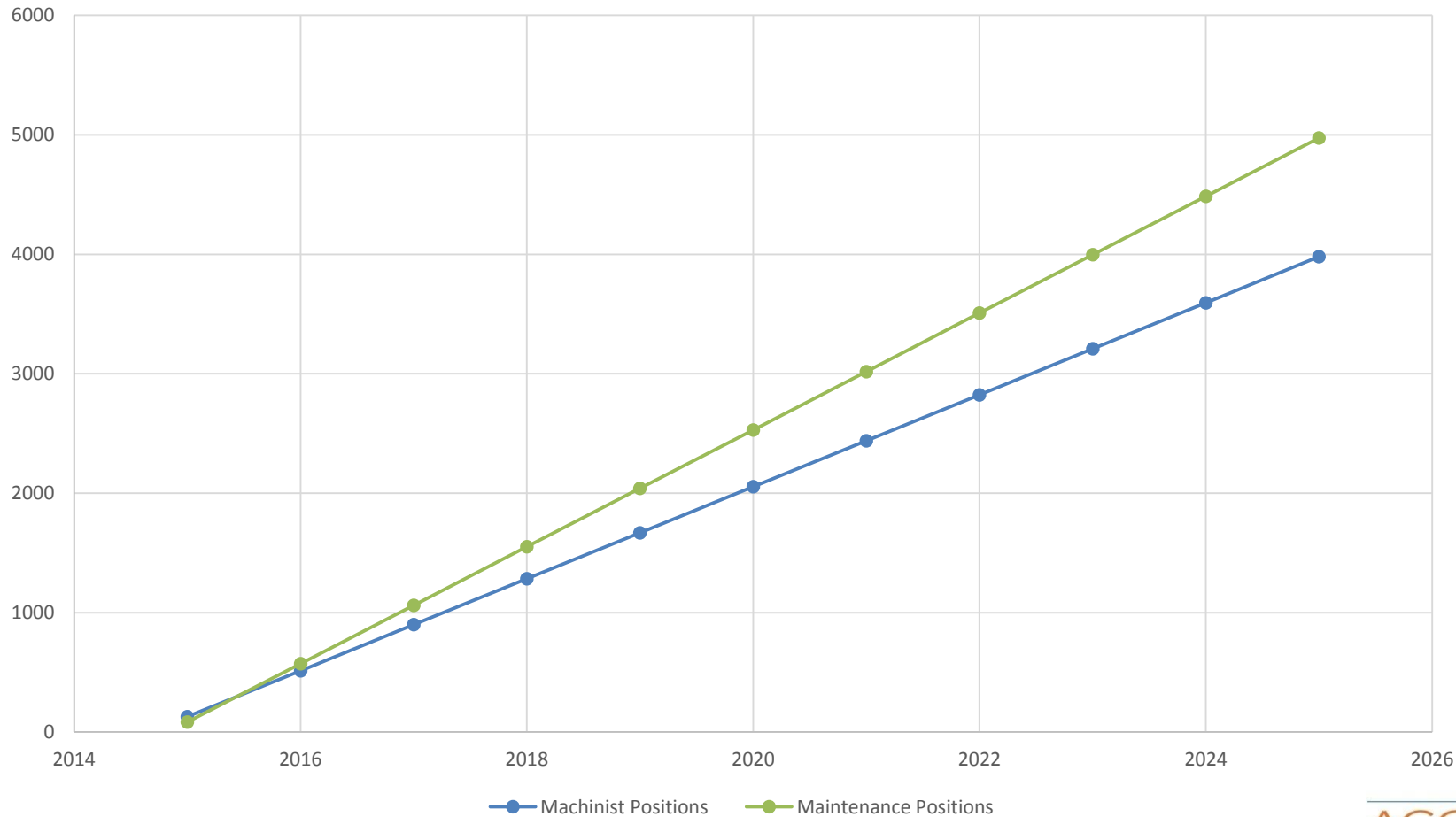
Age Group	# of Workers	% of Workers*
under 25	774	5%
25-34	2,046	14%
35-44	3,032	21%
45-54	4,573	32%
55-64	3,228	22%
65+	830	6%

\* Based on county-level occupational demographics



# Projected Regional Employment Shortfall

Projected Gap Fueled by Retirements





# Regional Machinist Pipeline

- **Assume that one tenth of 2,558 Machinists age 55+ retire annually over the next 10 years.**
- **Assume that the pipeline of new machinists stays constant.**
- **The deficit of machinists grows to more than 2000 people in 2020**
- **The deficit of machinists grows to about 4000 people in 2025**
- **The estimate of lost revenue to Dayton manufacturers = \$4.5 billion\***

\*based on \$200,000/revenue per employee  
(it does not account for lost wages, taxes.....)

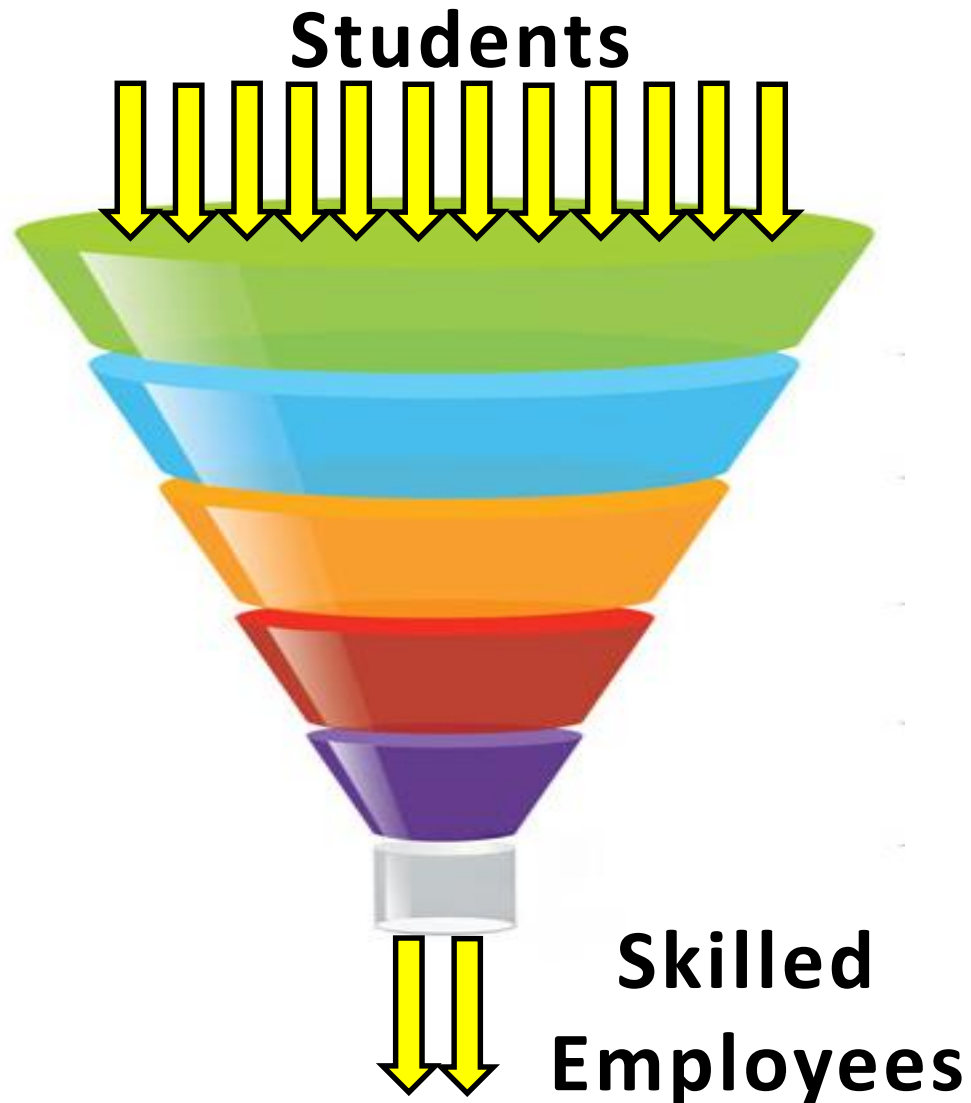




# Regional Maintenance Pipeline

- **Assume that one tenth of 4,058 employees age 55+ retire annually over the next 10 years.**
- **Assume that the pipeline of new employees stays constant.**
- **The deficit of maintenance techs grows to more than 2529 people in 2020**
- **The deficit of maintenance techs grows to about 4974 people in 2025**

# Filling the Skilled Manufacturing Worker Pipeline



Student Prospects

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Screen for aptitude

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Enroll in Education/Training

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Successful Completion

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Internship/Employment

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Screening/Hiring

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Employer Retention



# Our Solution



## How can Accelerated Pathways Help?

- **Online/Hybrid** approach makes learning more flexible for students
- **Flex-paced** means students move at their own rate
- **CBE (Competency Based Education)** – allows students to accelerate
- **Rolling starts** – you don't have to wait another 16 weeks to begin
- **You don't have to quit life to earn a certificate and be employed in a high-demand career in manufacturing!**



# Programs



## Industrial Maintenance

### Green Level Certificates

- Maintenance Fundamentals
- Industrial Mechanics

### Yellow Level Certificates

- Industrial Electricity
- Industrial Fluid Power

### Red Level Certificates

- Industrial Controls and PLCs

### Blue Level Certificates

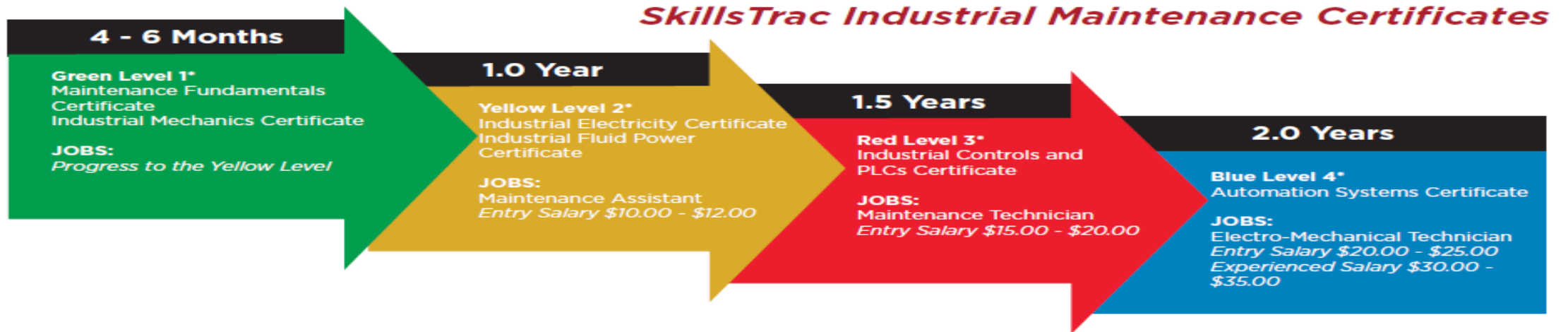
- Automation Systems

## CAM—Basic Machining

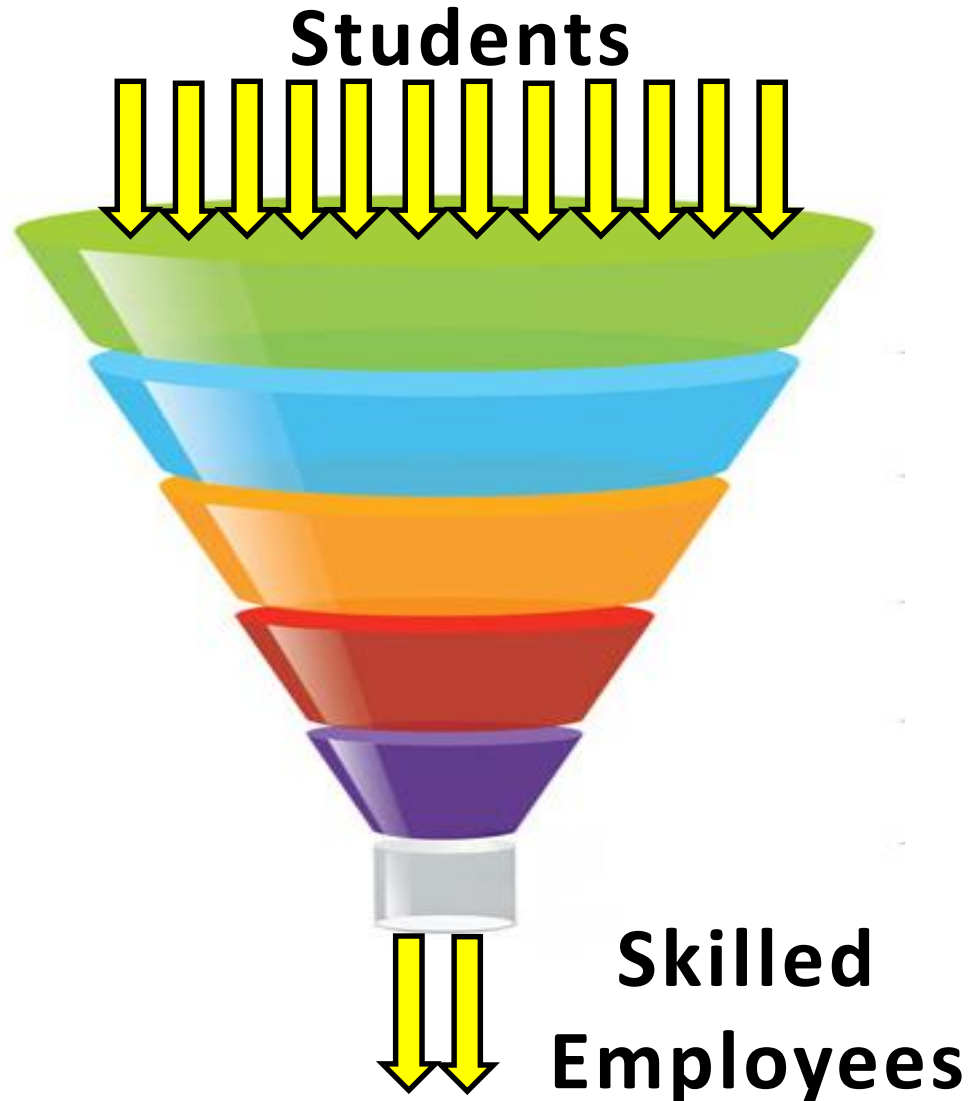
### Courses:

- **CAM 1116** - Fundamentals of CNC
- **CAM 1141** - Shop Floor Calculations I
- **CAM 1109** - Fundamentals of Tooling and Machining
- **MET 1131** - Personal Computer Applications for Engineering Technology
- **OPT 1100** - Tooling and Machining Metrology

# Manufacturing Career Pathways



# How do we fill the funnel? – Full Engagement



Tech Prep Students

Existing Manuf. Workers

Unemployed

Underemployed

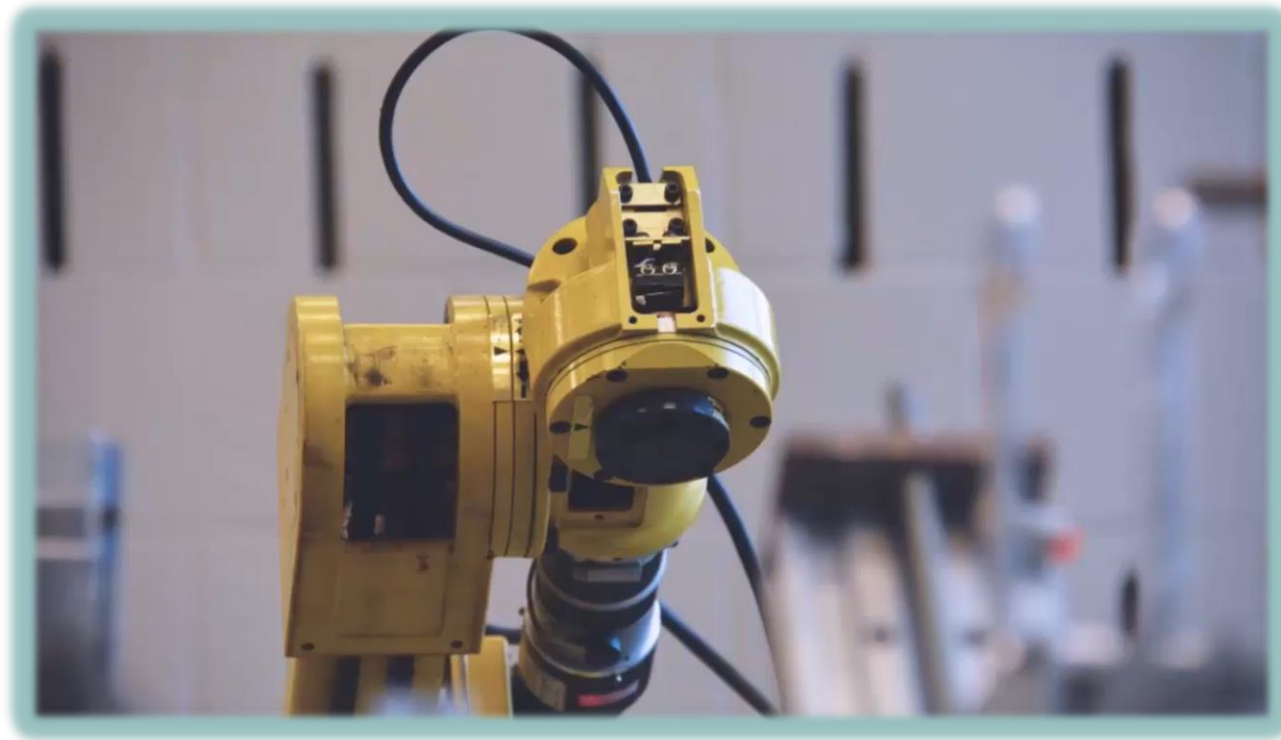
New Career Seekers

Others?

***We have to get better!***

# ***Accelerate*** **MFG**

Advanced Manufacturing Education



# ACCELERATE

[www.workforce.sinclair.edu/accelerate](http://www.workforce.sinclair.edu/accelerate)



# MFG™

## Contact:

Jim Hill

Ohio TechNet Project Manager

937.512.3195

[jim.hill@sinclair.edu](mailto:jim.hill@sinclair.edu)

Jessica Stumpff

Academic Coach

937.512.3765

[jessica.stumpff@sinclair.edu](mailto:jessica.stumpff@sinclair.edu)



Filling the pipeline of manufacturing workers to meet the needs of industry!

[workforce.sinclair.edu/accelerate](http://workforce.sinclair.edu/accelerate)





# New Sinclair Health Sciences Facility

Rena Shuchat, Ed.D., Dean of Health Sciences, Sinclair College



# **Health Sciences**

**Rena Shuchat, Dean**

# Health Sciences Degrees and Certificates Awarded Over the Past Five Years

## ASSOCIATE DEGREE PROGRAMS

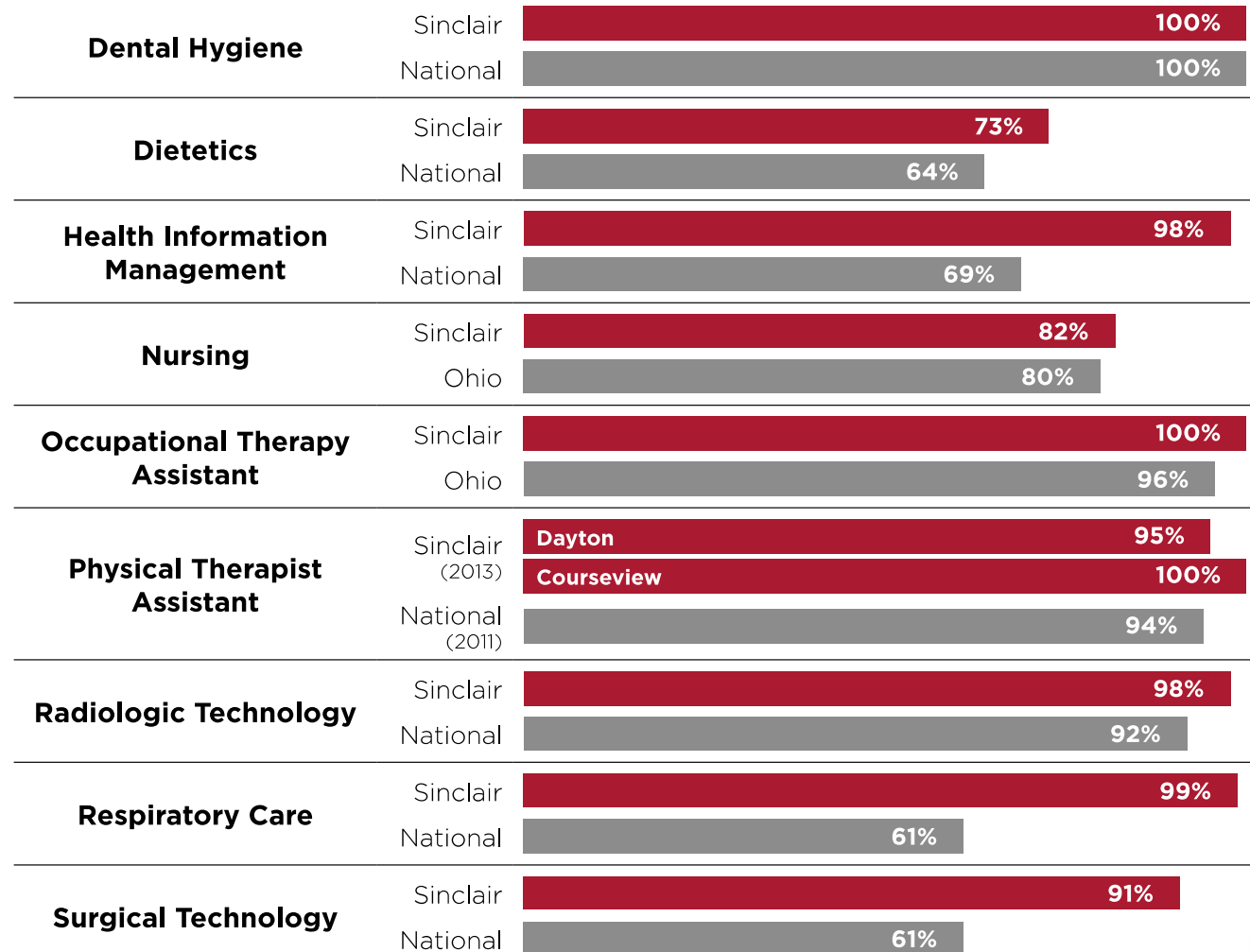
1. Clinical Laboratory Technology	NEW
2. Dental Hygiene	125
3. Dietetic Technician	109
4. Exercise Science	46
5. Health Information Management	181
6. Health Sciences	19
7. Medical Assistant Technology	139
8. Mental Health Technology	153
9. Mental Health Technology— Chemical Dependency	110
10. Nursing (R.N.)	849
11. Occupational Therapy Assistant	137
12. Physical Education—Sport & Recreational Management	46
13. Physical Therapist Assistant	142
14. Radiologic Technology	179
15. Respiratory Care	115
16. Surgical Technology	62
17. Veterinary Technician	25

## CERTIFICATE PROGRAMS

Activities	
1. Programming in Long-Term Care	22
2. Advanced Pharmacy Technician	NEW
3. Chemical Dependency Counseling	17
4. Clinical Phlebotomy	253
5. Coaching	20
6. Computed Tomography	NEW
7. Dental Assisting	NEW
8. Dietary Manager	120
9. Electrocardiography	316
10. Exercise Specialist	70
11. Expanded Functions for Dental Auxiliaries	185
12. Healthcare Navigator	NEW
13. Lifestyle Wellness Coaching	NEW
14. Magnetic Resonance Imaging	NEW

15. Medical Office Coding & Billing Specialist	364
16. Medical Office Receptionist	249
17. Medical Scribe	NEW
18. Nurse Aide Training	704
19. Pharmacy Technician	312
20. Reimbursement Specialist	15
21. Residential Technician	1
22. Special Medical Imaging	NEW
23. Specimen Processing	21
24. Sterile Processing Technology	NEW
25. Tissue Banking Technologist	27

# Sinclair Passage Rates on State and National Exams\*



\*All data are 2014 Sinclair and state/national average pass rates unless otherwise noted.

# **Sinclair Graduates See 114% Increase in Earnings the First Year After Graduation**

**(2012-13 Associates Degree Graduates = 1,477)**

**Median annual pay  
before graduation = \$17,500**

**Median annual pay the  
year after graduation = \$37,400**

Source: ODJFS and NSC data and BLS

**Median annual pay for a  
healthcare graduate =  
\$48,000**

Source: BLS

# **Development of a Health Sciences Strategy**

# Strategy Partners



- Peter Capone, President of Peter Capone Design, LLC
- Pam McCue, RN, MS, CEO Rhode Island Nurses Institute of Middle College
- Craig Rider, President of The Rider Group
- Tom Sens, Higher Education Client Leader, BDHP Architecture



# VISION



**By 2020, Sinclair will lead the charge in educating a world-class inter-professional healthcare workforce that:**

- Realizes a patient-centered, coordinated care model
- Promotes health and wellness
- Uses state-of-the art simulation and technology
- Anticipates and adapts to an ever-changing system
- Supports public healthcare needs
- Ensures alignment with regional workforce demands
- Provides a regional healthcare convening space

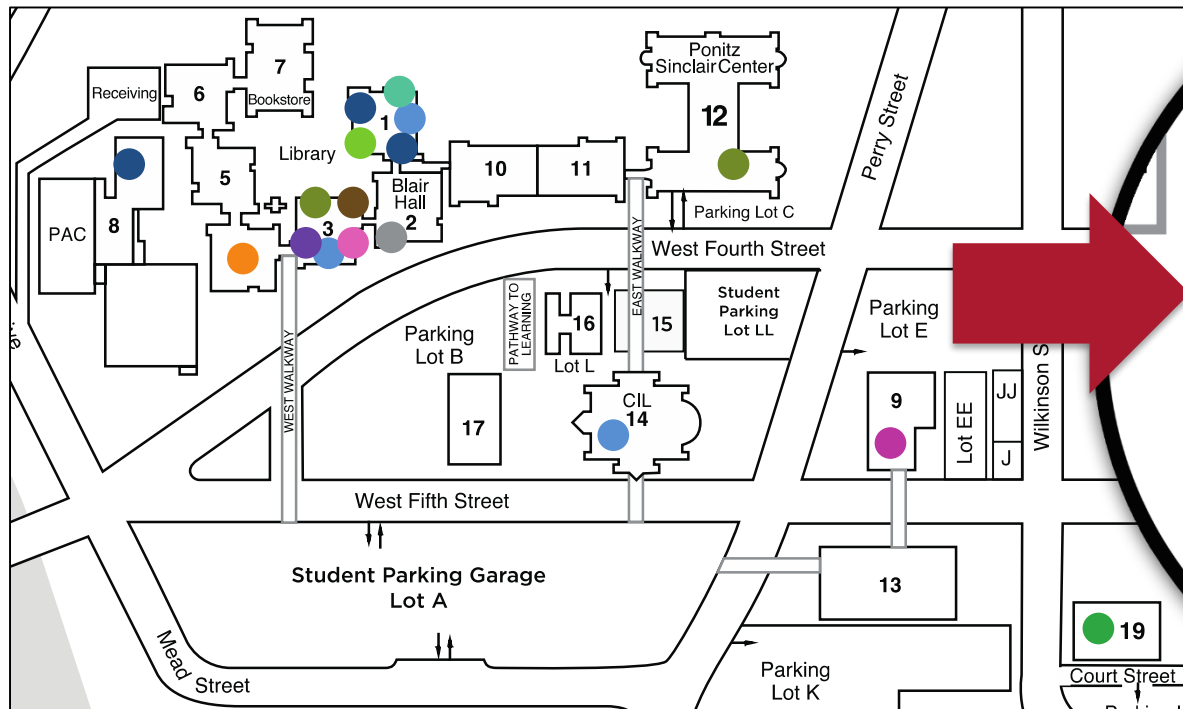
# Sinclair College

## Health Sciences Strategy

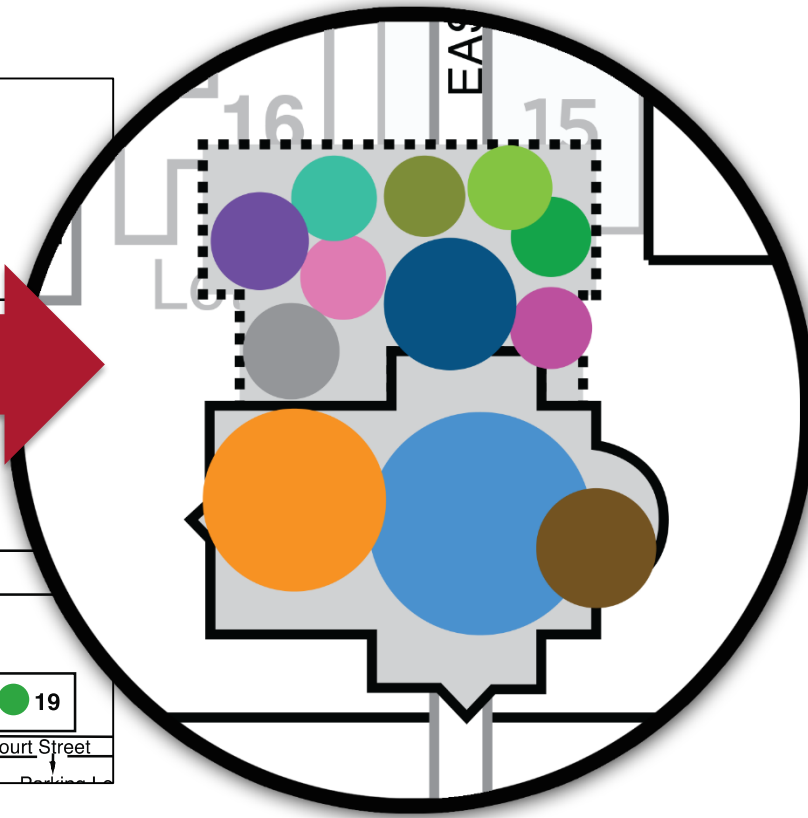


# Facility Renovation

# Existing Programs Location



# Program Convergence





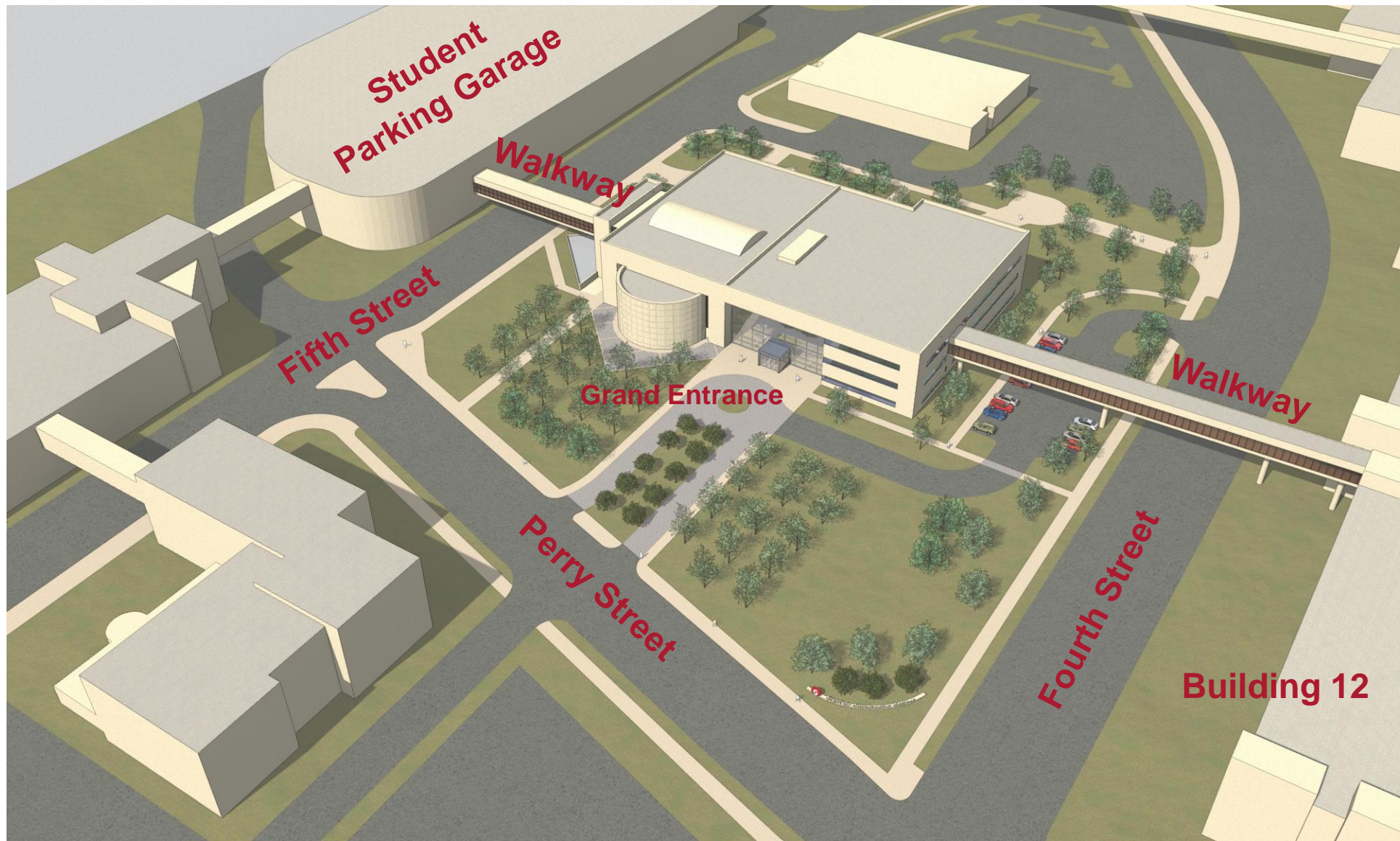
**HEALTH SCIENCE CENTER**  
SINCLAIR COMMUNITY COLLEGE  
DAYTON, OH



**Kahler Slater**  
experience design













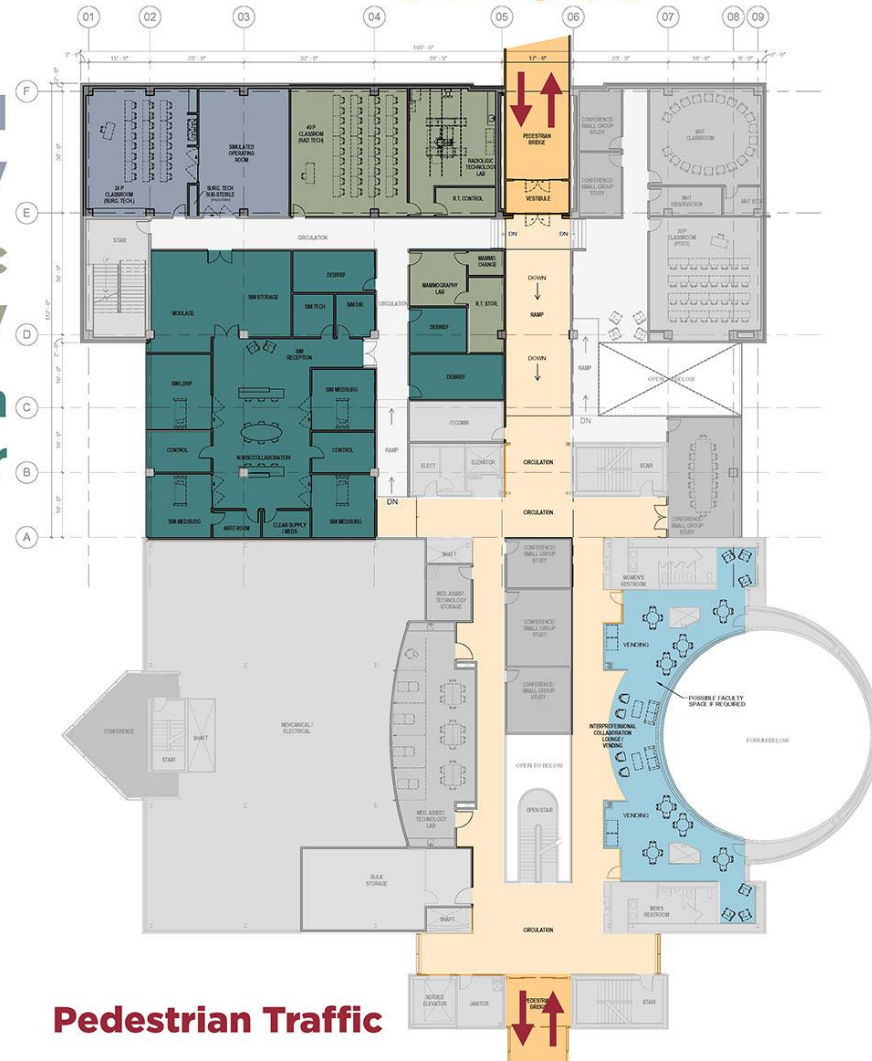


# Second Floor

## Simulation Center

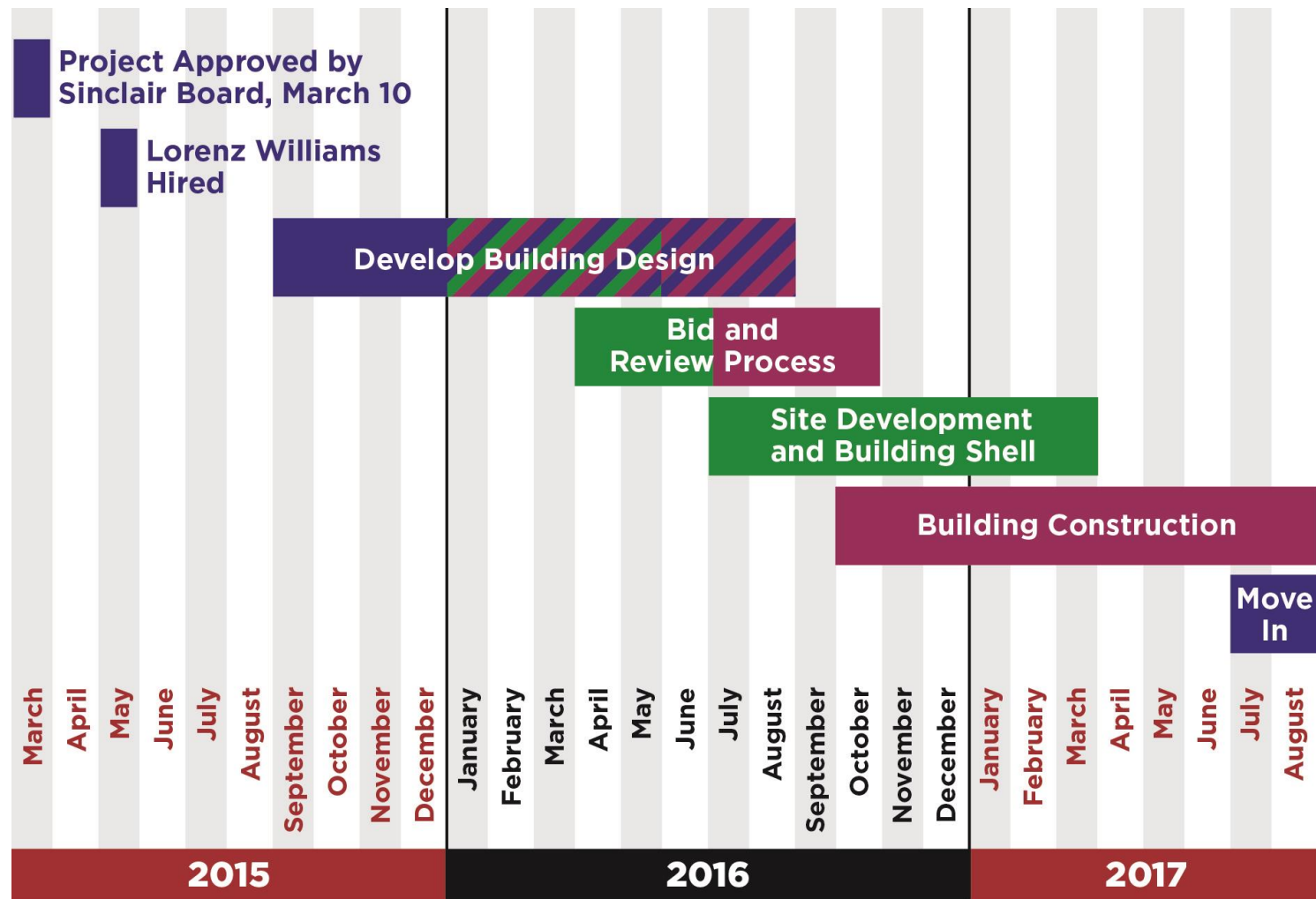
## Convening Space

## Pedestrian Bridge (to Student Parking Garage)





# Project Timeline





# Questions?



# Potential JROTC Addition to MVTPC

Dr. Sue Merrell Daley, Dean of Business and Public Service, Sinclair College

Elizabeth Orlando, Assistant Dean Business and Public Service, Sinclair College

Wendell Meyers, Director, MVTPC





The MVTPC would like to entertain the inclusion of high school JROTC programs in the Miami Valley Tech Prep Consortium for the fall of 2016. We hope that you will consider the addition of JROTC as a career development pathway in your schools.

## Miami Valley Tech Prep Consortium JROTC FAST FACTS

<b>17</b>	Local high schools currently have JROTC programs.
<b>11</b>	Schools are members of the MVTPC in FY2016 (4 Air Force; 5 Navy; 1 Marine Corps; 1 Army)
<b>185+</b>	Senior students could be eligible for the \$3000 Tech Prep Scholarship
<b>1320+</b>	JROTC students will have the opportunity to connect to post-secondary programming at Sinclair
<b>84</b>	Number of approved degree or certificate options in JROTC on the scholarship crosswalk for fall of 2016
<b>\$30</b>	Per student cost to the partner district for the above benefits to their students.



444 West Third Street | Dayton | OH 45402-1460 | P: (937) 512-5146 | F: (937) 512-2194 | [www.mvtechprep.org](http://www.mvtechprep.org)

Dear valued partners,

I look forward to seeing you at our next Governing Board meeting. In advance of the meeting, I wanted to bring to your attention one of the topics the board will discuss. We would like to entertain discussion of the inclusion of high school JROTC programs in the Miami Valley Tech Prep Consortium. I hope that you will all consider the addition of JROTC as a career development pathway for your schools.

In speaking with the Ohio Department of Education, it is clear that they will support this endeavor as long as JROTC is not referred to as a career technical program or receives CTE funding. JROTC is a developed pathway program and has a revenue stream from the federal government that cannot be duplicated through CTE. As a non-CTE program, no CTE26, CTE36 or web exam documentation is required. Our recommendation to the governing board would be for Sinclair to accept the current JROTC/High School Teacher Certification guidelines for program qualifications. Program inclusion with MVTPC would begin in the 2016-2017 school year.

Possible pathway alignments to Sinclair College include:

Air Force JROTC Programs through Aviation  
Army/Navy through Science, Math, and Engineering (SME) and Business and Public Safety (BPS).

There are several advantages to offering JROTC as a Miami Valley Tech Prep Consortium Program. They include:

1. Opportunity to connect current and potential JROTC students to post-secondary programming at Sinclair.
2. Qualifying students would be eligible for the Miami Valley Tech Prep \$3000 scholarship.
3. JROTC Programs accepted as non-Career Tech Program may have the opportunity to earn Articulation and Proficiency Credit.
4. Waiver will be given by Sinclair Community College stating that JROTC pathway completers would be eligible for the Tech Prep Scholarship.
5. The external and internal partners JROTC Summit is scheduled for April 14, 12 to 3pm, Building 20, Rm 121

There are 84 approved degree or certificate options in JROTC on the scholarship crosswalk for 2016-2017. Possible pathway connections include:

Associate of Science – Engineering - University Transfer	Homeland Security Short-term Technical Certificate
Biotechnology - Associate of Applied Science (AAS)	Mechanical Engineering Technology - AAS
Business Administration Associate of Science	Paramedic
Business Management/Supply Chain Management - AAS	UAS First Responders
Computer Information Systems/Secure System -	UAS Precision Agriculture
Administration Associate of Applied Science	Unmanned Aerial Systems
Cyber Investigation One-Year Technical Certificate	Unmanned Aerial Systems Certificate

Partner districts would be responsible for hiring an instructor and curriculum development through the appropriate Armed Services JROTC program, and the \$30 per student fee for the MVTPC.

Thank you, as always, for your valued input.

Wendell Meyers





#### JROTC Interim Policy through 2016-2017 School Year

- I. To be eligible for Tech Prep tuition break or to access Tech Prep services:
  1. The student must be actively enrolled in the Tech Prep system during the current year the service is provided. Tech Prep services include but are not limited to the following: Articulated or Proficiency courses, registration, Accuplacer testing, credit processing, campus visits, orientations, Tech Prep Showcase, and Getting Ready for College.
  2. The school must register each student any school year the student is active grades 9 through 12.
  3. The high school must complete course verification by indicating a "Y" (yes) on a transmittal form confirming that the student has completed JROTC course requirements listed below.
- II. 2016/2017 graduating class must meet the following requirements by end of the senior year to be considered Tech Prep:
  1. A registration must be received prior to accessing services in any given school year.
  2. Student must maintain an active enrollment status during the year(s) services are accessed.
  3. To be eligible for the Tech Prep Scholarship students must complete a-d below:
    - a. A registration must be received prior to accessing services in any given year. Students must be registered with Tech Prep Office no later than fall of the senior year.
    - b. Maintain an active enrollment status during the year(s) the student accesses services (e.g., Articulated or Proficiency courses, registration, Accuplacer, credit processing, campus visits, orientations, Tech Prep Showcase, Getting Ready for College).
    - c. Complete 2 program JROTC high schools courses with a grade of "C" or better by the end of the senior year; however, MVTPC prefers completion of 3 program courses with a grade of "C" or better by the end of the senior year.
    - d. Attain a cumulative grade point average (GPA) of a 2.25 or higher by the 7th semester senior year.

## MIAMI VALLEY TECHPREP CONSORTIUM

*A great way to go to college!*

84 Approved Degree or Certificate Options in JROTC on the Scholarship Crosswalk 2016-2017

**High School Tech Prep**  
JROTC Pathways include:

**Air Force  
Army  
Navy  
Marine Corps**

University Transfer  
AA or AS

Associate of Applied Science  
.AAS

Legend

Certificate Program  
.STC or .CRT

New Programs

Sinclair Degree and Certificate Programs			
Division	Program Code	Program Name	Total Credit Hours
BPS	MRK.S.AAS	Business Management/Digital Marketing	65
BPS	SCM.S.AAS	Business Mgmt./Supply Chain Mgmt.	71-72
BPS	BOSS.S.STC	Business Operations Systems Support	18
BPS	BUS.S.CRT	Business Transfer	30
BPS	NEEN.S.AAS	Computer Information Systems Network Engineering	62-63
BPS	COR.S.CRT	Corrections	32
BPS	CJCM.S.STC	Crime Mapping	20
BPS	CJCO.S.AAS	Criminal Justice Science Corrections	63
BPS	CYSEC.S.CRT	Cyber Investigation	37
BPS	CYIT.S.AAS	Cyber Investigation Technology	70
BPS	MRK.S.CRT	Digital Marketing Communications	37
BPS	MRKTEC.S.CRT	Digital Marketing Technologies	30

BPS	EMR.S.STC	Emergency Medical Responder	2
BPS	EMSV.S.AAS	Emergency Medical Services	60
BPS	EBST.S.STC	Emergency Medical Technician	7
BPS	FCO.S.STC	Fire Department Company Officer	8
BPS	FEO.S.STC	Fire Department Executive Officer	6
BPS	FST.S.AAS	Fire Engineering Technology	60
BPS	FSM.S.CRT	Food Service Management	35
BPS	FAO.S.AAS	FST/Fire Administration	60
BPS	GST.S.STC	Geospatial Technology Programming Specialist	22
BPS	CJHS.S.STC	Homeland Security	29
BPS	HRMT.S.STC	Human Resource Management	18
BPS	IFPT.S.STC	Industrial Fire Protection Technician	14
BPS	CJES.S.CRT	Law Enforcement	32
BPS	NESA.S.STC	Network Engineering Security Associate	16
BPS	BAS.S.STC	Ohio Peace Officer Training	28
BPS	EPST.S.CRT	Paramedic	33
BPS	PFC.S.STC	Professional Firefighter	11
BPS	BSP.S.CRT	Supervisory Skills Certificate	30
BPS	SCMC.S.CRT	Supply Chain Management	34-35
BPS	BUS.S.AS	University Parallel - Business Administration	67
HS	PED.S.AA	University Parallel - Physical Education/Spts & Rec Mgmt.	63-65
LCS	AIS.S.AIS	Associate of Individualized Study	60
LCS	ATS.S.ATS	Associate of Technical Study	60
LCS	GEOIS.S.STC	Geographic Information Systems	19
LCS	GEOE.S.AA	Geography	62-63
LCS	GSCS.STC	Global Studies	24-25





# UAS Indoor Flying Pavilion & UAS Training Certification Center

Clay Pittman, Aviation Department Chair, Sinclair College







**UAS** Training and Certification Center

# **Sinclair Community College**

## **Unmanned Aerial Systems**



**Clay Pittman**  
**Associate Professor**  
**Chair**  
**Aviation Technology Department**



**SINCLAIR**

**UAS** Training and  
Certification Center



# What is a UAS?

- Known as:
  - Unmanned Aerial Systems vs Unmanned Aircraft Systems (UAS)
  - Radio Controlled
  - Remotely Piloted
  - Remote Control
  - Pilotless Vehicle
  - Unmanned Aerial Vehicles (UAV)
  - Drones

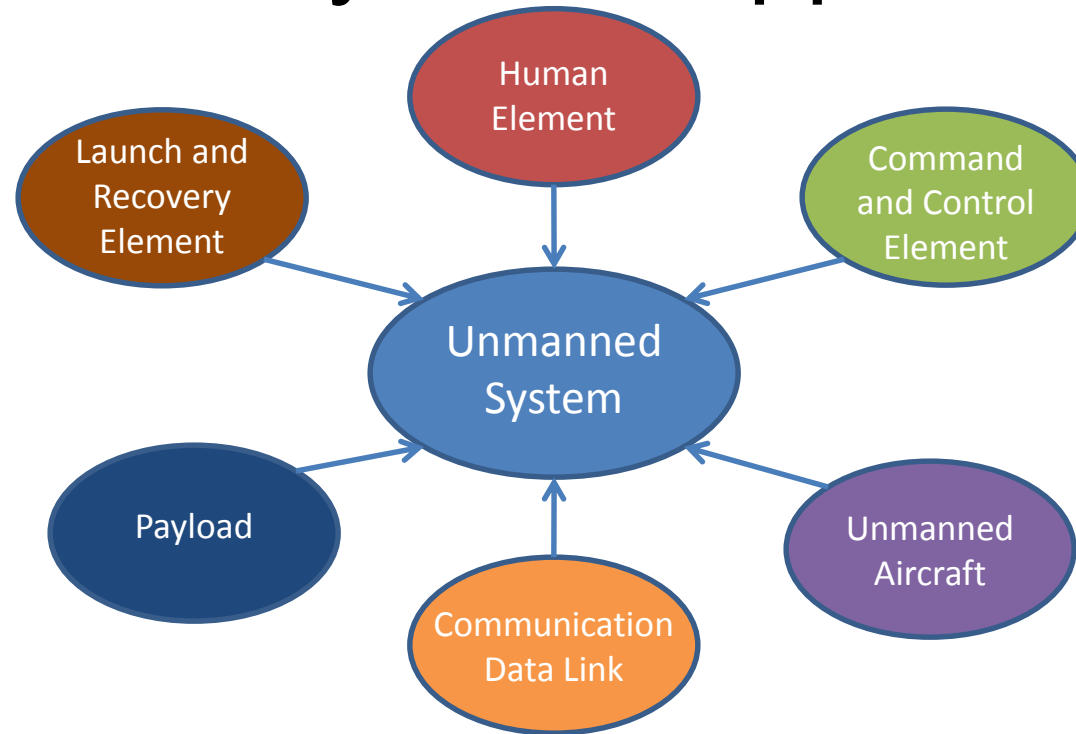


# What is a UAS? (Continued)

- System of elements use to fly an aircraft and complete a specific task without a pilot on board
- Tasks a UAS could perform
  - Search and Rescue
  - Precision Agriculture
  - Geospatial Mapping
  - Wildlife Migration
  - Forest Fires
  - Military Applications
  - Surveying
  - Traffic Monitoring
  - Insurance Assessment
  - Hurricane Monitoring
- Can you think of anything else?



# Sinclair's Systems Approach to UAS





# Sinclair UAS Center Capabilities

- Designed to leverage synergies between manned aviation and unmanned systems programs
- New lab capabilities include
  - Wind Tunnel
  - Metrology
  - Maintenance
  - Engine Testing
  - Avionics and Sensors
  - Indoor Training and Flight Testing
  - Manned and Unmanned Simulation
  - Advanced and Additive Manufacturing





# UAS Indoor Flight Range

- UAS Indoor Flight Range Uses
  - University and Industry Partners - Research
  - Policy Makers and Community Leaders
  - Current Academic Students
  - Public Access
  - Clubs and Organizations
- Dimensions
  - 35,000 square feet
  - 25 foot ceiling height





# UAS Indoor Flight Range





# UAS Indoor Flying Pavilion



Looking south inside the Flying Pavilion



Aerial looking southeast







# Airspace Access

- Current COAs
  - 3 COAs at Wilmington Air Park in Class D airspace (Indago, Nova Block III, and Vireo)
  - 3 COAs at Springfield Airpark in Class G airspace (Indago, Nova Block III, and Vireo)
  - 3 COAs at The Ohio State University Don Scott Airport (Spear, Nova Block III, Vireo)
- Section 333 Exemption
  - First two-year college to receive a Section 333 Exemption (Nova Block III)



## Sinclair's UAS Fleet

- Over 150 aircraft comprise Sinclair's UAS fleet, ranging from small electric systems to large reciprocating and turbo-prop aircraft





# Career Opportunities

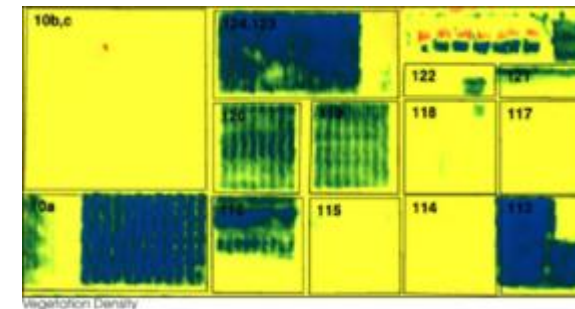
- Example careers in UAS include:
  - Pilots
  - Observers (ground-based or airborne)
  - Sensor and/or payload operators
  - Mission Planners
  - Engineers
  - Technicians (maintenance, electronics, IT, etc)
  - Manufacturers
  - Data Analysts
- Larger and more complex systems will require more personnel and separate job categories than smaller and simpler systems





# Civil and Commercial Applications

- **First Responder Leadership**
  - Operations are already allowed by waiver
  - Disaster Damage/Scene Assessment
  - Emergency Response and Awareness
  - Search and Rescue
- **Precision Agriculture**
  - 80% of projected civil UAS operation
  - Blight and Infestation Monitoring
  - Irrigation
  - Harvest Readiness
- **Geospatial Information**
  - National commercial applicability
  - Mapping
  - Infrastructure
  - Natural Resources





**UAS** Training and Certification Center

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# Curriculum and Custom Training





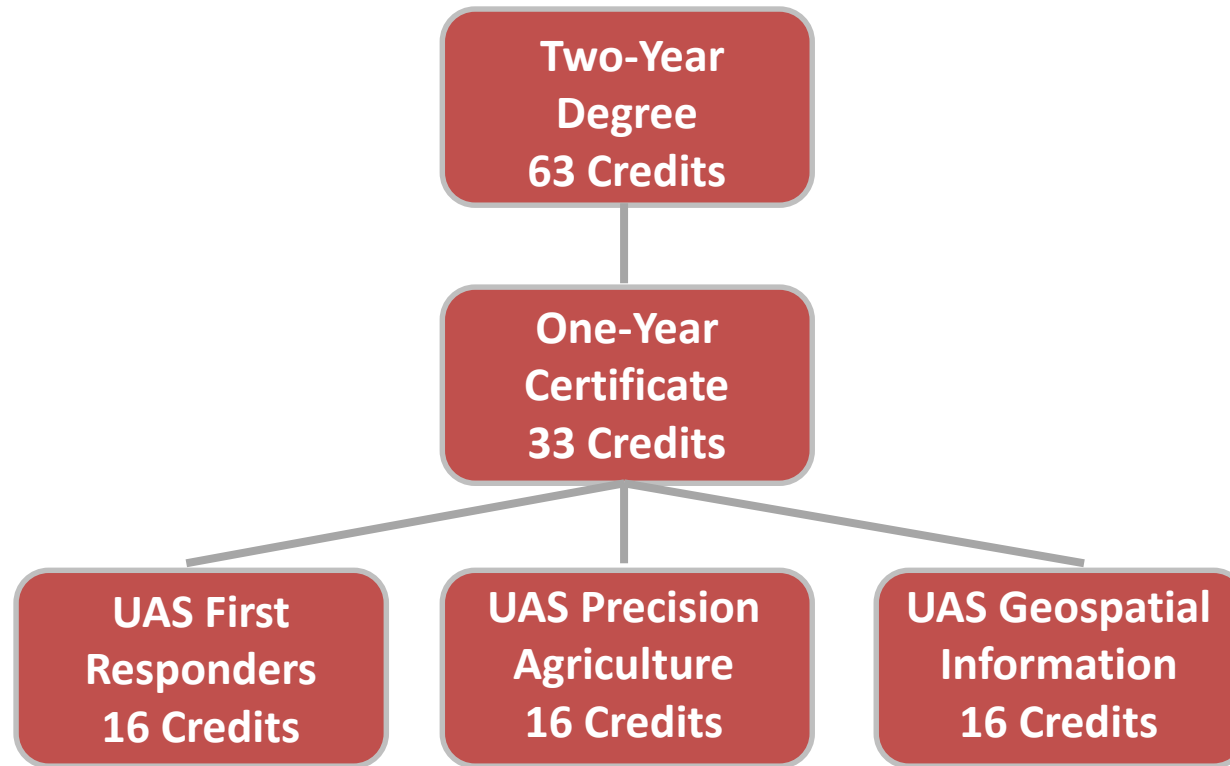


# Curriculum - Academic Program

- Prepares students with the foundational knowledge and skills involving:
  - Unmanned Aerial System technology
  - Regulations and laws required by the industry and FAA
  - To work as a UAS pilot/operator, observers, and ancillary ground crew member
  - Understanding of the operational and safety regulations governing the National Airspace System



# Curriculum - Academic Programs





# Highlighted Partnerships

- **Academic**

- The Ohio State University
- University of North Dakota
- Embry-Riddle Aeronautical University
- Wright State University/WSRI/NCMR
- University of Dayton Research Institute
- Southern State Community College
- South Dakota State University
- Indiana State University
- University of Florida
- C-UAS at Brigham Young

- **Government**

- Air Force Institute of Technology
- Air Force Research Laboratory
- Ohio Emergency Management Agency
- National Center for Complex Operations
- OH/IN UAS Center & Test Complex

- **Industry**

- Dayton Development Coalition
- Woolpert
- Altavian
- Lockheed Martin
- Fourth Wing
- Analytical Graphics, Inc.
- Dayton Aerospace
- SelectTech
- Unmanned Applications Institute
- Leidos
- Riverside Research
- Airborne Law Enforcement Association
- ATIC/AVETC
- Ohio Agribusiness Association





# OEM Training Partnerships

**OEM** ORIGINAL  
EQUIPMENT  
MANUFACTURER

Training for Altavian Nova Block III  
UAS and Sensor Package





# Questions



# Break & Lunch



# Sinclair Regional Centers Update

DeAnn Hurtado, Associate Dean, Sinclair in Mason



# On-site Registration

Karen Blake, Senior Academic Advisor, Sinclair College



# Tech Prep Southwest Regional Center Updates

Terry Benedict, Chief Administrator, Tech Prep Southwest Regional Center





# Southwest Regional Center Updates

- CTE-26s Submissions for FY17 wrapping up
- CTE-26 Renewals for FY18
  - Transportation
  - Arts & Communication
  - Hospitality
  - Government
  - Human Services-COS



# Southwest Regional Center Updates

- UPCOMING DATES:

- **March 10<sup>th</sup>**-Regional Conference Call via WebEx
- **April 6<sup>th</sup>**-ODE Business Workshop-Miami VOALC
- **April 6<sup>th</sup>**-Southwest Region IS IT-Technology Conference-Miami VOALC
- **April 19<sup>th</sup>**-ODE Health Workshop-Great Oaks IRC
- **April 22<sup>nd</sup>**-All-Region Partners Meeting-Great Oaks IRC
- **May 13<sup>th</sup>**- ODE Construction Workshop



# Data & eLearn Info & Updates

Katie Bauer, Assistant Director, MVTPC




# Data & eLearn Info & Updates

- CASPIO Updates
- Enrollment & Matched Billing
- GPA Submissions: one time, two uses
  - MM3 Initiative
    - 3.0 GPA and above, students exempt from taking Acuplacer
  - Scholarship Qualification
    - Students who are close on the 7<sup>th</sup> semester GPA may resubmit an additional GPA for scholarship consideration, including the 8<sup>th</sup> semester by July 1
    - *Note: there are additional qualifications students must meet to be eligible to receive the Tech Prep scholarship*



# Data & eLearn Info & Updates

- NEW! Student Verification Form in eLearn platform
  - Professional & National Certification submittal process stays the same

 MIAMI VALLEY  
**TECHPREP**  
CONSORTIUM  
www.mvtechprep.org

**2016 Student Credit Verification Form**

School: Butler Tech  
Graduation Year: 2016 Instructor: T. Newman

First Name: <b>Sally</b>	Last Name: <b>Smith</b>	SCC ID: <b>987654321</b>
Street: <b>124 Main Street</b>	City: <b>Fairfield</b>	State/Zip <b>OH 45011</b>
Phone: <b>937-123-4567</b>	Email: <b>ssmith@gmail.com</b>	Date of Birth: <b>7/19/2000</b>

Miami Valley Tech Prep Consortium High School Tech Prep students can qualify to be awarded credit for Sinclair courses/proficiency test credit upon successful completion of the following:

1. The student has been admitted to Sinclair College, AND
2. The student has successfully completed the Tech Prep program, in addition to Sinclair College minimum enrollment qualifications, AND
3. The Tech Prep Student Credit Verification form has been completed and submitted to the MVTPC, AND
4. The student will graduate from high school by June 1, 2016

Upon completion of the Tech Prep program, the following courses/proficiency credits will be added to your Sinclair College transcript:

- ☐ MAN 1107-Foundations of Business
- ☐ MRK 2225-Sales Fundamentals
- ☐ MAN 2150-Management and Organizational Behavior
- ☐ MAN 1110-International Business

**Student MUST indicate one of the below:**

( ) I have met the criteria established and I am requesting Sinclair Community College to process and apply the earned credit to my official Sinclair transcript for all outlined proficiency credit for which I've received a grade of 'C' or better listed above.

( ) I do not want Sinclair College to process the college credits or apply them to my Sinclair transcript.

*I have reviewed all of the above information and verify that it is correct to the best of my knowledge.*

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

Return forms to: Tech Prep Office • 444 West Third St. • Dayton, OH • 45402 • FAX: 937-512-2194



# MVTPC Initiatives & Information

Katie Bauer, Assistant Director, MVTPC





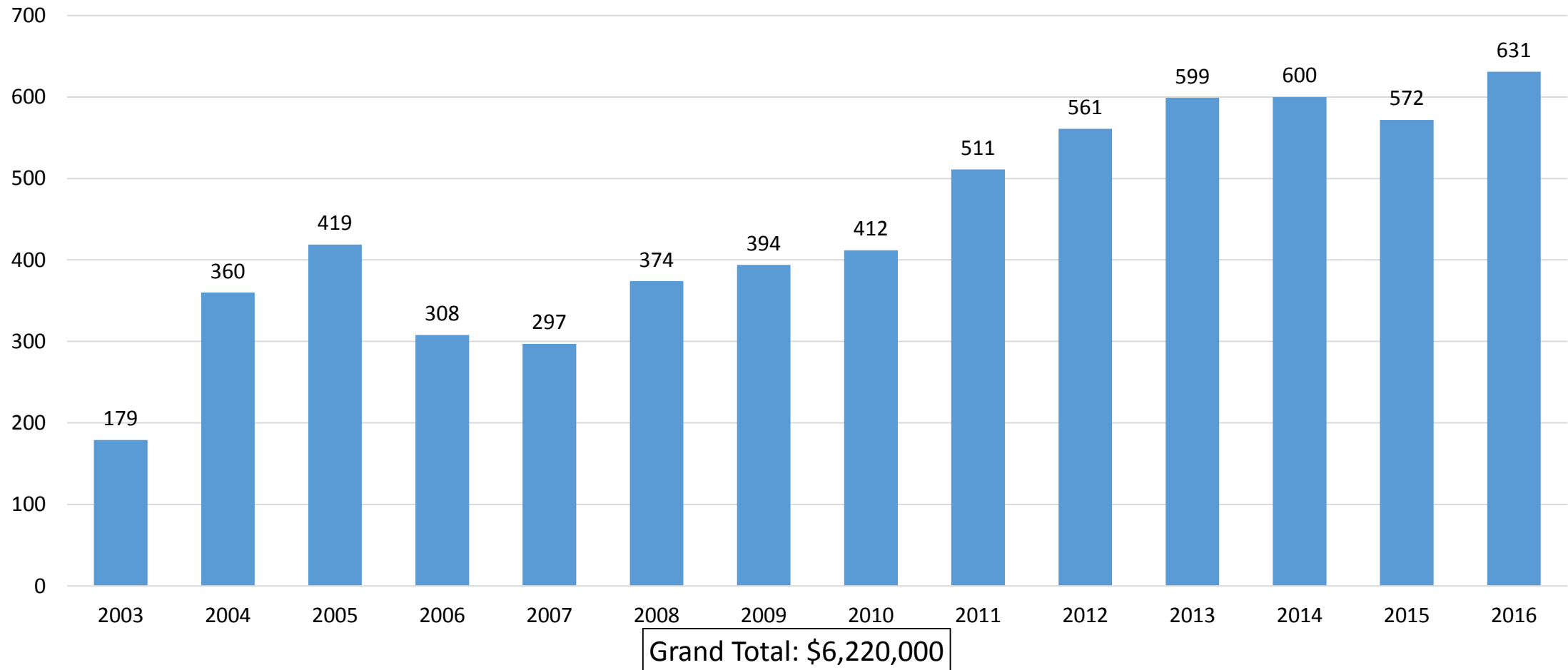
# Information & Updates

- Scholarship
  - Additional funds added by Sinclair College to cover scholarship needs
  - Merit Scholarship Report

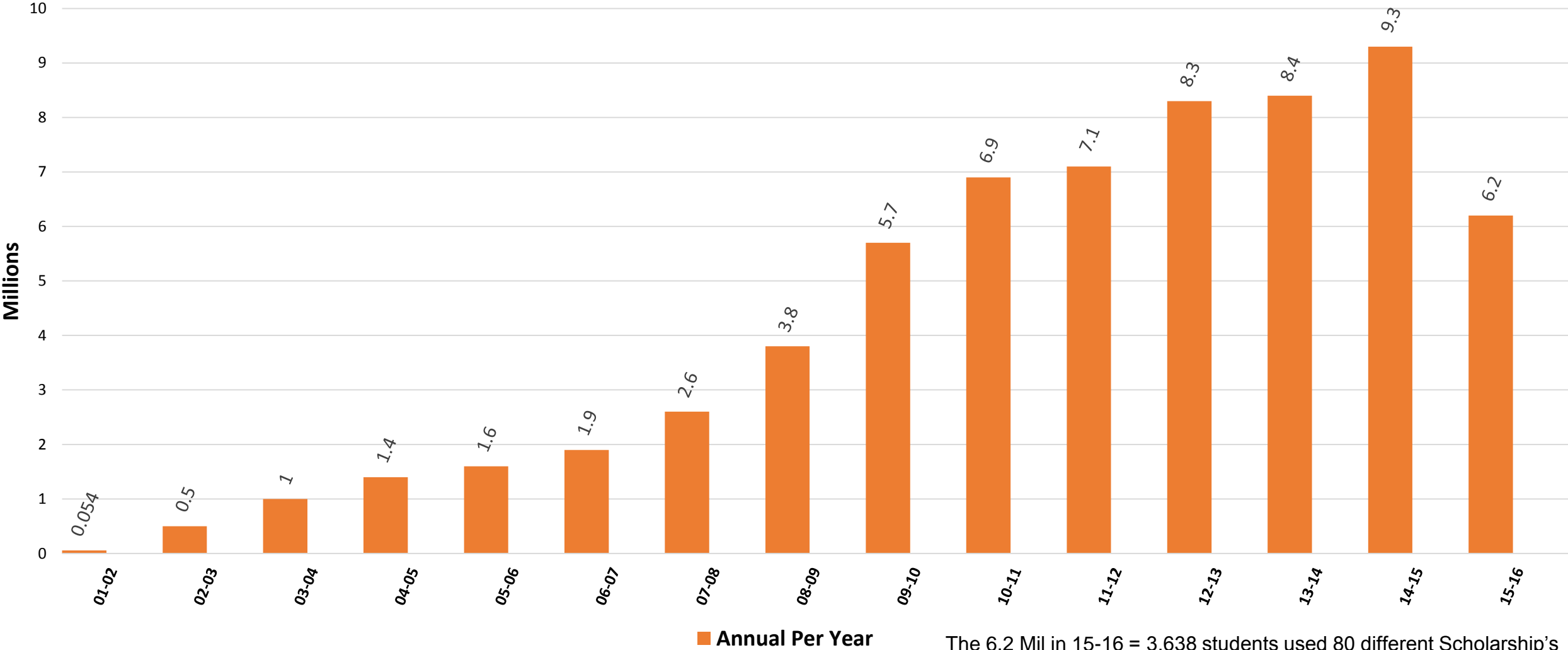


## Funding Provided by Sinclair for Tech Prep Scholarships

Total in Thousands of Dollars



TOTAL FINANCIAL AID USED BY  
ENROLLED TECH PREP STUDENTS AT SINCLAIR  
Grand Total \$64,754,000



The 6.2 Mil in 15-16 = 3,638 students used 80 different Scholarship's



Tech Prep Scholarship Counts & Money						
	AY2013-14		AY2014-15		AY2015-16	
	Total	Count	Total	Count	Total	Count
Tech Prep Scholarship Fdn-393	\$138,555.14	135				
Tech Prep Scholarship Inst-190	\$461,484.97	485				
Tech Prep - Foundation 2015-16			\$10,500.00	14		
Tech Prep Scholarship Foundation			\$292,155.64	342		
Tech Prep Scholarship Institutional			\$279,480.75	301		
Tech Prep - Foundation 2015-16					\$331,754.46	389
Tech Prep Scholarship Institutional					\$299,196.86	293
	\$600,040.11	620	\$582,136.39	657	\$630,951.32	682

Tech Prep Students using High School Merit Scholarships						
	AY2013-14		AY2014-15		AY2015-16	
	Total	Count	Total	Count	Total	Count
Presidential Scholarship - Fdn-106	\$13,975.32	4				
Presidential Scholarship-Institutional			\$8,337.21	4		
Presidential Scholarship 15/16 - Foundation					\$53,655.81	18
Presidential Scholarship 15/16 - Institutional					\$6,000.00	2
Virginia McNeal Inst-443	\$5,996.70	2				
Virginia McNeal Trustees Schol Fdn-112	\$11,534.80	5				
Virginia McNeal Trustee Scholarship Foundation			\$30,499.56	15		
Virginia McNeal Scholarship 15/16 - Institutional					\$34,106.36	18
Regional Scholarship - Institutional					\$45,000.00	26
	\$31,506.82	11	\$38,836.77	19	\$138,762.17	64



## Proportion of Credentials Awarded to Tech Prep Students FY2010-11 – AY2014-15

		FY2010-11		FY2011-12		FY2012-13		FY2013-14		FY2014-15	
		Total Credentials	Tech Prep Credentials	Total Credentials	Tech Prep Credentials	Total Credentials	Tech Prep Credentials	Total Credentials	Tech Prep Credentials	Total Credentials	Tech Prep Credentials
BPS	Degrees	592	53 (9.0%)	715	78 (10.9%)	566	55 (9.7%)	496	62 (12.5%)	478	66 (13.8%)
	Certificates	212	8 (3.8%)	286	15 (5.2%)	183	15 (8.2%)	185	15 (8.1%)	205	21 (10.2%)
	STCs	699	72 (10.3%)	608	76 (12.5%)	423	59 (13.9%)	779	83 (10.7%)	848	101 (11.9%)
	Total	1,503	133 (8.8%)	1,609	169 (10.5%)	1,172	129 (11.0%)	1,460	160 (11.0%)	1,531	188 (12.3%)
HS	Degrees	417	17 (4.1%)	504	32 (6.3%)	552	47 (8.5%)	392	38 (9.7%)	481	43 (8.9%)
	STCs	801	41 (5.1%)	944	74 (7.8%)	640	43 (6.7%)	667	59 (8.8%)	470	66 (14.0%)
	Total	1,218	58 (4.8%)	1,448	106 (7.3%)	1,192	90 (7.6%)	1,059	97 (9.2%)	951	109 (11.5%)
LCS	Degrees	424	38 (9.0%)	495	33 (6.7%)	422	49 (11.6%)	400	43 (10.8%)	417	52 (12.5%)
	Certificates	51	2 (3.9%)	31	0 (0.0%)	13	0 (0.0%)	20	0 (0.0%)	5	0 (0.0%)
	STCs	92	12 (13.0%)	144	23 (16.0%)	75	11 (14.7%)	57	11 (19.3%)	129	39 (30.2%)
	Total	567	52 (9.2%)	670	56 (8.4%)	510	60 (11.8%)	477	54 (11.3%)	551	91 (16.5%)
SME	Degrees	293	38 (13.0%)	310	42 (13.5%)	291	41 (14.1%)	246	35 (14.2%)	273	49 (17.9%)
	Certificates	110	16 (14.5%)	114	23 (20.2%)	93	16 (17.2%)	102	14 (13.7%)	83	12 (14.5%)
	STCs	194	15 (7.7%)	172	7 (4.1%)	92	10 (10.9%)	89	6 (6.7%)	191	28 (14.7%)
	Total	597	69 (11.6%)	596	72 (12.1%)	476	67 (14.1%)	437	55 (12.6%)	547	89 (16.3%)
All	Degrees	1,726	146 (8.5%)	2,024	185 (9.1%)	1,831	192 (10.5%)	1,534	178 (11.6%)	1,649	210 (12.7%)
	Certificates	373	26 (7.0%)	431	38 (8.8%)	289	31 (10.7%)	307	29 (9.4%)	293	33 (11.3%)
	STCs	1,786	140 (7.8%)	1,868	180 (9.6%)	1,230	123 (10.0%)	1,592	159 (10.0%)	1,638	234 (14.3%)
	Total	3,885	312 (8.0%)	4,323	403 (9.3%)	3,350	346 (10.3%)	3,433	366 (10.7%)	3,580	477 (13.3%)



# Information & Updates

- Credit Capture
  - No change in reporting for Prior Learning Credit
  - No change in CTAG Credit Process
- Acuplacer-schedule testing for students who:
  - 2016 Senior
  - Plans to matriculate as full time student at Sinclair
  - Has under a 3.0 GPA (not meeting Multiple Measure exemption)





# Upcoming Events

- Get Ready for College Night-in Mason!
  - **Thursday, March 10<sup>th</sup> 5:30-7:30pm**
- Teacher Summits
- **Tech Prep Showcase April 13, 2016 in Building 12**
- MM3 GPA Submittal due March 23<sup>rd</sup>
- Senior Packets
- **SAVE THE DATE!**
  - Summer Coordinator Meeting, August 3<sup>rd</sup> at Dayton Ponitz
  - Signed Articulation Agreements due August 31st



# Next Steps

Katie Bauer, Assistant Director, MVTPC



# Next Steps

- Survey to be sent to teachers regarding Career Exploration Days
- On-site Registration-schedule days now!
  - If interested in setting up a date, please contact Wendell
- New programs starting Fall 2016? We want to know!
- Interested in having a classroom presentation for students? We can help!



# Next Steps

- Professional Development available for teachers on:
  - What is Tech Prep?
  - What is a CTE-26 and what does it mean?
  - How do I use eLearn?
  - Caspio Tutorial
  - College Credit Options
  - Tech Prep Scholarship Details
  - Topics as requested



# Closing Comments

Wendell Meyers, Director MVTPC



# SCC - Math requirement for 2017

- Beginning Algebra and Intermediate Algebra can no longer meet the math requirement for college degrees effective fall 2017.
- We have actually never used MAT 1370 to meet degree requirements for any program, although there have been some degrees using MAT 1270 that will have to change.
- Tech Prep is already offering MAT 1270. SCC encouraged MVTPC to expand to include MAT 1370, because if students have credit for MAT 1370, they can come here and go right into any of the first-tier transfer module math classes without having to take Accuplacer. I think that rationale is unaffected by the changes from the state.





# MAT 1110 - *Math for Technologists is active now*

- Sinclair Community College degree programs required MAT 1110 aside from Automotive and Aviation. According to the 2015-16 Sinclair catalog, MAT 1110 is also required for:
- CAM/CNC and CAM/Precision Machining
- MVTPC added MAT 1110 to the articulation agreements
- David Ericson will provide proficiency testing for MAT 1110
- Set up class list with Tim Bryant



# MAT 1120 - *Business Mathematics* is an MAT option *or* requirement for the following programs:

- BIS/Medical Office
- BIS/Personal Computer Applications
- Criminal Justice Science/Law Enforcement (MAT 1120 or MAT 1270)
- Early Childhood Education (MAT 1120 or MAT 1270 or MAT 1410)
- Hospitality Management & Tourism (MAT 1120 or MAT 1470)
- Hospitality Management & Tourism/Lodging (MAT 1120 or MAT 1470)
- Hospitality Management & Tourism/Meeting and Event Planning (MAT 1120 or MAT 1470)
- Hospitality Management & Tourism/Tourism (MAT 1120 or MAT 1470)
- Hospitality Management & Tourism/Bakery and Pastry Arts
- Hospitality Management & Tourism/Culinary Arts
- Mental Health Technology
- Mental Health Technology/Chemical Dependency
- Paralegal
- Real Estate
- VIS COM (MAT 1120 or MAT 1270)



# MAT 1120 - *Business Mathematics will be active fall 2015.*

- Craig Birkemeier will be the new Sinclair liaison for MAT 1120 - ***Business Mathematics***
- Set up class list with Tim Bryant



# THANK YOU!

