

# ***AccelerateMS Update State Workforce Investment Board***

2/28/2024



**ACCELERATE MS**

## *Initial Impacts:*



### ***Diesel Technicians***

- **\$5M** invested in Equipment and programs
- Enrollment increased from 168 to 310 – a **59% increase** since 2021



### ***Nursing***

- **\$25M** invested to increase capacity, retention, and accessibility
- **450** new seats to chip away at the **1,800** student-per-year enrollment gap with only **2,002** students admitted in 2021.
- Goal of 2,500 enrolled by 2026



### ***Line Worker***

- **\$5M** invested to add key programs and expand capacity of existing programs
- Added **100** new seats/year statewide
- Ability to train 320 fiber technicians per year
- Continued Need - Increased investments in Ecosystem 3+5 due to Amazon

## ***Initial Impacts:***



### ***Industrial Maintenance Technicians***

- **\$12M** invested in equipment for new & enhanced programs
- Doubled available training opportunities for career, 900 NEW trainees/year



### ***Production Operators***

- **\$10M** invested to increase capacity, retention, and accessibility.
- **2,000 new trainees/year in associated occupations statewide**



### ***Aerospace Composites Technicians***

- **\$2.5M** invested to add programs in critical need areas to train 200 techs/year
- Partnership between MSU and Community Colleges

# Career Coach Initial Impacts

Category	Current Totals (as of 02/23/2024)	Current *	SY 25 goal*	SY 26 goal*
Job Shadows	1,273	66%	70%	75%
Job Applications	436	49%	55%	60%
Guest Speakers	752	41%	60%	75%
Career Discussions	7,079	58%	63%	70%
College Applications	1,688	59%	63%	70%
Parent Interactions	762	762	1000	1250

\* - indicates target/priority sectors as defined by SWIB/AMS





**25,000**

Mississippians missing from the labor  
market since 2019.

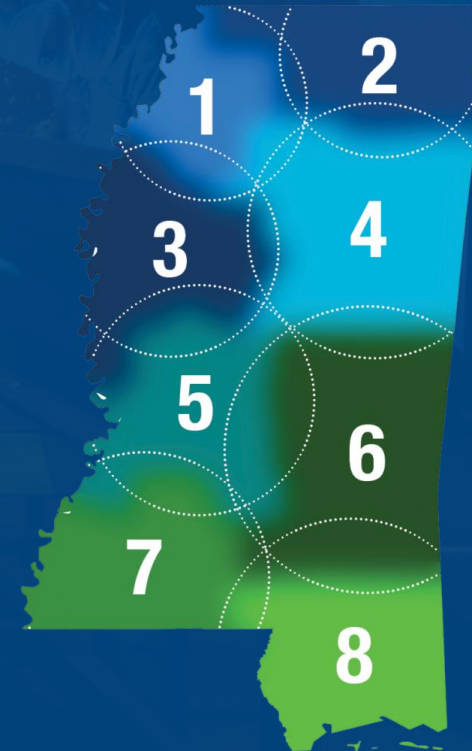


# Goals

- Add 21,000 workers to the labor market by 2026.
- 12,000 of which should be 'highly qualified workers' to meet current and induced demand.



- Ecosystem 1 – 1,000
- Ecosystem 2 – 2,000
- Ecosystem 3 – 500
- Ecosystem 4 – 1,000
- Ecosystem 5 – 4,000
- Ecosystem 6 – 1,000
- Ecosystem 7 – 500
- Ecosystem 8 – 2,000



# Blueprint

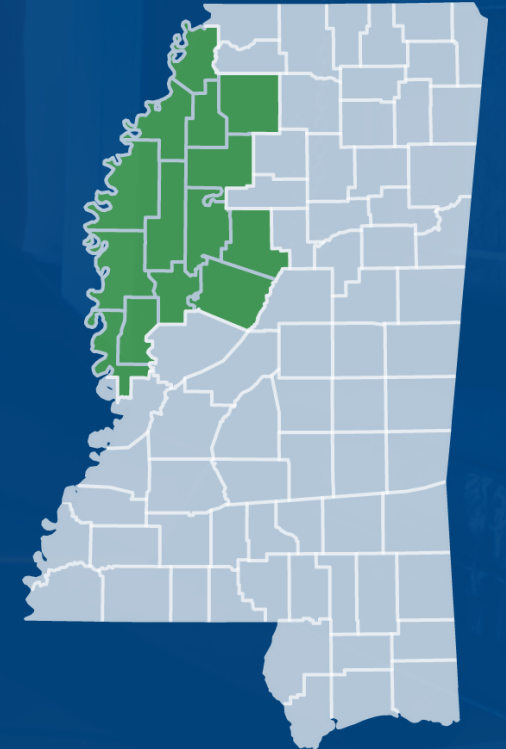


- Establish and Increase open-to-the public, accelerated (6 weeks or less) priority sector training programs and ensure pathway into degreed programs in recent areas of greatest need.
- Increase on across Career Technical and open-to-the-public courses, especially for underrepresented groups.
- Increase access to programs through flexible offerings, leveraging available resources (facilities, equipment, funding, etc.) to ensure ALL Mississippians have access to priority programs.
- Increase internship opportunities for K-12, Community College, and University students.
- Encourage Industry to examine policies that are age prohibitive thus creating additional barriers to work-i.e., what jobs can 16- or 17-year-olds do to allow work experience to be gained in priority sectors.
- Increase Career Coach exposure to priority sector opportunities to increase student engagement.

# Ecosystem 1 & 3 Goals

## South Delta Planning and Development District

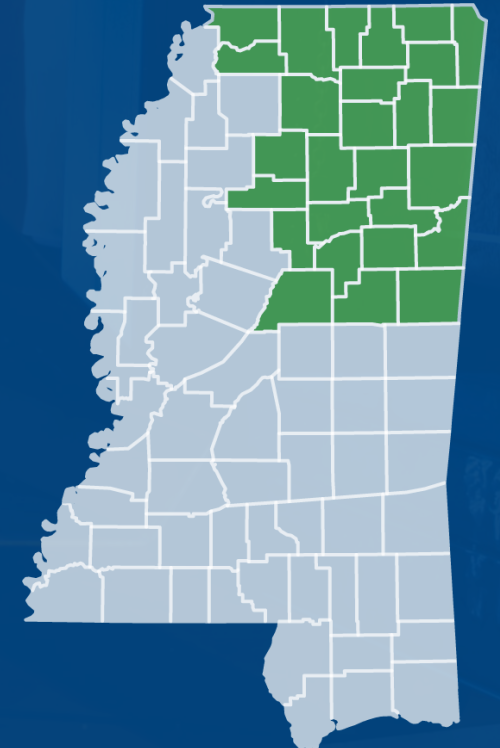
Ecosystem	Jobs	New Trainees/ Year
1	Machine Operators	500
1	Industrial Maintenance Technicians	30
1	Commercial Truck Operators	10
1	Machinists	10
1	Logisticians	20
3	Aerial Applicator Pilots*	10
3	Solar Photovoltaic Installers	10
3	Line Workers	10
3	Engineers	10
3	Bookkeeping, Accounting, and Auditing Clerks	20
3	Renewable Energy Engineer	10
3	Electrical Engineer	10



# Ecosystem 2 & 4 Goals

## Three Rivers Planning and Development District

Ecosystem	Jobs	New Trainees/ Year
2	Machine Operators	500
2	Industrial Maintenance Technicians	40
2	Machinists	30
2	Commercial Electricians	30
2	Logisticians	20
2	Electrical Engineers	40
2	Mechanical Engineers	20
2	Industrial Engineers	40
4	Industrial Machinery Mechanics	40
4	Machinists	30
4	Heavy Equipment Operators	30
4	Industrial Engineers	10
4	Electrical Engineers	10
4	Mechanical Engineers	40
4	HVAC Technicians	20



# Ecosystem 5 & 7 Goals

## Central Mississippi Planning & Development District

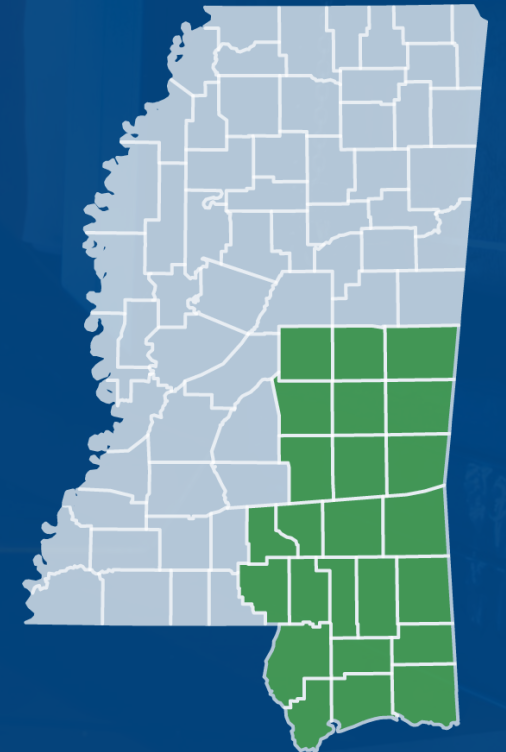
Ecosystem	Jobs	New Trainees/Year
5	Construction Engineers	25
5	Electrical Engineers	20
5	Computer Science Engineers	20
5	Renewable Energy Engineers	10
5	Commercial Electricians	200
5	Engineering Technicians	20
5	Fiber Fusion Splicing	100
5	Fiber Fusion Splicing Instructors	10
5	Plumber/Pipe-fitters	40
5	HVAC Technicians	40
5	Lineworkers	40
5	Data Center Controls Technician	100
5	Heavy Equipment Operators	40
7	Industrial Machinery Mechanic	20
7	Logging Equipment Operators	20
7	Pipe-fitters	20
7	Plumbers	10



# Ecosystem 6 & 8 Goals

## Twin Districts Workforce Development

Ecosystem	Jobs	New Trainees/Year
6	Registered and Licensed Vocational Nurses	Funded
6	Heavy Equipment Operators	20
6	Industrial Maintenance Mechanics	20
8	Aerospace Engineers	20
8	Mechanical Engineers	20
8	Industrial Engineers	20
8	Aerospace Technologists and Technicians	20
8	Surveyors	20
8	Pipe-fitters	100
8	Electricians	40
8	Plumbers	40
8	Shipbuilding Carpenters	20
8	Registered Nurses	40
8	Welding	500





### ***Workforce Gap***

- Physicians and engineers remain in demand
- Challenge is not a lack of training and education, but retention within Mississippi
- Efforts are focused on internships and residency programs
- Connect talent to the local labor market through internships and increased company engagement



### ***Childcare Workers***

- Childcare workers are a critical need for Mississippi
- Limited wage availability and growth necessitate a broader legislative and agency approach
- MDE credential places more K -12 students directly into the childcare field at an early stage

# K-12 Priority Credential Goals

Assessment	Course	Tested	Passed	% Pass	% Pass Recommended	Proposed Pass Goal 2025	Goal 2026	Goal 2028 & Beyond
Autodesk Certified User	Architecture and Drafting/Engineering	123	73	59%	70%	86	150	250
Certified Logistic Associate	Fundamentals of Material Handling	11	4	36%	65%	7	100	300
Certified Logistic Technician	Advanced Logistics and Supply Chain	4	3	75%	N/A	3	100	300
NCCER - MCEF Custom Core Test	Advanced Manufacturing I/Metal Fabrication I	291	162	56%	70%	204	204	750
NCCER - MCEF Pre-Post Exam Level 2 Welding	Welding Third Year Dual Credit	12	12	100%	N/A	12	50	150
NCCER - Mississippi Pre-Post Construction Carpentry Year 2	Carpentry	631	186	29%	65%	410	450	800
NCCER - Mississippi Pre-Post Construction Electrical Year 2	Electrical	47	19	40%	65%	31	250	400
NCCER - Mississippi Pre-Post HVAC Year 2	HVAC II	10	2	20%	65%	7	100	250
NCCER - Mississippi Pre-Post Industrial Maintenance Electrical and Mechanical Year 1	Industrial Maintenance I	124	67	54%	65%	81		750
NCCER - Mississippi Pre-Post Industrial Maintenance Electrical and Mechanical Year 2	Industrial Maintenance Year 2	69	38	55%	65%	45	200	500
NCCER - Mississippi Pre-Post Welding Year 2	Advanced Welding II	568	296	52%	65%	369	400	600
NIMS Measurement, Materials, & Safety	Precision Machining II/Metal Fabrication II	161	58	36%	65%	105	300	450
Solid Works Edu - CSWA Academic	Engineering II	355	69	19%	65%	231	250	400
TestOut IT Fundamentals Pro Certification	Information Technology Year 1	325	196	60%	70%	228	350	500
TestOut Network Pro Certification	Information Technology Year 2	150	78	52%	70%	105	200	350
PCEP™ – Certified Entry-Level Python Programmer	Computer Science				70%		100	350
CIW JavaScript Specialist	Computer Science				70%		100	350
	<b>Total</b>	<b>2881</b>	<b>1263</b>	<b>44%</b>	<b>70%</b>	<b>1922</b>	<b>3304</b>	<b>7450</b>



# K-12 CTE\* Programs Current (Spring 24) Enrollment

Program Name	Total Students
Advanced Manufacturing	171
Ag & Food Products Processing	23
Agricultural Mechanics	120
Agricultural Power Machinery	89
Agriculture and Natural Resources	938
Automotive Body Repair	297
Automotive Mechanics Technology	1468
Carpentry	794
Computer and Information Sciences	584
Computer Programming	63
Construction Trades	1594
Diesel Equipment Repair & Services	85
Drafting & Design Technology	248
Electrician	51

Program Name	Total Students
Forest Technology/Technician	233
Furniture Design & Manufacturing	17
General Mechanics and Repairers	160
Health Science	6043
HVAC	142
Industrial Mechanics & Maintenance	88
Instrumentation Technology	45
Machine Shop Technology/Assistant	58
Mechanical Engineering	433
Metal Fabrication	273
Plastics Engineering Technology	131
Transportation Logistics	41
Welding Technology	1826
Work-Based Learning	3417

***Thank you!***

ACCELERA