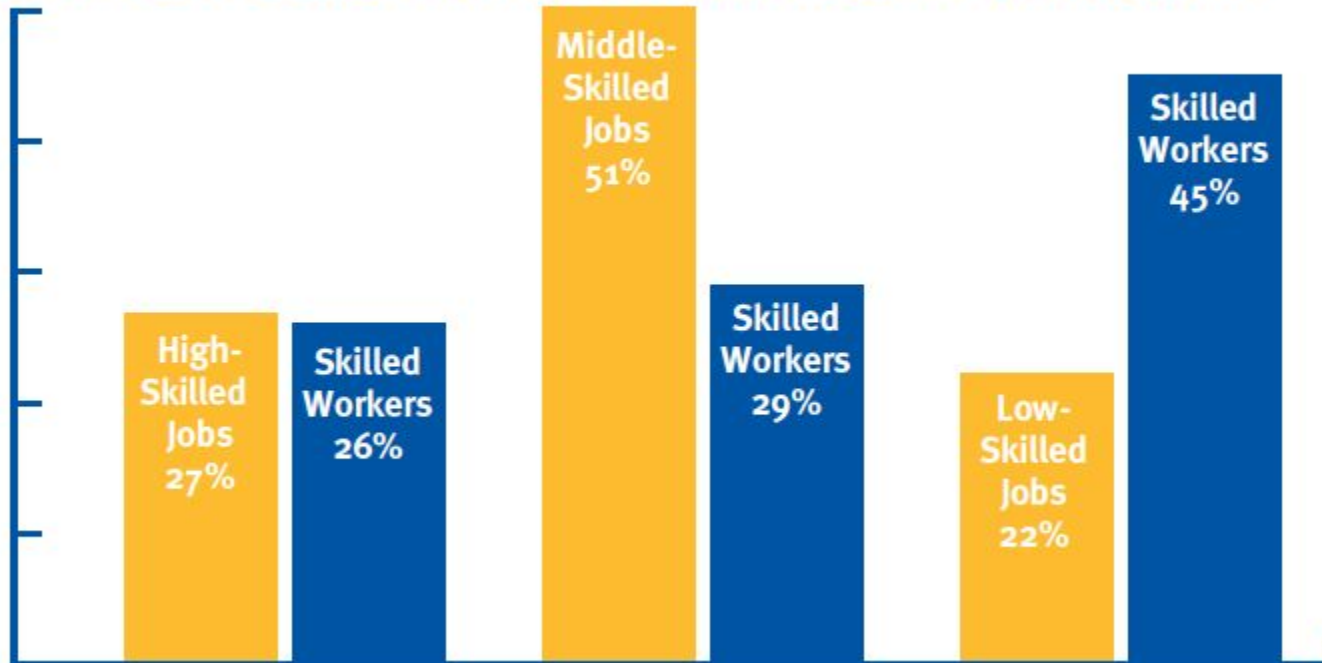


Workforce Development

JOBS VS. SKILLED WORKERS IN SOUTH CAROLINA



“Right now, **51%** of South Carolina’s jobs require middle-skilled workers, yet only **29%** of the workforce is qualified as middle-skilled.”

Midlands Business Alliance

Our local business and education leaders have identified some of the largest areas of talent needs in the Midlands. This chart identifies jobs in which employers of the future will be seeking skilled workers and are predicted to have some of the largest growth expectancy through 2025. STEM (Science, Technology, Engineering and Math) encompasses all career clusters, but these four are expected to have the most job growth and opportunity in the Midlands.

ADVANCED MANUFACTURING



OCCUPATION	2018 MEDIAN HOURLY WAGE	2018 MEDIAN ANNUAL SALARY
Aerospace Engineer Technicians	\$32.22	\$67,010
Aerospace Engineers	\$55.39	\$115,220
Chemical Operators	\$29.89	\$62,170
Chemical Technicians	\$23.15	\$48,160
Electrical and Electronic Engineering Technicians	\$31.81	\$66,180
Health and Safety Engineers	\$42.85	\$89,130
Industrial Engineering Technicians	\$26.66	\$55,460
Industrial Engineers	\$41.84	\$87,040
Industrial Maintenance Technicians	\$23.28	\$48,410
Logisticians	\$35.86	\$74,600
Machinery Maintenance Mechanics	\$24.82	\$51,630
Tool and Die Makers	\$21.61	\$44,950
Quality Control Inspectors	\$18.39	\$38,250

ARCHITECTURE AND CONSTRUCTION



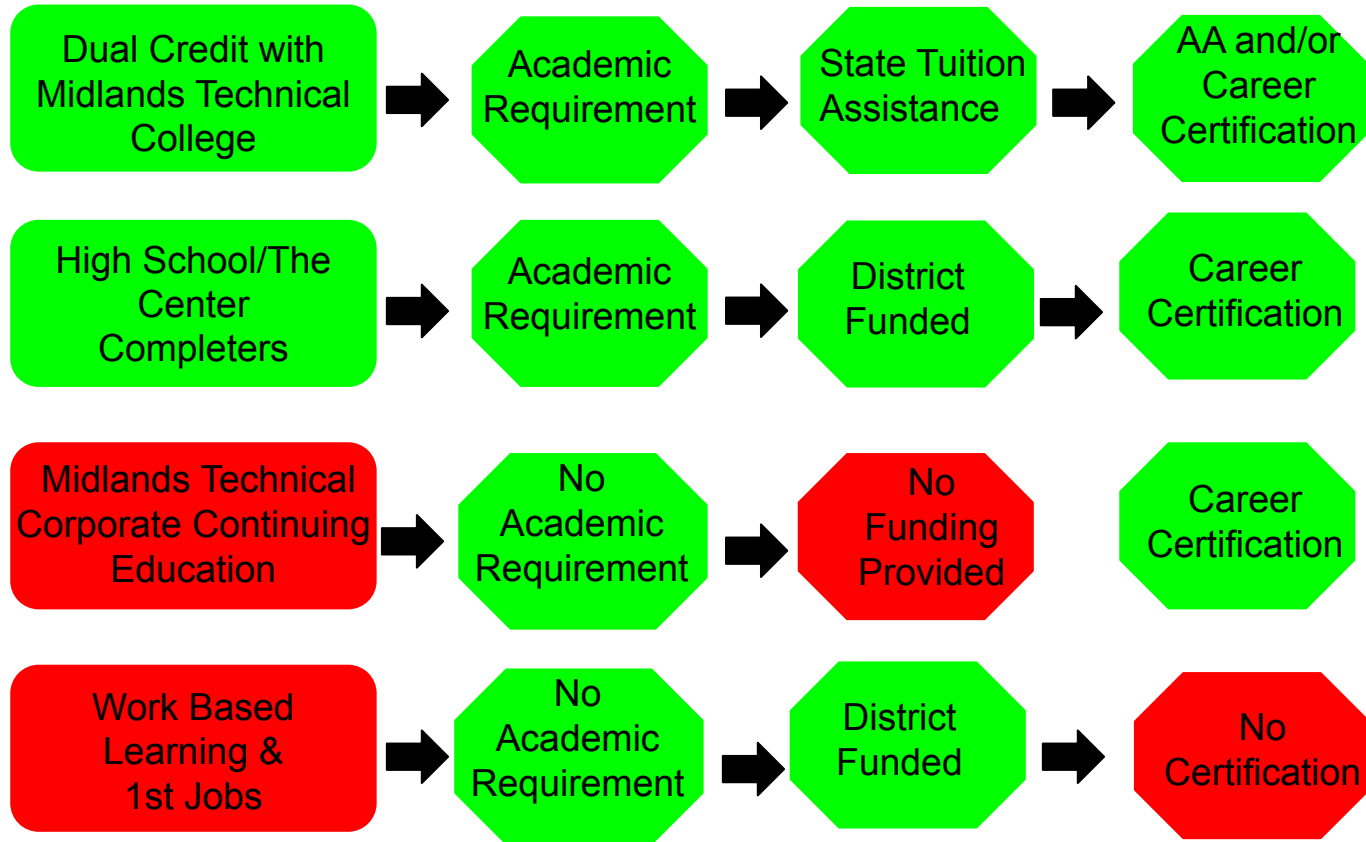
OCCUPATION	2018 MEDIAN HOURLY WAGE	2018 MEDIAN ANNUAL SALARY
Architect	\$38.16	\$79,380
Carpenters	\$22.40	\$46,590
Civil Engineers	\$41.65	\$86,640
Concrete Finishers	\$21.87	\$45,490
Construction Managers	\$44.89	\$93,370
Crane Operators	\$26.78	\$55,690
Electrical and Electronics Engineers	\$47.63	\$99,070
Electricians	\$26.53	\$55,190
Electromechanical Technicians	\$22.78	\$47,380
HVAC Technicians	\$22.89	\$47,610
Mechanical Engineering Technicians	\$27.04	\$56,250
Mechanical Engineers	\$42.00	\$87,370
Plumbers, Pipefitters, and Steamfitters	\$25.92	\$53,910
Roofer	\$19.22	\$39,970
Welders, Cutters, and Solderers	\$19.89	\$41,380

Objective: To establish a partnership with Midlands Technical College to provide Career and Technical Education Dual Credit courses for D5LR students at the Harbison Campus.

The CTE Dual Credit course of study will lead to certification in Manufacturing and Construction.



Workforce Development Pathways



A Career in
Construction and
Manufacturing



Senior Internships

Types of Internships

CTE Work Based Credit Bearing Courses

Agriculture, Food, and Natural Resources	5690
Business Management and Administration	5490
Manufacturing	6490

Some Requirements

4th Unit in a CTE Classification of Instructional Programs

Min. of 120 Practical Experience Hours (or highest req'd)

Aligned w/ Major and/or Individual Graduation Plan (IGP)

Senior Internship Credit Bearing Courses

Non-CTE Senior Internships 5499

Some Requirements

Any Non-CTE Senior Internship May Qualify

Min. of 40 Practical Experience Hours

Related to Career Interests, Abilities, and Goals

Next Steps:

Currently, 558 (9GR-20) D5 students are not College or Career Ready based on the state definition.

Work Based Learning or the 1st Jobs Program will allow these students to be Career Ready by the end of the school year.

With Board approval, 1st Jobs will receive the local-board course number 5499 and students will be eligible to receive a District Work Based Learning (WBL) credit.

We will work with Midlands Technical College to create a 10th - 12th grade Corporate Continuing Education Pathway. School District Five will pursue Workforce Development grants to fund this initiative.

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