

About Industry Recognized Credentials

Not all credentials are created equal. Some credentials are quite popular among students, but do not lead to opportunities in jobs that pay family sustaining wages and upward mobility. MBAE's focus is on credentials with value now and in the future.

According to an analysis of job postings by Burning Glass Technologies, "out of a total of more than 2 million certification requests in 2015, two-thirds ask for one of the top 50 certifications, and the top 100 represent a staggering 75% of total demand. Stated another way, only 4% of employer-requested certifications account for 75% of demand."

The following are examples of credentials and pathways aligned with the state's high priority industries.

Industry Occupation	Health Care	Information Technology	Manufacturing and Engineering Technology
Credentials	<ul style="list-style-type: none"> • OSHA General Industry–10 Hours • CPR for the Health Care Professional • American Red Cross First Aid • Medical Lab Assistant • Certified Nursing Assistant/Home Health Aide (CNA) 	<ul style="list-style-type: none"> • OSHA General Industry–10 Hours • Microsoft Office 2016 Specialist Master • Site Development Associate • Advanced HTML5 and CSS3 Specialist • Database Design Specialist • AP Computer Science 	<ul style="list-style-type: none"> • OSHA General Industry–10 Hours • MACWIC Level 1 Certification • MACWIC Level 2 Certification
Career Pathways after High School	<ul style="list-style-type: none"> • Home health aide • Nursing assistant • Clerical positions \$28,000–\$38,000 per year	<ul style="list-style-type: none"> • Fiber and cable technician • Telecom specialist • Network technician \$25,000–\$58,000 per year	<ul style="list-style-type: none"> • Fabricator • Welder • Quality control inspector \$35,000–\$50,000 per year
Career Pathways after Associates Degree	<ul style="list-style-type: none"> • EKG technician • Registered nurse (RN) ASN • Pharmacy technician \$55,000–\$85,000 per year	<ul style="list-style-type: none"> • Web designer/Programmer • Network Administrator • Database Administrator \$64,000–\$74,000 per year	<ul style="list-style-type: none"> • Tool and die machinist • CNC programmer • Production engineer \$45,000–\$62,000 per year
Career Pathways after Bachelor's Degree	<ul style="list-style-type: none"> • Physical therapist • Registered nurse (RN) BSN • Speech pathologist \$85,000–\$110,000+ per year	<ul style="list-style-type: none"> • Computer Engineer • Cyber Security • Network Security Specialist \$78,000 + per year	<ul style="list-style-type: none"> • Mechanical engineer • Metallurgist • Welding engineer \$65,000+ per year