

Occupational Programs Supporting Manufacturing Occupations Jackson TN Labor Market Area

| CIP Code | Program | Completions (2010) | Completions (2011) | Completions (2012) | Completions (2013) | Completions (2014) |
|----------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 52.0101 | Business/Commerce, General | 137 | 0 | 0 | 208 | 229 |
| 52.0201 | Business Administration and Management, General | 557 | 213 | 486 | 153 | 164 |
| 48.0508 | Welding Technology/Welder | 91 | 70 | 73 | 86 | 77 |
| 47.0303 | Industrial Mechanics and Maintenance Technology | 24 | 52 | 59 | 56 | 59 |
| 48.0501 | Machine Tool Technology/Machinist | 41 | 37 | 4 | 0 | 50 |
| 49.0205 | Truck and Bus Driver/Commercial Vehicle Operator and Instructor | 0 | 0 | 31 | 32 | 36 |
| 52.0301 | Accounting | 28 | 17 | 28 | 30 | 29 |
| 52.0402 | Executive Assistant/Executive Secretary | 0 | 0 | 0 | 6 | 29 |
| 47.0105 | Industrial Electronics Technology/Technician | 28 | 0 | 4 | 48 | 24 |
| 52.0305 | Accounting and Business/Management | 8 | 4 | 0 | 8 | 11 |
| 48.0503 | Machine Shop Technology/Assistant | 20 | 25 | 46 | 47 | 11 |
| 48.0507 | Tool and Die Technology/Technician | 8 | 14 | 9 | 13 | 9 |
| 14.1901 | Mechanical Engineering | 4 | 6 | 6 | 8 | 6 |
| 11.0701 | Computer Science | 4 | 1 | 4 | 4 | 6 |
| 52.1101 | International Business/Trade/Commerce | 3 | 3 | 3 | 3 | 4 |
| 14.1001 | Electrical and Electronics Engineering | 4 | 7 | 4 | 6 | 3 |
| 52.0401 | Administrative Assistant and Secretarial Science, General | 11 | 19 | 6 | 4 | 2 |
| 11.0103 | Information Technology | 0 | 0 | 1 | 0 | 1 |
| 15.0613 | Manufacturing Engineering Technology/Technician | 0 | 0 | 0 | 0 | 0 |

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|---------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|
| 52.9999 | Business, Management, Marketing, & Related Support Services, Other | 0 | 0 | 209 | 0 | 0 |
| 47.0399 | Heavy/Industrial Equipment Maintenance Technologies, Other | 0 | 0 | 0 | 0 | 0 |
| 52.0399 | Accounting and Related Services, Other | 0 | 0 | 0 | 0 | 0 |
| 52.0408 | General Office Occupations and Clerical Services | 0 | 0 | 0 | 0 | 0 |
| Totals | | 968 | 468 | 973 | 712 | 750 |

Institution Information

| Institution | Address |
|--|--|
| Bethel University | 325 Cherry Ave, McKenzie, TN 38201 |
| Freed-Hardeman University | 158 E Main St, Henderson, TN 38340-2399 |
| Jackson State Community College | 2046 North Pky, Jackson, TN 38301-3797 |
| Lambuth University/University of Memphis | 705 Lambuth Boulevard, Jackson, TN 38301 |
| Lane College | 545 Lane Ave, Jackson, TN 38301-4598 |
| Tennessee College of Applied Technology-McKenzie | 16940 Highland Dr, McKenzie, TN 38201 |
| Tennessee College of Applied Technology-Jackson | 2468 Technology Center Drive, Jackson, TN 38301 |
| Tennessee College of Applied Technology-Whiteville | 1685 Highway 64, Whiteville, TN 38075-0489 |
| Union University | 1050 Union University Dr, Jackson, TN 38305-3697 |
| West Tennessee Business College | 1186 Highway 45 Bypass, Jackson, TN 38301 |

Source: The national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics, EMSI.

Jackson TN Labor Market Estimated Labor Supply for Manufacturing Industry

9-County Labor Market Area

| | | |
|----|--|-------|
| 1 | Potential underemployment yield | 6,449 |
| 2 | Not employed, but interested in employment | 1,687 |
| 3 | New labor force entrants | 825 |
| 4 | Total potential applicants – 1 year | 8,962 |
| 6 | Qualified Applicants | 4,481 |
| 7 | Commute Propensity | 67.1% |
| 8 | Qualified Applicants Willing to Commute | 3,007 |
| 9 | 1 in 3 selectivity ratio | 1,002 |
| 10 | 1 in 5 selectivity ratio | 601 |

Explanatory Notes

- 1 Individuals currently working, but possess skills for higher employment levels in the specified occupations. From the labor study, 26% of those currently employed report they are underemployed with higher skill levels than the job they currently hold requires.
- 2 Based upon those not currently working, but interested in finding employment (unemployed, separating military, workers returning to the workforce after an absence, others employed, but not in the official unemployment count) with an assumed rate of experience of the specified occupations at the same ratio of those currently employed.
- 3 Growth component to account for new entrants into the labor force. Includes recent postsecondary completions and new residents that are likely to apply for data center industry positions.
- 4 Total eligible population.
- 6 Number of applicants shown in line 4 passing initial screening and offered an interview. The actual percentage will vary according to the skills required by the operation. It is assumed 50% would be qualified for the mix of jobs available.
- 7 Based upon the percentage of workers residing in Madison County or commuting into Madison County from the other counties in the Jackson TN Labor Market.
- 8 Number of applicants that are qualified for employment and either live in Madison County or would be willing to commute to Jackson for employment.
- 9 The number of employees an employer could hire assuming a selectivity ratio of one hire per three applicants.
- 11 The number of employees an employer could hire assuming a selectivity ratio of one hire per five applicants.

Source: Calculations by Younger Associates based upon data from BLS, IPEDS, 2014 Labor Study.