

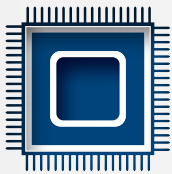


# ADVANCED TECHNOLOGY & MANUFACTURING

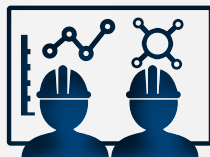
**TEXAS**  
WIDE OPEN  
FOR BUSINESS



The Advanced Technology and Manufacturing cluster is made up of three sub-clusters: nanotechnology, semi-conductors, and automotive manufacturing. Texas' world-class universities and research facilities, highly trained workforce, strong government and private business support, and a thriving business climate make Texas a national and global leader in all three sub-clusters.



Texas is the birthplace of the integrated circuit, invented by Texas Instruments' Jack Kilby in 1958.



The manufacturing industry employs over 899,500 Texans with an average annual wage of \$73,500.



Texas exported over \$23.2 billion in transportation equipment in 2014.



**TOYOTA**

Toyota and General Motors are the two largest auto manufacturing employers in the state.



Texas is the top U.S. state for manufacturing exports and value of shipments.



The buckyball, discovered at Rice University's Institute for Nanoscale Science & Technology won three professors the 1996 Nobel Prize in Chemistry.

## Education, Research, and Development

Texas universities and other educational institutions are heavily invested in research and development (R&D). In 2013, state expenditures for R&D at higher educational institutions exceeded \$3.7 billion, according to the Texas Higher Education Coordinating Board.

### Advanced Technology & Manufacturing Education and R&D Programs

- ★ Rice University - Richard E. Smalley Institute for Nanoscale Science and Technology, the Center for Biological and Environmental Nanotechnology, and the International Council on Nanotechnology
- ★ The University of Texas at Austin - Microelectronics Research Center
- ★ University of Houston - The Texas Center for Superconductivity

## Industry Private Workforce Averages

Texas' superior workforce, vibrant economy, and excellent business climate, along with the state's central location, relatively low production costs, and incentive funding have lured many U.S. and foreign business to expand or relocate in Texas.

Industry (Industry Code)	Employees	Firms	Average Annual Wage
Semiconductors & Electronics Components (3342)	12,036	169	\$119,123
Electronic Instrument Mfg. (3344)	43,106	422	\$109,921
Communications Equipment Mfg (3345)	22,960	257	\$83,749
Motor Vehicle Manufacturing (3361)	11,476	31	\$70,058
Motor Vehicle Body & Trailer Manufacturing (3362)	7,521	178	\$40,430
Motor Vehicle Parts Manufacturing (3363)	16,638	293	\$50,064

2013 data, private employment only. Source: BLS

## Select Companies Operating in Texas



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