

Mechanical Engineering

STARTING SALARY: \$58,600
MEDIAN INCOME: \$80,580



Mechanical engineers are the wheels of the world. The majority of people in this career are concerned with the motion of everything: from automobile wheels and systems, to roller coasters, to the inner workings of machines, to the motions of microscopic particles in a nanotechnology research facility or laboratory. This type of engineering is one of the broadest, oldest, and most diverse disciplines. Almost every object you used today was the handiwork of a mechanical engineer. Their creations can directly or indirectly benefit society and make an impact on all of us. Not many people can perform their jobs without them. Mechanical engineers use the principles of energy, mechanics, materials, mathematics, and engineering sciences to research, design, develop, test, and manufacture every kind of vehicle, power system, machine, and technological system: jet engines, steam engines, power plants, underwater structures, tractors for food production, hydraulic systems, transportation systems, medical devices, energy systems, sports equipment, smart materials, materials and structures for space travel, manufacturing processes, measurement devices, and more. Any type of machine that produces, transmits, or uses power is most likely the product of a mechanical engineer. They can work in testing, quality assurance, manufacturing, research, design, development, operations, management, production, marketing, sales, or product maintenance for large companies, small firms, or for themselves as consultants. There is hardly any aspect of life that has not been influenced by a mechanical engineer.

According to the Department of Labor, by the year 2018, there will be an extra 87,000 jobs for mechanical engineers and mechanical engineering is also listed as one of the top 50 occupations with the most openings that requires a bachelor's degree. The job is highly individualistic and flexible because it is so broad. Because so many companies and government facilities need machines and systems to be more competitive in today's global marketplace, graduates will find a substantially increased ability to make great money doing what they want and living where they want.

Job Outlook

Employment of mechanical engineers is projected to grow 5 percent from 2012 to 2022, slower than the average for all occupations. Job prospects may be best for those who stay abreast of the most recent advances in technology.

Industries with the highest levels of employment in this occupation:

1. Architectural, engineering, and related services
2. Machinery manufacturing
3. Transportation equipment manufacturing
4. Computer and electronic product manufacturing
5. Fabricated metal product manufacturing

Top paying industries for this occupation:

1. Computer and electronic product manufacturing
2. Architectural, engineering, and related services
3. Transportation equipment manufacturing
4. Machinery manufacturing
5. Fabricated metal product manufacturing

Source: US Bureau of Labor Statistics

These trends include:

- The creation of new materials featuring remarkable attributes of strength and lightness.
- The miniaturization of medical instruments and other tools.
- Flexible and programmable manufacturing systems allowing rapid switching from one product to another.
- Energy technologies development such as fuel cells, solar energy, wind farm development, more fuel efficient or alternative energy transportation systems, and management of environmental waste and hazards in compliance with stringent government regulations.
- Enhancement of the role of personal computers in engineering design and analysis.

As well, an increasing number of mechanical engineers will be needed to design and develop devices for the general public that will make their lives more convenient, cost effective, easier, more efficient, and more comfortable. These products can be anything from washers and dryers to cell phones and other electronic gadgets, to airplanes and other transportation.

Since mechanical engineering is such a broad discipline, select a school whose area of emphasis matches your own interests. For example, if you are interested in automotive engineering and wish to broaden your choice of schools, select a college that teaches mechanical engineering with an emphasis in automotive engineering such as the University of Illinois, Michigan, or Tennessee. If your primary interest is to make cars or any vehicle go faster, choose a school with an emphasis in combustion, materials, fluid mechanics, or thermodynamics. If you are interested in mechanical engineering and also biomedical engineering and want to work on hospital equipment, you can specialize in electrical engineering. Or choose an emphasis in chemical engineering if you want to work in the pharmaceutical industry. Mechanical engineers can also work on joint replacements such as artificial knees, hips, or elbows.

A great way to become more familiar with mechanical engineering is to check out the various divisions within the ASME website (www.asme.org). This list is an important learning tool because you will be able to clearly see the enormous impact that mechanical engineering has on our world. Essentially, you can combine almost any other technical interest such as internal combustion, computers, telecommunications, biomedical engineering, mechanics, materials, nuclear energy, alternative energy, noise control, aerospace, and much more with a degree in mechanical engineering.

Glossary of Terms

Alternative Fuel - a vehicular fuel that is not entirely derived from petroleum, as natural gas, hydrogen, or an alcohol mixture

Analyze - to study (something) closely and carefully : to learn the nature and relationship of the parts of (something) by a close and careful examination

Bachelor's Degree - An academic degree conferred by a college or university upon those who complete the undergraduate curriculum. Also called baccalaureate

Combustion - a chemical reaction that occurs when oxygen combines with other substances to produce heat and usually light

Design – to plan and make (something) for a specific use or purpose

Diverse – composed of distinct or unlike elements or qualities

Emissions - substances discharged into the air (as by a smokestack or an automobile engine)

Fluid Mechanics - The branch of mechanics that is concerned with the properties of gases and liquids

Fuel Cell – a device that continuously changes the chemical energy of a fuel (as hydrogen) and an oxidant directly into electrical energy

Fuel Efficient - producing power at a rate that is optimal with regard to the amount of fuel used by the vehicle

Hydraulic – operated by the pressure of a fluid

Manufacture - the process of making products especially with machines in factories

Microscopic – able to be seen only through a microscope: extremely small

Motion – an act, process, or instance of changing place

Nanotechnology – the science of working with atoms and molecules to build devices (such as robots) that are extremely small

Operation – performance of a practical work or of something involving the practical application of principles or processes

Particle – a minute quantity or fragment

Power Plant – a building or group of buildings in which electricity for a large area is produced

Research – careful study that is done to find and report new knowledge about something

Suspension – the system of devices (as springs) supporting the upper part of a vehicle on the axles

System - a group of related parts that move or work together

Test – critical examination, observation, or evaluation

Thermodynamics - a science that deals with the action of heat and related forms of energy

Transmit – to send (information, sound, etc.) in the form of electrical signals to a radio, television, computer, etc.

Transmission - an assembly of parts including the speed-changing gears and the propeller shaft by which the power is transmitted from an engine to a live axle; also: the speed-changing gears in such an assembly

Quality Assurance – a program for the systematic monitoring and evaluation of the various aspects of a project, service, or facility to ensure that standards of quality are being met

ABET Accredited Programs in Mechanical Engineering

School Name	Location	Website	Program and Degree Name
Alabama A&M University	Huntsville, AL, US	www.aamu.edu	Mechanical Engineering, BSME
Alfred University	Alfred, NY, US	www.alfred.edu	Mechanical Engineering, BS
Arizona State University	Tempe, AZ, US	www.asu.edu	Mechanical Engineering, BSE
Arkansas State University	Jonesboro, AR, US	www.astate.edu	Mechanical Engineering, BSME
Arkansas Tech University	Russellville, AR, US	www.atu.edu	Mechanical Engineering, BSME
Auburn University	Auburn, AL, US	www.auburn.edu	Mechanical Engineering, BME
Baker College	Flint, MI, US	www.baker.edu	Mechanical Engineering, BSME
Baylor University	Waco, TX, US	www.baylor.edu	Mechanical Engineering, BSME
Boise State University	Boise, ID, US	www.boisestate.edu	Mechanical Engineering, BS
Boston University	Boston, MA, US	www.bu.edu	Mechanical Engineering, BS
Bradley University	Peoria, IL, US	www.bradley.edu	Mechanical Engineering, BS
Brigham Young University	Provo, UT, US	www.byu.edu	Mechanical Engineering, BS
Brigham Young University - Idaho	Rexburg, ID, US	www.byui.edu	Mechanical Engineering, BS
Brown University	Providence, RI, US	www.brown.edu	Mechanical Engineering, BS
Bucknell University	Lewisburg, PA, US	www.bucknell.edu	Mechanical Engineering, BS
California Baptist University	Riverside, CA, US		Mechanical Engineering, BSME
California Institute of Technology	Pasadena, CA, US	www.caltech.edu	Mechanical Engineering, BS
California Maritime Academy	Vallejo, CA, US	www.csum.edu	Mechanical Engineering, BS
California Polytechnic State University, San Luis Obispo	San Luis Obispo, CA, US	www.calpoly.edu	Mechanical Engineering, BS
California State Polytechnic University, Pomona	Pomona, CA, US	www.csupomona.edu	Mechanical Engineering, BS
California State University, Chico	Chico, CA, US	www.csuchico.edu	Mechanical Engineering, BS
California State University, Fresno	Fresno, CA, US	www.csufresno.edu	Mechanical Engineering, BS
California State University, Fullerton	Fullerton, CA, US	www.fullerton.edu	Mechanical Engineering, BS
California State University, Long Beach	Long Beach, CA, US	www.csulb.edu	Mechanical Engineering, BS
California State University, Los Angeles	Los Angeles, CA, US	www.calstatela.edu	Mechanical Engineering, B.S.
California State University, Northridge	Northridge, CA, US	www.csun.edu	Mechanical Engineering, BS
California State University, Sacramento	Sacramento, CA, US	www.csus.edu	Mechanical Engineering, BS
Carnegie Mellon University	Pittsburgh, PA, US	www.cmu.edu	Mechanical Engineering, BS
Case Western Reserve University	Cleveland, OH, US	www.case.edu	Mechanical Engineering, BS
Cedarville University	Cedarville, OH, US	www.cedarville.edu	Mechanical Engineering, B.S.M.E.
Central Connecticut State University	New Britain, CT, US	www.ccsu.edu	Mechanical Engineering, BS
Central Michigan University	Mt. Pleasant, MI, US	www.cmich.edu	Mechanical Engineering, BSME
Christian Brothers University	Memphis, TN, US	www.cbu.edu	Mechanical Engineering, BS
City University of New York, City College	New York, NY, US	www.cuny.cuny.edu	Mechanical Engineering, BE
Clarkson University	Potsdam, NY, US	www.clarkson.edu	Mechanical Engineering, BS
Clemson University	Clemson, SC, US	www.clemson.edu	Mechanical Engineering, BS
Cleveland State University	Cleveland, OH, US	www.csuohio.edu/engineering	Mechanical Engineering, BS
Colorado State University	Fort Collins, CO, US	www.colostate.edu	Mechanical Engineering, BS
Columbia University	New York, NY, US	www.columbia.edu	Mechanical Engineering, BS
Cooper Union	New York, NY, US	www.cooper.edu	Mechanical Engineering, BS

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Cornell University	Ithaca, NY, US	www.cornell.edu	Mechanical Engineering, BS
Daniel Webster College	Nashua, NH, US	www.dwc.edu	Mechanical Engineering, B.S.M.E.
Drexel University	Philadelphia, PA, US	www.drexel.edu	Mechanical Engineering, BS
Duke University	Durham, NC, US	www.duke.edu	Mechanical Engineering, BSE
Eastern Washington University	Cheney, WA, US	www.ewu.edu	Mechanical Engineering, B.S.
Embry - Riddle Aeronautical University - Daytona Beach	Daytona Beach, FL, US	www.db.erau.edu	Mechanical Engineering, BS
Embry-Riddle Aeronautical University - Prescott	Prescott, AZ, US	prescott.erau.edu	Mechanical Engineering, BSME
Fairfield University	Fairfield, CT, US	www.fairfield.edu	Mechanical Engineering, BS
Florida A&M University	Tallahassee, FL, US	www.famu.edu	Mechanical Engineering, BS
Florida Atlantic University	Boca Raton, FL, US	www.fau.edu	Mechanical Engineering, BS
Florida Institute of Technology	Melbourne, FL, US	www.fit.edu	Mechanical Engineering, BS
Florida International University (Modesto Maidique Campus)	Miami, FL, US	www.fiu.edu	Mechanical Engineering, BS
Florida State University	Tallahassee, FL, US	www.fsu.edu	Mechanical Engineering, BS
Franklin W. Olin College of Engineering	Needham, MA, US	www.olin.edu	Mechanical Engineering, BSME
Gannon University	Erie, PA, US	www.gannon.edu	Mechanical Engineering, BSME
Georgia Institute of Technology	Atlanta, GA, US	www.gatech.edu	Mechanical Engineering, BS
Gonzaga University	Spokane, WA, US	www.gonzaga.edu	Mechanical Engineering, BS
Grand Valley State University	Allendale, MI, US	www.gvsu.edu	Mechanical Engineering, BSE
Grove City College	Grove City, PA, US	www.gcc.edu	Mechanical Engineering, BS
Harding University	Searcy, AR, US	www.harding.edu	Mechanical Engineering, BS
Hofstra University	Hempstead, NY, US	www.hofstra.edu	Mechanical Engineering, BS
Howard University	Washington, DC, US	www.howard.edu	Mechanical Engineering, BS
Idaho State University	Pocatello, ID, US	www.isu.edu	Mechanical Engineering, BS
Illinois Institute of Technology	Chicago, IL, US	www.iit.edu	Mechanical Engineering, BS
Indiana Institute of Technology	Fort Wayne, IN, US	www.indianatech.edu	Mechanical Engineering, BS
Indiana University - Purdue University Indianapolis	Indianapolis, IN, US	www.iupui.edu	Mechanical Engineering, BS
Indiana University-Purdue University Fort Wayne	Fort Wayne, IN, US	www.ipfw.edu	Mechanical Engineering, BSME
Inter American University of Puerto Rico, Bayamon Campus	Bayamon, PR, US	http://bc.inter.edu	Mechanical Engineering, B.S.
Iowa State University	Ames, IA, US	www.iastate.edu	Mechanical Engineering, BS
Kansas State University	Manhattan, KS, US	www.k-state.edu	Mechanical Engineering, BS
Kettering University	Flint, MI, US	www.kettering.edu	Mechanical Engineering, BSME
Lafayette College	Easton, PA, US	www.lafayette.edu	Mechanical Engineering, BS
Lake Superior State University	Sault Ste. Marie, MI, US	www.lssu.edu	Mechanical Engineering, BS
Lamar University	Beaumont, TX, US	www.lamar.edu	Mechanical Engineering, BS
Lawrence Technological University	Southfield, MI, US	www.ltu.edu	Mechanical Engineering, BS
Lehigh University	Bethlehem, PA, US	www.lehigh.edu	Mechanical Engineering, BS
Lipscomb University	Nashville, TN, US	www.lipscomb.edu	Mechanical Engineering, B.S.

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Louisiana State University and A&M College	Baton Rouge, LA, US	www.lsu.edu	Mechanical Engineering, BS
Louisiana Tech University	Ruston, LA, US	www.latech.edu	Mechanical Engineering, BS
Loyola Marymount University	Los Angeles, CA, US	www.lmu.edu	Mechanical Engineering, B.S.E.
Manhattan College	Riverdale, NY, US	www.manhattan.edu	Mechanical Engineering, BS
Marquette University	Milwaukee, WI, US	www.mu.edu	Mechanical Engineering, BSME
Massachusetts Institute of Technology	Cambridge, MA, US	www.mit.edu	Mechanical Engineering, BS
Miami University	Oxford, OH, US	www.muohio.edu	Mechanical Engineering, BS
Michigan State University	East Lansing, MI, US	www.msu.edu	Mechanical Engineering, BS
Michigan Technological University	Houghton, MI, US	www.mtu.edu	Mechanical Engineering, BS
Midwestern State University	Wichita Falls, TX, US	www.mwsu.edu	Mechanical Engineering, BS
Milwaukee School of Engineering	Milwaukee, WI, US	www.msoe.edu	Mechanical Engineering, BS
Minnesota State University, Mankato	Mankato, MN, US	www.mnsu.edu	Mechanical Engineering, BS
Mississippi State University	Mississippi State, MS, US	www.msstate.edu	Mechanical Engineering, BS
Missouri University of Science and Technology	Rolla, MO, US	www.mst.edu	Mechanical Engineering, BS
Montana State University - Bozeman	Bozeman, MT, US	www.montana.edu	Mechanical Engineering, BS
New Jersey Institute of Technology	Newark, NJ, US	www.njit.edu	Mechanical Engineering, BSME
New Mexico Institute of Mining and Technology	Socorro, NM, US	www.nmt.edu	Mechanical Engineering, BS
New Mexico State University	Las Cruces, NM, US	www.nmsu.edu	Mechanical Engineering, BSME
New York Institute of Technology	Old Westbury, NY, US	www.nyit.edu	Mechanical Engineering, BS
North Carolina Agricultural and Technical State University	Greensboro, NC, US	www.ncat.edu	Mechanical Engineering, BS
North Carolina State University at Raleigh	Raleigh, NC, US	www.ncsu.edu	Mechanical Engineering, BS
North Dakota State University	Fargo, ND, US	www.ndsu.edu	Mechanical Engineering, BS
Northeastern University	Boston, MA, US	www.northeastern.edu	Mechanical Engineering, BS
Northern Arizona University	Flagstaff, AZ, US	www.nau.edu	Mechanical Engineering, BSE
Northern Illinois University	Dekalb, IL, US	www.niu.edu	Mechanical Engineering, B.S.
Northwestern University	Evanston, IL, US	www.northwestern.edu	Mechanical Engineering, BS
Norwich University	Northfield, VT, US	www.norwich.edu	Mechanical Engineering, BS
Oakland University	Rochester, MI, US	www.oakland.edu	Mechanical Engineering, BSE
Ohio Northern University	Ada, OH, US	www.onu.edu	Mechanical Engineering, BSME
Ohio University	Athens, OH, US	www.ohiou.edu	Mechanical Engineering, BS
Oklahoma Christian University	Oklahoma City, OK, US	www.oc.edu	Mechanical Engineering, BS
Oklahoma State University	Stillwater, OK, US	www.osu.okstate.edu	Mechanical Engineering, BSME
Old Dominion University	Norfolk, VA, US	www.odu.edu	Mechanical Engineering, BS
Oregon Institute of Technology	Klamath Falls, OR, US	www.oit.edu	Mechanical Engineering, BS
Oregon State University	Corvallis, OR, US	www.oregonstate.edu	Mechanical Engineering, BS
Pennsylvania State University	University Park, PA, US	www.psu.edu	Mechanical Engineering, BS
Pennsylvania State University, Behrend College	Erie, PA, US	http://psbehrend.psu.edu	Mechanical Engineering, BS

ABET Accredited Programs in Mechanical Engineering

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Pennsylvania State University, Harrisburg, The Capital College	Middletown, PA, US	www.hbg.psu.edu	Mechanical Engineering, B.S.
Philadelphia University	Philadelphia, PA, US	www.philau.edu	Mechanical Engineering, B.S.E.
Polytechnic Institute of New York University	Brooklyn, NY, US	www.poly.edu	Mechanical Engineering, BS
Polytechnic University of Puerto Rico	San Juan, PR, US	www.pupr.edu	Mechanical Engineering, BS
Portland State University	Portland, OR, US	www.pdx.edu	Mechanical Engineering, BS
Prairie View A&M University	Prairie View, TX, US	www.pvamu.edu	Mechanical Engineering, BSME
Princeton University	Princeton, NJ, US	www.princeton.edu/index.shtml	Mechanical Engineering, BSE
Purdue University at West Lafayette	West Lafayette, IN, US	www.purdue.edu	Mechanical Engineering, BS
Purdue University Calumet	Hammond, IN, US	www.purduecal.edu	Mechanical Engineering, BS
Purdue University North Central	Westville, IN, US	www.pnc.edu	Mechanical Engineering, B.S.
Rensselaer Polytechnic Institute	Troy, NY, US	www.rpi.edu	Mechanical Engineering, BS
Rice University	Houston, TX, US	www.rice.edu	Mechanical Engineering, BSME
Rochester Institute of Technology	Rochester, NY, US	www.rit.edu	Mechanical Engineering, BS
Rose-Hulman Institute of Technology	Terre Haute, IN, US	www.rose-hulman.edu	Mechanical Engineering, BS
Rowan University	Glassboro, NJ, US	www.rowan.edu	Mechanical Engineering, BS
Rutgers, The State University of New Jersey	New Brunswick, NJ, US	www.rutgers.edu	Mechanical Engineering, BS
Saginaw Valley State University	University Center, MI, US	www.svsu.edu	Mechanical Engineering, BSME
Saint Louis University	St. Louis, MO, US	parks.slu.edu	Mechanical Engineering, BS
Saint Martin's University	Lacey, WA, US	www.stmartin.edu	Mechanical Engineering, BS
San Diego State University	San Diego, CA, US	www.sdsu.edu	Mechanical Engineering, BS
San Francisco State University	San Francisco, CA, US	www.sfsu.edu	Mechanical Engineering, BS
San Jose State University	San Jose, CA, US	www.sjsu.edu	Mechanical Engineering, BS
Santa Clara University	Santa Clara, CA, US	www.scu.edu	Mechanical Engineering, BSME
Seattle University	Seattle, WA, US	www.seattleu.edu	Mechanical Engineering, BSME
South Dakota School of Mines and Technology	Rapid City, SD, US	www.sdsmt.edu	Mechanical Engineering, BS
South Dakota State University	Brookings, SD, US	www3.sdstate.edu/	Mechanical Engineering, BS
Southern Illinois University at Carbondale	Carbondale, IL, US	www.siu.edu	Mechanical Engineering, BS
Southern Illinois University Edwardsville	Edwardsville, IL, US	www.siu.edu	Mechanical Engineering, BS
Southern Methodist University	Dallas, TX, US	www.smu.edu	Mechanical Engineering, BSME
Southern University and Agricultural & Mechanical College	Baton Rouge, LA, US	www.subr.edu	Mechanical Engineering, BS
St. Cloud State University	St. Cloud, MN, US	www.stcloudstate.edu	Mechanical Engineering, BS ME
Stanford University	Stanford, CA, US	www.stanford.edu	Mechanical Engineering, BS
State University of New York at Binghamton	Binghamton, NY, US	www.binghamton.edu	Mechanical Engineering, BS
State University of New York at Buffalo	Buffalo, NY, US	www.buffalo.edu	Mechanical Engineering, BS
State University of New York Maritime College	Bronx, NY, US	www.sunymaritime.edu	Mechanical Engineering, BE

ABET Accredited Programs in Mechanical Engineering

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Stevens Institute of Technology	Hoboken, NJ, US	www.stevens.edu	Mechanical Engineering, BE
Stony Brook University	New York, NY, US	www.sunysb.edu	Mechanical Engineering, BE
Syracuse University	Syracuse, NY, US	www.syr.edu	Mechanical Engineering, BS
Temple University	Philadelphia, PA, US	www.temple.edu	Mechanical Engineering, BS
Tennessee State University	Nashville, TN, US	www.tnstate.edu	Mechanical Engineering, BS
Tennessee Technological University	Cookeville, TN, US	www.tntech.edu	Mechanical Engineering, BS
Texas A&M University	College Station, TX, US	www.tamu.edu	Mechanical Engineering, BS
Texas A&M University - Corpus Christi	Corpus Christi, TX, US	www.tamucc.edu	Mechanical Engineering, B.S.
Texas A&M University - Kingsville	Kingsville, TX, US	www.tamuk.edu	Mechanical Engineering, BS
Texas Tech University	Lubbock, TX, US	www.texastech.edu	Mechanical Engineering, BS
The Catholic University of America	Washington, DC, US	www.cua.edu	Mechanical Engineering, BS
The College of New Jersey	Ewing, NJ, US	www.tcnj.edu	Mechanical Engineering, BSME
The George Washington University	Washington, DC, US	www.gwu.edu	Mechanical Engineering, BS
The Johns Hopkins University	Baltimore, MD, US	www.jhu.edu	Mechanical Engineering, BS
The Ohio State University	Columbus, OH, US	www.osu.edu	Mechanical Engineering, BSME
The University of Akron	Akron, OH, US	www.uakron.edu	Mechanical Engineering, BS
The University of Akron	Akron, OH, US	www.uakron.edu	Mechanical-Polymer Engineering, BS
The University of Akron	Akron, OH, US	www.uakron.edu	Mechanical-Polymer Engineering, BS
The University of Alabama	Tuscaloosa, AL, US	www.ua.edu	Mechanical Engineering, BSME
The University of Alabama in Huntsville	Huntsville, AL, US	www.uah.edu	Mechanical Engineering, BSE
The University of Kansas	Lawrence, KS, US	www.ku.edu	Mechanical Engineering, BS
The University of Memphis	Memphis, TN, US	www.memphis.edu	Mechanical Engineering, BS
The University of Texas - Pan American	Edinburg, TX, US	www.utpa.edu	Mechanical Engineering, BSME
The University of Texas at San Antonio	San Antonio, TX, US	www.utsa.edu	Mechanical Engineering, BS
The University of Toledo	Toledo, OH, US	www.utoledo.edu	Mechanical Engineering, BS
The University of Tulsa	Tulsa, OK, US	www.utulsa.edu	Mechanical Engineering, BS
Trine University	Angola, IN, US	trine.edu/wearetrine	Mechanical Engineering, BSME
Tufts University	Medford, MA, US	www.tufts.edu	Mechanical Engineering, BS
Tuskegee University	Tuskegee, AL, US	www.tuskegee.edu	Mechanical Engineering, BS
Union College	Schenectady, NY, US	www.union.edu	Mechanical Engineering, BS
United States Air Force Academy	USAFA, CO, US	www.usafa.af.mil	Mechanical Engineering, BS
United States Coast Guard Academy	New London, CT, US	www.cga.edu	Mechanical Engineering, BS
United States Military Academy	West Point, NY, US	www.usma.edu	Mechanical Engineering, BS
United States Naval Academy	Annapolis, MD, US	www.usna.edu	Mechanical Engineering, BS
University of Alabama at Birmingham	Birmingham, AL, US	www.uab.edu	Mechanical Engineering, BS
University of Alaska Anchorage	Anchorage, AK, US	www.uaa.alaska.edu	Mechanical Engineering, BSE
University of Alaska Fairbanks	Fairbanks, AK, US	www.uaf-cem@alaska.edu	Mechanical Engineering, BS
University of Arizona	Tucson, AZ, US	www.arizona.edu	Mechanical Engineering, BSME
University of Arkansas	Fayetteville, AR, US	www.uark.edu	Mechanical Engineering, BS

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University of California, Berkeley	Berkeley, CA, US	www.berkeley.edu	Mechanical Engineering, BS
University of California, Davis	Davis, CA, US	www.ucdavis.edu	Mechanical Engineering, BS
University of California, Irvine	Irvine, CA, US	http://www.uci.edu/	Mechanical Engineering, BS
University of California, Los Angeles	Los Angeles, CA, US	www.ucla.edu	Mechanical Engineering, BS
University of California, Riverside	Riverside, CA, US	www.ucr.edu	Mechanical Engineering, BS
University of California, San Diego	La Jolla, CA, US	www.ucsd.edu	Mechanical Engineering, BS
University of California, Santa Barbara	Santa Barbara, CA, US	www.ucsb.edu	Mechanical Engineering, BS
University of Central Florida	Orlando, FL, US	www.ucf.edu	Mechanical Engineering, BS
University of Cincinnati	Cincinnati, OH, US	www.uc.edu	Mechanical Engineering, BS
University of Colorado at Boulder	Boulder, CO, US	www.colorado.edu	Mechanical Engineering, BS
University of Colorado at Colorado Springs	Colorado Springs, CO, US	www.uccs.edu	Mechanical Engineering, BS
University of Colorado Denver	Denver, CO, US	www.ucdenver.edu	Mechanical Engineering, BS
University of Connecticut	Storrs, CT, US	www.uconn.edu	Mechanical Engineering, BSE
University of Dayton	Dayton, OH, US	www.udayton.edu	Mechanical Engineering, BME
University of Delaware	Newark, DE, US	www.udel.edu	Mechanical Engineering, BS
University of Denver	Denver, CO, US	www.du.edu	Mechanical Engineering, BSME
University of Detroit Mercy	Detroit, MI, US	www.udmercy.edu	Mechanical Engineering, BS
University of Evansville	Evansville, IN, US	www.evansville.edu	Mechanical Engineering, BSME
University of Florida	Gainesville, FL, US	www.ufl.edu	Mechanical Engineering, BS
University of Hartford	West Hartford, CT, US	www.hartford.edu	Mechanical Engineering, BSME
University of Hawaii at Manoa	Honolulu, HI, US	www.manoa.hawaii.edu	Mechanical Engineering, BS
University of Houston	Houston, TX, US	www.uh.edu	Mechanical Engineering, BSME
University of Idaho	Moscow, ID, US	www.uidaho.edu	Mechanical Engineering, BS
University of Illinois at Chicago	Chicago, IL, US	www.uic.edu	Mechanical Engineering, BS
University of Illinois at Urbana - Champaign	Urbana, IL, US	www.illinois.edu	Mechanical Engineering, BS
University of Iowa	Iowa City, IA, US	www.uiowa.edu	Mechanical Engineering, BSE
University of Kentucky	Lexington, KY, US	www.uky.edu	Mechanical Engineering, BSME
University of Kentucky (Extended Campus-Paducah)	Paducah, KY, US	www.uky.edu	Mechanical Engineering, BSME
University of Louisiana at Lafayette	Lafayette, LA, US	www.louisiana.edu	Mechanical Engineering, BS
University of Louisville	Louisville, KY, US	www.louisville.edu	Mechanical Engineering, BS
University of Maine	Orono, ME, US	www.umaine.edu	Mechanical Engineering, BS
University of Maryland Baltimore County	Baltimore, MD, US	www.umbc.edu	Mechanical Engineering, BS
University of Maryland College Park	College Park, MD, US	www.umd.edu	Mechanical Engineering, BS
University of Massachusetts Amherst	Amherst, MA, US	www.umass.edu	Mechanical Engineering, BS
University of Massachusetts Dartmouth	North Dartmouth, MA, US	www.umassd.edu	Mechanical Engineering, BSME
University of Massachusetts Lowell	Lowell, MA, US	www.uml.edu	Mechanical Engineering, BS
University of Miami	Coral Gables, FL, US	www.miami.edu	Mechanical Engineering, BSME
University of Michigan	Ann Arbor, MI, US	www.umich.edu	Mechanical Engineering, BSE

ABET Accredited Programs in Mechanical Engineering

School Name	Location	Website	Program and Degree Name
University of Michigan - Dearborn	Dearborn, MI, US	www.umd.umich.edu	Mechanical Engineering, BSE
University of Minnesota - Twin Cities	Minneapolis, MN, US	www.umn.edu	Mechanical Engineering, BME
University of Minnesota Duluth	Duluth, MN, US	www.d.umn.edu	Mechanical Engineering, BSME
University of Mississippi	University, MS, US	www.olemiss.edu	Mechanical Engineering, BS
University of Missouri - Kansas City	Kansas City, MO, US	www.umkc.edu	Mechanical Engineering, BSME
University of Missouri - St. Louis	St. Louis, MO, US	www.umsl.edu	Mechanical Engineering, BSME
University of Missouri-Columbia	Columbia, MO, US	www.missouri.edu	Mechanical Engineering, BSME
University of Nebraska - Lincoln	Lincoln, NE, US	www.unl.edu	Mechanical Engineering, BS
University of Nevada, Reno	Reno, NV, US	www.unr.edu	Mechanical Engineering, BS
University of Nevada-Las Vegas	Las Vegas, NV, US	www.unlv.edu	Mechanical Engineering, BSE
University of New Hampshire	Durham, NH, US	www.unh.edu	Mechanical Engineering, BSME
University of New Haven	West Haven, CT, US	www.newhaven.edu/8/	Mechanical Engineering, BS
University of New Mexico	Albuquerque, NM, US	www.unm.edu	Mechanical Engineering, BS
University of New Orleans	New Orleans, LA, US	www.uno.edu	Mechanical Engineering, BSME
University of North Carolina at Charlotte	Charlotte, NC, US	www.uncc.edu	Mechanical Engineering, BS
University of North Dakota	Grand Forks, ND, US	www.und.edu	Mechanical Engineering, BS
University of North Florida	Jacksonville, FL, US	www.unf.edu	Mechanical Engineering, BS
University of North Texas	Denton, TX, US	www.unt.edu	Mechanical and Energy Engineering, B.S.
University of Notre Dame	Notre Dame, IN, US	www.nd.edu	Mechanical Engineering, BS
University of Oklahoma	Norman, OK, US	www.ou.edu	Mechanical Engineering, BS
University of Pennsylvania	Philadelphia, PA, US	www.upenn.edu	Mechanical Engineering and Applied Mechanics, BSE
University of Pittsburgh	Pittsburgh, PA, US	www.pitt.edu	Mechanical Engineering, BS
University of Portland	Portland, OR, US	www.up.edu	Mechanical Engineering, BS
University of Puerto Rico, Mayaguez Campus	Mayaguez, PR, US	www.uprm.edu	Mechanical Engineering, BS
University of Rhode Island	Kingston, RI, US	www.uri.edu	Mechanical Engineering, BS
University of Rochester	Rochester, NY, US	www.rochester.edu	Mechanical Engineering, BS
University of San Diego	San Diego, CA, US	www.sandiego.edu	Mechanical Engineering, BS/BA
University of South Alabama	Mobile, AL, US	www.usouthal.edu	Mechanical Engineering, BS
University of South Carolina	Columbia, SC, US	www.sc.edu	Mechanical Engineering, BSE
University of South Florida	Tampa, FL, US	www.usf.edu	Mechanical Engineering, BS
University of Southern California	Los Angeles, CA, US	www.usc.edu	Mechanical Engineering, BS
University of St. Thomas	St. Paul, MN, US	www.stthomas.edu	Mechanical Engineering, BSME
University of Tennessee at Chattanooga	Chattanooga, TN, US	www.utc.edu	Mechanical Engineering, BSME
University of Tennessee at Knoxville	Knoxville, TN, US	www.utk.edu	Mechanical Engineering, BS
University of Texas at Arlington	Arlington, TX, US	www.uta.edu	Mechanical Engineering, BS
University of Texas at Austin	Austin, TX, US	www.utexas.edu	Mechanical Engineering, BS
University of Texas at Dallas	Richardson, TX, US	www.utdallas.edu	Mechanical Engineering, B.S.M.E.
University of Texas at El Paso	El Paso, TX, US	www.utep.edu	Mechanical Engineering, BSME
University of Texas at Tyler	Tyler, TX, US	www.uttyler.edu	Mechanical Engineering, BSME

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School Name	Location	Website	Program and Degree Name
University of Texas of the Permian Basin	Odessa, TX, US	www.utpb.edu	Mechanical Engineering, B.S.
University of the District of Columbia	Washington, DC, US	www.udc.edu	Mechanical Engineering, BSME
University of the Pacific	Stockton, CA, US	www.pacific.edu/	Mechanical Engineering, BS
University of Turabo	Gurabo, PR, US		Mechanical Engineering, BS
University of Utah	Salt Lake City, UT, US	www.utah.edu	Mechanical Engineering, BS
University of Vermont	Burlington, VT, US	www.uvm.edu/~cems/	Mechanical Engineering, BS
University of Virginia	Charlottesville, VA, US	www.virginia.edu	Mechanical Engineering, BS
University of Washington	Seattle, WA, US	www.engr.washington.edu	Mechanical Engineering, BSME
University of Wisconsin - Madison	Madison, WI, US	www.wisc.edu	Mechanical Engineering, BS
University of Wisconsin - Platteville	Platteville, WI, US	www.uwplatt.edu	Mechanical Engineering, BS
University of Wisconsin-Milwaukee	Milwaukee, WI, US	www.uwm.edu	Mechanical Engineering, BSE
University of Wyoming	Laramie, WY, US	www.uwyo.edu	Mechanical Engineering, BS
Utah State University	Logan, UT, US	www.usu.edu	Mechanical Engineering, BS
Valparaiso University	Valparaiso, IN, US	www.valpo.edu	Mechanical Engineering, BS
Vanderbilt University	Nashville, TN, US	www.vanderbilt.edu	Mechanical Engineering, BE
Villanova University	Villanova, PA, US	www.villanova.edu	Mechanical Engineering, BS
Virginia Commonwealth University	Richmond, VA, US	www.vcu.edu	Mechanical Engineering, BS
Virginia Military Institute	Lexington, VA, US	www.vmi.edu	Mechanical Engineering, BSME
Virginia Polytechnic Institute and State University	Blacksburg, VA, US	www.vt.edu	Mechanical Engineering, BS
Washington State University	Pullman, WA, US	www.wsu.edu	Mechanical Engineering, BS
Washington State University - Vancouver	Vancouver, WA, US	www.vancouver.wsu.edu	Mechanical Engineering, BS
Washington University	St. Louis, MO, US	www.wustl.edu	Mechanical Engineering, BS
Wayne State University	Detroit, MI, US	www.wayne.edu	Mechanical Engineering, BSME
West Texas A&M University	Canyon, TX, US	www.wtamu.edu	Mechanical Engineering, BS
West Virginia University	Morgantown, WV, US	www.wvu.edu	Mechanical Engineering, BS
West Virginia University Institute of Technology	Montgomery, WV, US	www.wvutec.edu	Mechanical Engineering, BS
Western Kentucky University	Bowling Green, KY, US	www.wku.edu/engineering	Mechanical Engineering, BS
Western Michigan University	Kalamazoo, MI, US	www.wmich.edu	Mechanical Engineering, BSE
Western New England College	Springfield, MA, US	www.wnec.edu	Mechanical Engineering, BS
Wichita State University	Wichita, KS, US	www.wichita.edu	Mechanical Engineering, BS
Widener University	Chester, PA, US	www.widener.edu	Mechanical Engineering, BS
Wilkes University	Wilkes-Barre, PA, US	www.wilkes.edu	Mechanical Engineering, BS
Worcester Polytechnic Institute	Worcester, MA, US	www.wpi.edu	Mechanical Engineering, BS
Wright State University	Dayton, OH, US	www.wright.edu	Mechanical Engineering, BS
Yale University	New Haven, CT, US	www.seas.yale.edu	Mechanical Engineering, BS
York College of Pennsylvania	York, PA, US	www.ycp.edu	Mechanical Engineering, BS
Youngstown State University	Youngstown, OH, US	www.ysu.edu	Mechanical Engineering, BE