Telecommunications Engineering

Starting salary: \$57,600 Median Income: \$89,630



Telecommunications is a specialization within electrical engineering that is expected to grow by leaps and bounds. Cellular telephones, palmpilots, videophones, and wireless communication are everywhere. Satellite signals, microwaves, and fiber-optic trunks are all part of the specialized telecommunications industry.

Communications possibilities that were not dreamed of a few years ago -- video cell phones, online video conferencing, and international broadcasting of concerts, conferences and tutorials -- are transforming the telecommunication field. Teamwork between engineers, software designers, and artists is required to design the devices of tomorrow. Wireless networks are dominating the market and have become as reliable as the fiber-optic lines. Innovative companies will rush to market with products such as wearable computers and components that combine micro-technologies into miniature chip sets. Specialized network equipment for new and innovative applications will become available, and existing network equipment will be upgraded or replaced. Exciting new technologies will create new jobs; the opportunities are only limited by your imagination.

Major communications service providers in the United States that employ telecommunications engineers include AT&T, Bell Companies (Bell-South, Pacific Bell, etc.), Comcast, GTE, Verizon, NTT, Sprint, and TCI. Other large employers, such as Bellcore, Cisco, Ericsson, Lucent Technologies (including Bell Laboratories), Newbridge, Nokia, and Nortel, focus on research and product development. For more information, visit the IEEE website at www.ieee.org.

Job Outlook

Employment of telecommunications engineers, electrical and electronics engineers, is projected to grow 4 percent from 2012 to 2022, slower than the average for all occupations. Job growth is expected because of electrical and electronics engineers' versatility in developing and applying emerging technologies.

Industries with the highest levels of employment in this occupation:

- 1. Engineering services
- Electric power generation, transmission and distribution
- 3. Navigational, measuring, electromedical, and control instruments manufacturing
- Semiconductor and other electronic component manufacturing
- 5. Machinery manufacturing

Top paying industries for this occupation:

- Federal government, excluding postal service
- Semiconductor and other electronic component manufacturing
- 3. Architectural, engineering, and related services
- 4. Navigational, measuring, electromedical, and control instruments manufacturing
- 5. Telecommunications

Source: US Bureau of Labor Statistics

Glossary of Terms

Communications – the ways of sending information to people by using technology (merriam-webster. com)

Digital – of or relating to information that is stored in the form of the numbers 0 and 1 (merriam-webster.com)

Fiber Optics - the use of thin threads of glass or plastic to carry very large amounts of information in the form of light signals (merriam-webster.com)

Optics – the science that studies light and the way it affects and is affected by other things (merriam-webster.com)

Signals - a detectable physical quantity or impulse (as a voltage, current, or magnetic field strength) by which messages or information can be transmitted (merriam-webster.com)

System - a group of related parts that move or work together (merriam-webster.com)

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School Name and Location	on	Website	Program and Degree Name
Alabama A&M University	Huntsville, AL, US	www.aamu.edu	Electrical Engineering, BSEE
Alfred University	Alfred, NY, US	www.alfred.edu	Electrical Engineering, BS
Arizona State University	Tempe, AZ, US	www.asu.edu	Electrical Engineering, BSE
Arkansas State University	Jonesboro, AR, US	www.astate.edu	Electrical Engineering, BSEE
Arkansas Tech University	Russellville, AR, US	www.atu.edu	Electrical Engineering, BSEE
Auburn University	Auburn, AL, US	www.auburn.edu	Electrical Engineering with Computer
			Engineering Option, BEE
Auburn University	Auburn, AL, US	www.auburn.edu	Electrical Engineering, BEE
Baylor University	Waco, TX, US	www.baylor.edu	Electrical and Computer Engineering, BSECE
Baylor University	Waco, TX, US	www.baylor.edu	Electrical and Computer Engineering, BSECE
Boise State University	Boise, ID, US	www.boisestate.edu	Electrical Engineering, BS
Boston University	Boston, MA, US	www.bu.edu	Electrical Engineering, BS
Bradley University	Peoria, IL, US	www.bradley.edu	Electrical Engineering, BS
Brigham Young University	Provo, UT, US	www.byu.edu	Electrical Engineering, BS
Brigham Young University - Idaho	Rexburg, ID, US	www.byui.edu	Electrical Engineeing, B.S.
Brown University	Providence, RI, US	www.brown.edu	Electrical Engineering, BS
Bucknell University	Lewisburg, PA, US	www.bucknell.edu	Electrical Engineering, BS
California Baptist University	Riverside, CA, US		Electrical and Computer Engineering, BSECE
California Institute of Technology	Pasadena, CA, US	www.caltech.edu	Electrical Engineering, BS
California Polytechnic State University, San Luis Obispo	San Luis Obispo, CA, US	www.calpoly.edu	Electrical Engineering, BS
California State Polytechnic University, Pomona	Pomona, CA, US	www.csupomona.edu	Electrical Engineering, BS
California State University, Chico	Chico, CA, US	www.csuchico.edu	Electrical/Electronic(s) Engineering, BS
California State University, Fresno	Fresno, CA, US	www.csufresno.edu	Electrical Engineering, BS
California State University, Fullerton	Fullerton, CA, US	www.fullerton.edu	Electrical Engineering, BS
California State University, Long Beach	Long Beach, CA, US	www.csulb.edu	Electrical Engineering, BS
California State University, Los Angeles	Los Angeles, CA, US	www.calstatela.edu	Electrical Engineering, B.S.
California State University, Northridge	Northridge, CA, US	www.csun.edu	Electrical Engineering, BS
California State University, Sacramento	Sacramento, CA, US	www.csus.edu	Electrical and Electronic(s) Engineering, BS
Capitol College	Laurel, MD, US	www.capitol-college.edu	Electrical Engineering, BS
Carnegie Mellon University	Pittsburgh, PA, US	www.cmu.edu	Electrical and Computer Engineering, BS
Case Western Reserve University	Cleveland, OH, US	www.case.edu	Electrical Engineering, BS

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School Name and Location	on	Website	Program and Degree Name
Cedarville University	Cedarville, OH, US	www.cedarville.edu	Electrical Engineering, B.S.E.E.
Central Michigan University	Mt. Pleasant, MI, US	www.cmich.edu	Electrical Engineering, BSEE
Christian Brothers University	Memphis, TN, US	www.cbu.edu	Electrical Engineering, BS
City University of New York, City College	New York, NY, US	www.ccny.cuny.edu	Electrical Engineering, BE
Clarkson University	Potsdam, NY, US	www.clarkson.edu	Electrical Engineering, BS
Clemson University	Clemson, SC, US	www.clemson.edu	Electrical Engineering, BS
Cleveland State University	Cleveland, OH, US	www.csuohio.edu/ engineering	Electrical Engineering, BS
Colorado State University	Fort Collins, CO, US	www.colostate.edu	Electrical Engineering, BS
Colorado Technical University	Colorado Springs, CO, US	www.coloradotech.edu	Electrical Engineering, BS
Columbia University	New York, NY, US	www.columbia.edu	Electrical Engineering, BS
Cooper Union	New York, NY, US	www.cooper.edu	Electrical Engineering, BS
Cornell University	Ithaca, NY, US	www.cornell.edu	Electrical and Computer Engineering, BS
Drexel University	Philadelphia, PA, US	www.drexel.edu	Electrical Engineering, BS
Duke University	Durham, NC, US	www.duke.edu	Electrical and Computer Engineering, BSE
Eastern Washington University	Cheney, WA, US	www.ewu.edu	Electrical Engineering, BS
Embry - Riddle Aeronautical University - Daytona Beach	Daytona Beach, FL, US	www.db.erau.edu	Electrical Engineering, BS
Embry-Riddle Aeronautical University - Prescott	Prescott, AZ, US	prescott.erau.edu	Electrical Engineering, BSEE
Fairfield University	Fairfield, CT, US	www.fairfield.edu	Electrical Engineering, BS
Fairleigh Dickinson University (Metropolitan Campus)	Teaneck, NJ, US	www.fdu.edu	Electrical Engineering, BS
Florida A&M University	Tallahassee, FL, US	www.famu.edu	Electrical Engineering, BS
Florida Atlantic University	Boca Raton, FL, US	www.fau.edu	Electrical Engineering, BS
Florida Institute of Technology	Melbourne, FL, US	www.fit.edu	Electrical Engineering, BS
Florida International University (Modesto Maidique Campus)	Miami, FL, US	www.fiu.edu	Electrical Engineering, BS
Florida State University	Tallahassee, FL, US	www.fsu.edu	Electrical Engineering, BS
Franklin W. Olin College of Engineering	Needham, MA, US	www.olin.edu	Electrical and Computer Engineering, BSECE
Gannon University	Erie, PA, US	www.gannon.edu	Electrical Engineering, BSEE
George Mason University	Fairfax, VA, US	www.gmu.edu	Electrical Engineering, BS-EE
Georgia Institute of Technology	Atlanta, GA, US	www.gatech.edu	Electrical Engineering, BS
Gonzaga University	Spokane, WA, US	www.gonzaga.edu	Electrical Engineering, BS
Grand Valley State University	Allendale, MI, US	www.gvsu.edu	Electrical Engineering, BSE
Grove City College	Grove City, PA, US	www.gcc.edu	Electrical Engineering, BS
Hampton University	Hampton, VA, US	www.hamptonu.edu	Electrical Engineering, BS
Harding University	Searcy, AR, US	www.harding.edu	Electrical Engineering, BS
Hofstra University	Hempstead, NY, US	www.hofstra.edu	Electrical Engineering, BS
Howard University	Washington, DC, US	www.howard.edu	Electrical Engineering, BS

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School Name and Location	on	Website	Program and Degree Name	
Idaho State University	Pocatello, ID, US	www.isu.edu	Electrical Engineering, BS	
Illinois Institute of Technology	Chicago, IL, US	www.iit.edu	Electrical Engineering, BS	
Indiana Institute of Technology	Fort Wayne, IN, US	www.indianatech.edu	Electrical Engineering, BS	
Indiana University - Purdue University Indianapolis	Indianapolis, IN, US	www.iupui.edu	Electrical Engineering, BS	
Indiana University-Purdue University Fort Wayne	Fort Wayne, IN, US	www.ipfw.edu	Electrical Engineering, BSEE	
Inter American University of Puerto Rico, Bayamon Campus	Bayamon, PR, US	http://bc.inter.edu	Electrical Engineering, B.S.	
Iowa State University	Ames, IA, US	www.iastate.edu	Electrical Engineering, BS	
Kansas State University	Manhattan, KS, US	www.k-state.edu	Electrical Engineering, BS	
Kettering University	Flint, MI, US	www.kettering.edu	Electrical Engineering, BSEE	
Lafayette College	Easton, PA, US	www.lafayette.edu	Electrical and Computer Engineering, BS	
Lake Superior State University	Sault Ste. Marie, MI, US	www.lssu.edu	Electrical Engineering, BS	
Lamar University	Beaumont, TX, US	www.lamar.edu	Electrical Engineering, BS	
Lawrence Technological University	Southfield, MI, US	www.ltu.edu	Electrical Engineering, BS	
Lehigh University	Bethlehem, PA, US	www.lehigh.edu	Electrical Engineering, BS	
Liberty University	Lynchburg, VA, US	www.liberty.edu	Electrical Engineering, B.S.	
Lipscomb University	Nashville, TN, US	www.lipscomb.edu	Electrical and Computer Engineering, B.S.	
Louisiana State University and A&M College	Baton Rouge, LA, US	www.lsu.edu	Electrical Engineering, BS	
Louisiana Tech University	Ruston, LA, US	www.latech.edu	Electrical Engineering, BS	
Loyola Marymount University	Los Angeles, CA, US	www.lmu.edu	Electrical Engineering, B.S.E.	
Manhattan College	Riverdale, NY, US	www.manhattan.edu	Electrical Engineering, BS	
Marquette University	Milwaukee, WI, US	www.mu.edu	Electrical Engineering, BSEE	
Massachusetts Institute of Technology	Cambridge, MA, US	www.mit.edu	Electrical Engineering and Computer Science, BS	
Massachusetts Institute of Technology	Cambridge, MA, US	www.mit.edu	Electrical Science and Engineering, BS	
Merrimack College	North Andover, MA, US	www.merrimack.edu	Electrical Engineering, BS	
Miami University	Oxford, OH, US	www.muohio.edu	Electrical Engineering, BS	
Michigan State University	East Lansing, MI, US	www.msu.edu	Electrical Engineering, BS	
Michigan Technological University	Houghton, MI, US	www.mtu.edu	Electrical Engineering, BS	
Milwaukee School of Engineering	Milwaukee, WI, US	www.msoe.edu	Electrical Engineering, BS	
Minnesota State University, Mankato	Mankato, MN, US	www.mnsu.edu	Electrical Engineering, BS	
Mississippi State University	Mississippi State, MS, US	www.msstate.edu	Electrical Engineering, BS	
Missouri University of Science and Technology	Rolla, MO, US	www.mst.edu	Electrical Engineering, BS	

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School Name and Location	1	Website	Program and Degree Name
Montana State University - Bozeman	Bozeman, MT, US	www.montana.edu	Electrical Engineering, BS
Montana Tech of the University of Montana	Butte, MT, US	www.mtech.edu	Electrical Engineering, BS
Morgan State University	Baltimore, MD, US	www.morgan.edu	Electrical Engineering, BS
New Jersey Institute of Technology	Newark, NJ, US	www.njit.edu	Electrical Engineering, BSEE
New Mexico Institute of Mining and Technology	Socorro, NM, US	www.nmt.edu	Electrical Engineering, BS
New Mexico State University	Las Cruces, NM, US	www.nmsu.edu	Electrical Engineering, BSEE
New York Institute of Technology	Old Westbury, NY, US	www.nyit.edu	Electrical and Computer Engineering, BS
Norfolk State University	Norfolk, VA, US	www.nsu.edu	Electronics Engineering, BSEE
North Carolina Agricultural and Technical State University	Greensboro, NC, US	www.ncat.edu	Electrical Engineering, BS
North Carolina State University at Raleigh	Raleigh, NC, US	www.ncsu.edu	Electrical Engineering, BS
North Dakota State University	Fargo, ND, US	www.ndsu.edu	Electrical Engineering, BS
Northeastern University	Boston, MA, US	www.northeastern.edu	Electrical Engineering, BS
Northern Arizona University	Flagstaff, AZ, US	www.nau.edu	Electrical Engineering, BSE
Northern Illinois University	Dekalb, IL, US	www.niu.edu	Electrical Engineering, B.S.
Northwestern University	Evanston, IL, US	www.northwestern.edu	Electrical Engineering, BS
Norwich University	Northfield, VT, US	www.norwich.edu	Electrical Engineering, BS
Oakland University	Rochester, MI, US	www.oakland.edu	Electrical Engineering, BSE
Ohio Northern University	Ada, OH, US	www.onu.edu	Electrical Engineering, BSEE
Ohio University	Athens, OH, US	www.ohiou.edu	Electrical Engineering, BS
Oklahoma Christian University	Oklahoma City, OK, US	www.oc.edu	Electrical Engineering, BS
Oklahoma State University	Stillwater, OK, US	www.osu.okstate.edu	Electrical Engineering, BSEE
Old Dominion University	Norfolk, VA, US	www.odu.edu	Electrical Engineering, BS
Oregon Institute of Technology	Klamath Falls, OR, US	www.oit.edu	Electrical Engineering, B.S.
Oregon State University	Corvallis, OR, US	www.oregonstate.edu	Electrical and Computer Engineering, BS
Pennsylvania State University	University Park, PA, US	www.psu.edu	Electrical Engineering, BS
Pennsylvania State University, Behrend College	Erie, PA, US	http:psbehrend.psu.edu	Electrical Engineering, BS
Pennsylvania State University, Harrisburg, The Capital College	Middletown, PA, US	www.hbg.psu.edu	Electrical Engineering, BS
Polytechnic Institute of New York University	Brooklyn, NY, US	www.poly.edu	Electrical Engineering, BS
Polytechnic University of Puerto Rico	San Juan, PR, US	www.pupr.edu	Electrical Engineering, BS
Portland State University	Portland, OR, US	www.pdx.edu	Electrical Engineering, BS
Prairie View A&M University	Prairie View, TX, US	www.pvamu.edu	Electrical Engineering, BSEE

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Princeton University	Princeton, NJ, US	www.princeton.edu/ index.shtml	Electrical Engineering, BSE		
Purdue University at West Lafayette	West Lafayette, IN, US	www.purdue.edu	Electrical Engineering, BS		
Purdue University Calumet	Hammond, IN, US	www.purduecal.edu	Electrical Engineering, BS		
Rensselaer Polytechnic Institute	Troy, NY, US	www.rpi.edu	Electric Power Engineering, BS		
Rensselaer Polytechnic Institute	Troy, NY, US	www.rpi.edu	Electrical Engineering, BS		
Rice University	Houston, TX, US	www.rice.edu	Electrical Engineering, BSEE		
Rochester Institute of Technology	Rochester, NY, US	www.rit.edu	Electrical Engineering, BS		
Rose-Hulman Institute of Technology	Terre Haute, IN, US	www.rose-hulman.edu	Electrical Engineering, BS		
Rowan University	Glassboro, NJ, US	www.rowan.edu	Electrical and Computer Engineering, BS		
Rutgers, The State University of New Jersey	New Brunswick, NJ, US	www.rutgers.edu	Electrical and Computer Engineering, BS		
Saginaw Valley State University	University Center, MI, US	www.svsu.edu	Electrical Engineering, BSEE		
Saint Louis University	St. Louis, MO, US	parks.slu.edu	Electrical Engineering, BS		
San Diego State University	San Diego, CA, US	www.sdsu.edu	Electrical Engineering, BS		
San Francisco State University	San Francisco, CA, US	www.sfsu.edu	Electrical Engineering, BS		
San Jose State University	San Jose, CA, US	www.sjsu.edu	Electrical Engineering, BS		
Santa Clara University	Santa Clara, CA, US	www.scu.edu	Electrical Engineering, BSEE		
Seattle Pacific University	Seattle, WA, US	www.spu.edu	Electrical Engineering, BS		
Seattle University	Seattle, WA, US	www.seattleu.edu	Electrical Engineering, BSEE		
South Dakota School of Mines and Technology	Rapid City, SD, US	www.sdsmt.edu	Electrical Engineering, BS		
South Dakota State University	Brookings, SD, US	www3.sdstate.edu/	Electrical Engineering, BS		
Southern Illinois University at Carbondale	Carbondale, IL, US	www.siu.edu	Electrical Engineering, BS		
Southern Illinois University Edwardsville	Edwardsville, IL, US	www.siue.edu	Electrical Engineering, BS		
Southern Methodist University	Dallas, TX, US	www.smu.edu	Electrical Engineering, BSEE		
Southern University and Agricultural & Mechanical College	Baton Rouge, LA, US	www.subr.edu	Electrical Engineering, BS		
St. Cloud State University	St. Cloud, MN, US	www.stcloudstate.edu	Electrical Engineering, BS		
St. Mary's University	San Antonio, TX, US	www.stmarytx.edu	Electrical Engineering, BS		
State University of New York at Binghamton	Binghamton, NY, US	www.binghamton.edu	Electrical Engineering, BS		
State University of New York at Buffalo	Buffalo, NY, US	www.buffalo.edu	Electrical Engineering, BS		
State University of New York at New Paltz	New Paltz, NY, US	www.newpaltz.edu	Electrical Engineering, BS		

School Name and Location		Website	Drogram and Dograp Name
	1		Program and Degree Name
State University of New York Maritime College	Bronx, NY, US	www.sunymaritime.edu	Electrical Engineering, BE
Stevens Institute of Technology	Hoboken, NJ, US	www.stevens.edu	Electrical Engineering, BE
Stony Brook University	New York, NY, US	www.sunysb.edu	Electrical Engineering, BE
Suffolk University	Boston, MA, US	www.suffolk.edu	Electrical Engineering, B.S.E.
Syracuse University	Syracuse, NY, US	www.syr.edu	Electrical Engineering, BS
Temple University	Philadelphia, PA, US	www.temple.edu	Electrical Engineering, BS
Tennessee State University	Nashville, TN, US	www.tnstate.edu	Electrical Engineering, BS
Tennessee Technological University	Cookeville, TN, US	www.tntech.edu	Electrical Engineering, BS
Texas A&M University	College Station, TX, US	www.tamu.edu	Electrical Engineering, BS
Texas A&M University - Kingsville	Kingsville, TX, US	www.tamuk.edu	Electrical Engineering, BS
Texas State University	San Marcos, TX, US	www.txstate.edu	Electrical Engineering, B.S.
Texas Tech University	Lubbock, TX, US	www.texastech.edu	Electrical Engineering, BS
The Catholic University of America	Washington, DC, US	www.cua.edu	Electrical Engineering, BS
The Citadel	Charleston, SC, US	www.citadel.edu	Electrical Engineering, BS
The College of New Jersey	Ewing, NJ, US	www.tcnj.edu	Electrical Engineering, BSEE
The George Washington University	Washington, DC, US	www.gwu.edu	Electrical Engineering, BS
The Johns Hopkins University	Baltimore, MD, US	www.jhu.edu	Electrical Engineering, BS
The Ohio State University	Columbus, OH, US	www.osu.edu	Electrical Engineering, BSECE
The University of Akron	Akron, OH, US	www.uakron.edu	Electrical Engineering, BS
The University of Alabama	Tuscaloosa, AL, US	www.ua.edu	Electrical Engineering, BSEE
The University of Alabama in Huntsville	Huntsville, AL, US	www.uah.edu	Electrical Engineering, BSE
The University of Kansas	Lawrence, KS, US	www.ku.edu	Electrical Engineering, BS
The University of Memphis	Memphis, TN, US	www.memphis.edu	Electrical Engineering, BS
The University of Texas - Pan American	Edinburg, TX, US	www.utpa.edu	Electrical Engineering, BSEE
The University of Texas at San Antonio	San Antonio, TX, US	www.utsa.edu	Electrical Engineering, BS
The University of Toledo	Toledo, OH, US	www.utoledo.edu	Electrical Engineering, BS
The University of Tulsa	Tulsa, OK, US	www.utulsa.edu	Electrical Engineering, BS
Trine University	Angola, IN, US	trine.edu/wearetrine	Electrical Engineering, BSEE
Tufts University	Medford, MA, US	www.tufts.edu	Electrical Engineering, BS
Tuskegee University	Tuskegee, AL, US	www.tuskegee.edu	Electrical Engineering, BS
Union College	Schenectady, NY, US	www.union.edu	Electrical Engineering, BS
United States Air Force Academy	USAFA, CO, US	www.usafa.af.mil	Electrical Engineering, BS
United States Coast Guard Academy	New London, CT, US	www.cga.edu	Electrical Engineering, BS

School Name and Location Website Program and Degree Name				
	1		Program and Degree Name	
United States Military Academy	West Point, NY, US	www.usma.edu	Electrical Engineering, BS	
United States Naval Academy	Annapolis, MD, US	www.usna.edu	Electrical Engineering, BS	
University of Alabama at Birmingham	Birmingham, AL, US	www.uab.edu	Electrical Engineering, BS	
University of Alaska Anchorage	Anchorage, AK, US	www.uaa.alaska.edu	Electrical Engineering, BSE	
University of Alaska Fairbanks	Fairbanks, AK, US	www.uaf-cem@alaska. edu	Electrical Engineering, BS	
University of Arizona	Tucson, AZ, US	www.arizona.edu	Electrical Engineering, BS	
University of Arkansas	Fayetteville, AR, US	www.uark.edu	Electrical Engineering, BS	
University of California, Berkeley	Berkeley, CA, US	www.berkeley.edu	Electrical and Computer Engineering and Materials Science and Engineering, BS	
University of California, Berkeley	Berkeley, CA, US	www.berkeley.edu	Electrical and Computer Engineering and Nuclear Engineering, BS	
University of California, Berkeley	Berkeley, CA, US	www.berkeley.edu	Electrical and Computer Engineering, BS	
University of California, Davis	Davis, CA, US	www.ucdavis.edu	Electrical Engineering, BS	
University of California, Irvine	Irvine, CA, US	http://www.uci.edu/	Electrical Engineering, BS	
University of California, Los Angeles	Los Angeles, CA, US	www.ucla.edu	Electrical Engineering, BS	
University of California, Riverside	Riverside, CA, US	www.ucr.edu	Electrical Engineering, BS	
University of California, San Diego	La Jolla, CA, US	www.ucsd.edu	Electrical Engineering, BS	
University of California, Santa Barbara	Santa Barbara, CA, US	www.ucsb.edu	Electrical Engineering, BS	
University of California, Santa Cruz	Santa Cruz, CA, US	www.ucsc.edu/ oncampus/	Electrical Engineering, BS	
University of Central Florida	Orlando, FL, US	www.ucf.edu	Electrical Engineering, BS	
University of Cincinnati	Cincinnati, OH, US	www.uc.edu	Electrical Engineering, BS	
University of Colorado at Boulder	Boulder, CO, US	www.colorado.edu	Electrical and Computer Engineering, BS	
University of Colorado at Boulder	Boulder, CO, US	www.colorado.edu	Electrical Engineering, BS	
University of Colorado at Colorado Springs	Colorado Springs, CO, US	www.uccs.edu	Electrical Engineering, BS	
University of Colorado Denver	Denver, CO, US	www.ucdenver.edu	Electrical Engineering, BSEE	
University of Connecticut	Storrs, CT, US	www.uconn.edu	Electrical Engineering, BSE	
University of Dayton	Dayton, OH, US	www.udayton.edu	Electrical Engineering, BEE	
University of Delaware	Newark, DE, US	www.udel.edu	Electrical Engineering, BS	
University of Denver	Denver, CO, US	www.du.edu	Electrical Engineering, BSEE	
University of Detroit Mercy	Detroit, MI, US	www.udmercy.edu	Electrical Engineering, BS	
University of Evansville	Evansville, IN, US	www.evansville.edu	Electrical Engineering, BSEE	
University of Florida	Gainesville, FL, US	www.ufl.edu	Electrical Engineering, BS	
University of Hartford	West Hartford, CT, US	www.hartford.edu	Electrical Engineering, BSEE	
University of Hartford	West Hartford, CT, US	www.hartford.edu	Electrical Engineering, BSEE	

School Name and Location	on	Website	Program and Degree Name
University of Hawaii at Manoa	Honolulu, HI, US	www.manoa.hawaii.edu	Electrical Engineering, BS
University of Houston	Houston, TX, US	www.uh.edu	Electrical Engineering, BSEE
University of Idaho	Moscow, ID, US	www.uidaho.edu	Electrical Engineering, BS
University of Illinois at Chicago	Chicago, IL, US	www.uic.edu	Electrical Engineering, BS
University of Illinois at Urbana - Champaign	Urbana, IL, US	www.illinois.edu	Electrical Engineering, BS
University of Iowa	Iowa City, IA, US	www.uiowa.edu	Electrical Engineering, BSE
University of Kentucky	Lexington, KY, US	www.uky.edu	Electrical Engineering, BSEE
University of Louisiana at Lafayette	Lafayette, LA, US	www.louisiana.edu	Electrical Engineering, BS
University of Louisville	Louisville, KY, US	www.louisville.edu	Electrical Engineering, BS
University of Maine	Orono, ME, US	www.umaine.edu	Electrical Engineering, BS
University of Maryland College Park	College Park, MD, US	www.umd.edu	Electrical Engineering, BS
University of Massachusetts Amherst	Amherst, MA, US	www.umass.edu	Electrical Engineering, BS
University of Massachusetts Dartmouth	North Dartmouth, MA, US	www.umassd.edu	Electrical Engineering, BSEE
University of Massachusetts Lowell	Lowell, MA, US	www.uml.edu	Electrical Engineering, BS
University of Miami	Coral Gables, FL, US	www.miami.edu	Electrical Engineering, BSEE
University of Michigan	Ann Arbor, MI, US	www.umich.edu	Electrical Engineering, BSE
University of Michigan - Dearborn	Dearborn, MI, US	www.umd.umich.edu	Electrical Engineering, BSE
University of Minnesota - Twin Cities	Minneapolis, MN, US	www.umn.edu	Electrical Engineering, BEE
University of Minnesota Duluth	Duluth, MN, US	www.d.umn.edu	Electrical and Computer Engineering, BSECE
University of Minnesota Duluth	Duluth, MN, US	www.d.umn.edu	Electrical Engineering, BSEE
University of Mississippi	University, MS, US	www.olemiss.edu	Electrical Engineering, BS
University of Missouri - Kansas City	Kansas City, MO, US	www.umkc.edu	Electrical and Computer Engineering, BS
University of Missouri - St. Louis	St. Louis, MO, US	www.umsl.edu	Electrical Engineering, BSEE
University of Missouri- Columbia	Columbia, MO, US	www.missouri.edu	Electrical Engineering, BSEE
University of Nebraska - Lincoln	Lincoln, NE, US	www.unl.edu	Electrical Engineering, BS
University of Nebraska - Lincoln	Lincoln, NE, US	www.unl.edu	Electronic Engineering, BS
University of Nevada, Reno	Reno, NV, US	www.unr.edu	Electrical Engineering, BS
University of Nevada-Las Vegas	Las Vegas, NV, US	www.unlv.edu	Electrical Engineering, BSE
University of New Hampshire	Durham, NH, US	www.unh.edu	Electrical Engineering, BS

School Name and Location		Website	Program and Degree Name
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University of New Haven	West Haven, CT, US	http://www.newhaven. edu/8/	Electrical Engineering, BS
University of New Mexico	Albuquerque, NM, US	www.unm.edu	Electrical Engineering, BS
University of New Orleans	New Orleans, LA, US	www.uno.edu	Electrical Engineering, BSEE
University of North Carolina at Charlotte	Charlotte, NC, US	www.uncc.edu	Electrical Engineering, BS
University of North Dakota	Grand Forks, ND, US	www.und.edu	Electrical Engineering, BS
University of North Florida	Jacksonville, FL, US	www.unf.edu	Electrical Engineering, BS
University of North Texas	Denton, TX, US	www.unt.edu	Electrical Engineering, BS
University of Notre Dame	Notre Dame, IN, US	www.nd.edu	Electrical Engineering, BS
University of Oklahoma	Norman, OK, US	www.ou.edu	Electrical Engineering, BS
University of Pennsylvania	Philadelphia, PA, US	www.upenn.edu	Electrical Engineering, BSE
University of Pittsburgh	Pittsburgh, PA, US	www.pitt.edu	Electrical Engineering, BS
University of Portland	Portland, OR, US	www.up.edu	Electrical Engineering, BS
University of Puerto Rico, Mayaguez Campus	Mayaguez, PR, US	www.uprm.edu	Electrical Engineering, BS
University of Rhode Island	Kingston, RI, US	www.uri.edu	Electrical Engineering, BS
University of Rochester	Rochester, NY, US	www.rochester.edu	Electrical and Computer Engineering, BS
University of San Diego	San Diego, CA, US	www.sandiego.edu	Electrical Engineering, BS/BA
University of Scranton	Scranton, PA, US	www.scranton.edu	Electrical Engineering, B.S.
University of South Alabama	Mobile, AL, US	www.usouthal.edu	Electrical Engineering, BS
University of South Carolina	Columbia, SC, US	www.sc.edu	Electrical Engineering, BSE
University of South Florida	Tampa, FL, US	www.usf.edu	Electrical Engineering, BS
University of Southern California	Los Angeles, CA, US	www.usc.edu	Electrical Engineering, BS
University of Southern Maine	Portland, ME, US	www.usm.maine.edu	Electrical Engineering, BS
University of St. Thomas	St. Paul, MN, US	www.stthomas.edu	Electrical Engineering, BSEE
University of Tennessee at Chattanooga	Chattanooga, TN, US	www.utc.edu	Electrical Engineering, BSEE
University of Tennessee at Knoxville	Knoxville, TN, US	www.utk.edu	Electrical Engineering, BS
University of Texas at Arlington	Arlington, TX, US	www.uta.edu	Electrical Engineering, BS
University of Texas at Austin	Austin, TX, US	www.utexas.edu	Electrical Engineering, BS
University of Texas at Dallas	Richardson, TX, US	www.utdallas.edu	Electrical Engineering, BS
University of Texas at El Paso	El Paso, TX, US	www.utep.edu	Electrical Engineering, BSEE
University of Texas at Tyler	Tyler, TX, US	www.uttyler.edu	Electrical Engineering, BSEE
University of the District of Columbia	Washington, DC, US	www.udc.edu	Electrical Engineering, BSEE
University of the Pacific	Stockton, CA, US	http://www.pacific.edu/	Electrical Engineering, BS
University of Turabo	Gurabo, PR, US		Electrical Engineering, B.S.
University of Utah	Salt Lake City, UT, US	www.utah.edu	Electrical Engineering, BS
University of Vermont	Burlington, VT, US	http://www.uvm. edu/~cems/	Electrical Engineering, BS

School Name and Location	on	Website	Program and Degree Name
University of Virginia	Charlottesville, VA, US	www.virginia.edu	Electrical Engineering, BS
University of Washington	Seattle, WA, US	www.engr.washington. edu	Electrical Engineering, BSEE
University of Washington Bothell	Bothell, WA, US	www.uwb.edu	Electrical Engineering, B.S.E.E.
University of West Florida	Pensacola, FL, US	www.uwf.edu	Electrical Engineering, BS
University of Wisconsin - Madison	Madison, WI, US	www.wisc.edu	Electrical Engineering, BS
University of Wisconsin - Platteville	Platteville, WI, US	www.uwplatt.edu	Electrical Engineering, BS
University of Wisconsin- Milwaukee	Milwaukee, WI, US	www.uwm.edu	Electrical Engineering, BSE
University of Wyoming	Laramie, WY, US	www.uwyo.edu	Electrical Engineering, BS
Utah State University	Logan, UT, US	www.usu.edu	Electrical Engineering, BS
Valparaiso University	Valparaiso, IN, US	www.valpo.edu	Electrical Engineering, BS
Vanderbilt University	Nashville, TN, US	www.vanderbilt.edu	Electrical Engineering, BE
Villanova University	Villanova, PA, US	www.villanova.edu	Electrical Engineering, BS
Virginia Commonwealth University	Richmond, VA, US	www.vcu.edu	Electrical Engineering, BS
Virginia Military Institute	Lexington, VA, US	www.vmi.edu	Electrical and Computer Engineering, BS
Virginia Polytechnic Institute and State University	Blacksburg, VA, US	www.vt.edu	Electrical Engineering, BS
Washington State University	Pullman, WA, US	www.wsu.edu	Electrical Engineering, BS
Washington University	St. Louis, MO, US	www.wustl.edu	Electrical Engineering, BS
Wayne State University	Detroit, MI, US	www.wayne.edu	Electrical Engineering, BSEE
Weber State University	Ogden, UT, US	www.weber.edu	Electronics Engineering, B.S.
West Virginia University	Morgantown, WV, US	www.wvu.edu	Electrical Engineering, BS
West Virginia University Institute of Technology	Montgomery, WV, US	www.wvutech.edu	Electrical Engineering, BS
Western Carolina University	Cullowhee, NC, US	www.wcu.edu	Electrical Engineering, B.S.E.E.
Western Kentucky University	Bowling Green, KY, US	www.wku.edu/ engineering	Electrical Engineering, BS
Western Michigan University	Kalamazoo, MI, US	www.wmich.edu	Electrical Engineering, BSE
Western New England College	Springfield, MA, US	www.wnec.edu	Electrical Engineering, BS
Wichita State University	Wichita, KS, US	www.wichita.edu	Electrical Engineering, BS
Widener University	Chester, PA, US	www.widener.edu	Electrical Engineering, BS
Wilkes University	Wilkes-Barre, PA, US	www.wilkes.edu	Electrical Engineering, BS
Worcester Polytechnic Institute	Worcester, MA, US	www.wpi.edu	Electrical and Computer Engineering, BS
Wright State University	Dayton, OH, US	www.wright.edu	Electrical Engineering, BS
Yale University	New Haven, CT, US	www.seas.yale.edu	Electrical Engineering, BS
York College of Pennsylvania	York, PA, US	www.ycp.edu	Electrical Engineering, B.S.
Youngstown State University	Youngstown, OH, US	www.ysu.edu	Electrical Engineering, BE