**JOB DESCRIPTION**

Electrical Engineers develop, design, evaluate and maintain electric systems and equipment. This can include power systems for lights, motors, pumps, valves, compressors, winches, computers and other equipment.

**EDUCATION REQUIREMENTS**

Bachelor Degree in Electrical Engineering.

**EDUCATION & TRAINING OPPORTUNITIES**

Case Western Reserve University  
10900 Euclid Avenue, Cleveland, Ohio 44106  
216-368-2000  
www.case.edu

Cedarville University  
251 North Main Street, Cedarville, Ohio 45314  
1-900-233-2784 | 937-766-7700  
www.cedarville.edu

Cleveland State University  
2121 Euclid Avenue, Cleveland, Ohio 44115  
216-687-2000  
www.csuohio.edu

Kent State University at Trumbull  
4314 Mahoning Avenue, Warren, Ohio 44483  
330-847-0571  
www.kent.edu/trumbull

Kent State University at Tuscarawas  
330 University Drive NE, New Philadelphia, Ohio 44663  
330-339-3391  
www.kent.edu/tusc

Miami University  
501 East High Street, Oxford, Ohio 45056  
513-529-1809  
www.miamioh.edu

*List continues on next page...*
<table>
<thead>
<tr>
<th>Institution</th>
<th>Address</th>
<th>Phone</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mount Vernon Nazarene University</td>
<td>800 Martinsburg Road, Mount Vernon, Ohio 43050</td>
<td>740-392-6868</td>
<td><a href="http://www.mvnu.edu">www.mvnu.edu</a></td>
</tr>
<tr>
<td>Muskingum University</td>
<td>163 Stormont Street, New Concord, Ohio 43762</td>
<td>740-826-8211</td>
<td><a href="http://www.muskingum.edu">www.muskingum.edu</a></td>
</tr>
<tr>
<td>Ohio Northern University</td>
<td>525 South Main Street, Ada, Ohio 45810</td>
<td>419-772-2000</td>
<td><a href="http://www.onu.edu">www.onu.edu</a></td>
</tr>
<tr>
<td>Ohio State University, The</td>
<td>281 W. Lane Avenue, Columbus, Ohio 43210</td>
<td>614-292-6446</td>
<td><a href="http://www.osu.edu">www.osu.edu</a></td>
</tr>
<tr>
<td>Ohio University</td>
<td>1 University Terrace, Athens, Ohio 45701</td>
<td>740-593-1000</td>
<td><a href="http://www.ohio.edu">www.ohio.edu</a></td>
</tr>
<tr>
<td>Penn State</td>
<td>201 Old Main, University Park, Pennsylvania 16802</td>
<td>814-865-4700</td>
<td><a href="http://www.psu.edu">www.psu.edu</a></td>
</tr>
<tr>
<td>University of Akron, The</td>
<td>302 Buchtel Avenue, Akron, Ohio 44325</td>
<td>330-972-7111</td>
<td><a href="http://www.uakron.edu">www.uakron.edu</a></td>
</tr>
<tr>
<td>University of Cincinnati</td>
<td>2600 Clifton Avenue, Cincinnati, Ohio 45221</td>
<td>513-556-0000</td>
<td><a href="http://www.uc.edu">www.uc.edu</a></td>
</tr>
<tr>
<td>University of Dayton</td>
<td>300 College Park, Dayton, Ohio 45469</td>
<td>937-229-1000</td>
<td><a href="http://www.udayton.edu">www.udayton.edu</a></td>
</tr>
<tr>
<td>University of Mount Union</td>
<td>1972 Clark Avenue, Alliance, Ohio 44601</td>
<td>800-992-6682</td>
<td><a href="http://www.mountunion.edu">www.mountunion.edu</a></td>
</tr>
<tr>
<td>University of Toledo, The</td>
<td>2801 Bancroft Street, Toledo, Ohio 43606</td>
<td>800-586-5336</td>
<td><a href="http://www.utoledo.edu">www.utoledo.edu</a></td>
</tr>
<tr>
<td>West Virginia University</td>
<td>One Waterfront Place, Morgantown, West Virginia 26506</td>
<td>304-293-0111</td>
<td><a href="http://www.wvu.edu">www.wvu.edu</a></td>
</tr>
<tr>
<td>Wright State University</td>
<td>3640 Colonel Glenn Highway, Dayton, Ohio 45435</td>
<td>937-775-1000</td>
<td><a href="http://www.wright.edu">www.wright.edu</a></td>
</tr>
<tr>
<td>Youngstown State University</td>
<td>1 University Plaza, Youngstown, Ohio 44555</td>
<td>330-941-3000</td>
<td><a href="http://www.ysu.edu">www.ysu.edu</a></td>
</tr>
</tbody>
</table>
Did you know that the natural gas and crude oil industry offers more than 75 different challenging and rewarding career opportunities? In fact, in 2011, there were approximately 14,000 people employed in the exploration and production segment of our industry, and today, that number has rapidly grown to nearly 200,000. As energy demands continue to increase, so does the need for qualified workers that will help drive production forward.

Ohio’s first wells were drilled just prior to the Civil War, and our state now ranks fourth in the nation in the number of natural gas and crude oil wells drilled – 275,000 – behind only Texas, Oklahoma, and Pennsylvania. Currently, Ohio has over 50,000 wells, and advancements in technology have made it possible for these natural resources to be produced safely and economically.

Thanks to the industry’s innovation, we continue to provide energy and petrochemical products to our local homes, schools, farms, churches, municipalities, and businesses across the state, region and country. As the Ohio’s energy supply adds to the national supply, our resources are helping us become less dependent from foreign supplies. By 2020, just the Utica and Marcellus Shales located in Ohio, Pennsylvania and West Virginia are projected to account for 35% of all U.S. natural gas production, making our region an industry leader.

In addition to energy supplies, products such as synthetic fabric, cosmetics, sporting equipment, toys, toothbrushes, inks, computers, paints and many lifesaving products such as medicines, artificial hearts and even prosthetics are all made from petroleum. With the average person using around 3 gallons of petrochemical related products each day, it is easy to see why the crude oil and natural gas industry is persistently in need of a well trained workforce.

FOR MORE INFO

P.O. Box 187, Granville, OH 43023
740-587-0410 | www.oogeep.org

Don’t forget to check out our career videos at youtube.com/OOGEEP1