

ELECTRICAL ENGINEERING PROGRAM
SOUTH DAKOTA STATE UNIVERSITY
BROOKINGS, SD 57007
(605) 688-4526

Employer Survey

The Electrical Engineering Program needs your cooperation to answer the following questions. This survey will be used for assessment and continuous improvement of our EE program. Your answers will be considered confidential. Please complete the survey and return it to us. Thank you very much.

Your contact information:

Name: _____

Title: _____

Company: _____

Phone: _____

E-mail: _____

This form can also be filled out on-line at:

<http://www.engineering.sdstate.edu/~eeweb/EmpSurvForm.pdf>

How many recent (within 5 years of graduation) South Dakota State University EE graduates does your company currently employ? _____

Please indicate what type of positions these graduates hold?

- Engineering
- Management
- Administrative
- Others

For those that hold engineering positions, how many can be described as:

- _____ Software Engineers
- _____ Hardware Engineers
- _____ Both Hardware and Software Engineers

Rank on the basis of 1 to 10, with 10 being high, the preparation your SDSU employees had for their initial job assignment at your company _____

When considering SDSU EE graduates who have approximately two years of work experience, please answer the following questions:

1. To what degree are SDSU EE graduates able to use mathematics, science, and engineering knowledge to solve problems?

1	2	3	4	5
Incompetent		Ave. Competence Technically		Highly Competent Technically

2. To what degree are SDSU EE graduates able to use appropriate engineering tools (such as computer analysis and design software, or other tools/equipment appropriate to your industry) to solve problems?

1	2	3	4	5
Incompetent		Ave. Competence Technically		Highly Competent Technically

3. To what degree are SDSU EE graduates able to actively contribute to multi-disciplinary teams?

1	2	3	4	5
Do not contribute		Contribute as needed		Actively contribute in a constructive manner to ensure team success

4. To what degree are SDSU EE graduates able to communicate effectively?

1	2	3	4	5
Unable to communicate orally		Communicates as needed orally		Excellent oral communication of technical, programmatic, or managerial concepts

1	2	3	4	5
Unable to communicate in writing		Communicates in writing as needed		Excellent written communication of technical, programmatic, or managerial concepts

5. To what degree are SDSU EE graduates able to solve engineering problems that face society?

1	2	3	4	5
Unable to translate customer/society needs into engineering terms		Average ability to interpret customer/society needs into engineering specifications/.formats		Excellent skills in interpreting customer/society requirements into engineering specifications and/or formats

6. To what degree do SDSU EE graduates conduct themselves in a morally and ethically responsible manner?

1	2	3	4	5
Do not conduct themselves in ethical/moral manner		Applies moral and ethical principles to professional work		Places moral and ethical integrity above all other aspects of professional career and lifestyle.

7. To what degree are SDSU EE graduates aware of the impact their work has on society?

1	2	3	4	5
Is unaware of how his/her work may impact others		Has good understanding of how his/her work will affect others		Is intimately concerned about how his/her work will affect individuals/society and takes steps to insure all individuals and society in general is positively impacted

8. To what degree have SDSU EE graduates continued their education?

_____ % attending grad. school or w/ grad. degree	_____ % receiving industrial training/workshops this year
_____ % attending conferences/seminars this year	_____ % involved in professional societies

_____ % other; specify _____