



**SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS**

**Institutional Program Review
Report to the Board of Regents**

Use this form to submit a program review report to the system Chief Academic Officer. Complete this form for all units/programs undergoing an accreditation review, nationally recognized review process, or institutional program review. The report is due 30 days following receipt of the external and internal review reports.

UNIVERSITY:	Dakota State University
DEPARTMENT OR SCHOOL:	College of Computing
PROGRAM REVIEWED:	B.S. in Computer Science
DATE OF REVIEW:	April 11, 2016

University Approval

To the Board of Regents and the Executive Director: I certify that I have read this report, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

President of the University

November 1, 2016

Date

1. Identify the program reviewers and any external accrediting body:

External reviewer:
Dr. Sherri Harms
Chair & Professor
Department of Computer Science & Technology
University of Nebraska at Kearney

2. Items A & B should address the following issues: mission centrality, program quality, cost, program productivity, plans for the future, and assessment of progress.

2(A). Describe the strengths and weaknesses identified by the reviewers

Strengths include: the overall quality of the program is outstanding, students can complete the degree either online or on-campus, the program has connections to industry and jobs, there are meaningful student/faculty relationships, the program has a strong national reputation, and there has been significant growth in enrollment in each of the last few years.

Weaknesses include: limited capacity to deliver the program, some overloads due to the rapid growth in the program, and in some cases, larger class sizes again due to the rapid growth.

2(B). Briefly summarize the review recommendations

The reviewer recommends seeking ABET accreditation; formalizing the process for onboarding and guiding graduate assistants (GAs) or other adjuncts as they teach CSC courses with standard curriculum; providing well-designed facilities that meet the growing needs of the new College of Computing, including adequate lab space for CSC students to complete innovative software projects in close proximity to classrooms and faculty offices; working with the foundation to provide support for scholarships and endowed faculty positions; and revising the CSC program assessment process and program goals to be in line with the ABET accreditation.

2(C). Indicate the present and continuous actions to be taken by the college or department to address the issues raised by the review. What outcomes are anticipated as a result of these actions?

- The processes for onboarding, guiding, and mentoring graduate teaching assistants and adjuncts will be analyzed and addressed in an effort to create formal procedures that will support those who are new to teaching by providing a standardized curriculum.
- A new building with additional (assuming existing East Hall lab space is preserved) lab space for student projects is scheduled to be completed by Fall 2017, although the new lab space will lack close proximity to many of the faculty offices that will remain in East Hall due to a small number of faculty offices in the new building.
- One additional instructor has been hired, and two more term faculty positions have been approved but not yet filled.
- Faculty will be meeting with the Director of Institutional Effectiveness and Assessment in Summer 2016 to begin developing standardized assessment measures to be used in certain computer science courses.