



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

Existing Courses Minor Modification

Use this form to request minor modifications of existing unique and common courses. Consult the system database through Colleague or the [Course Inventory Report](#) for information about existing courses before submitting this form. If the course revision is for an approved General Education course, please see the Revision to General Education Requirements Form.

DSU	Computing		Click here to enter a date.
Institution	Division/Department	Originator	Date
Department Chair	School/College Dean	Institutional Approval Signature	Click here to enter a date. Date

Section 1. Existing Course Title and Description

Prefix & No.	Course Title	Credits
CSC 434	Web Software Security	3

Effective Date: 5/15/2017

This course is a (Place an "X" in the appropriate box):

- Unique Course** (see section 2) **Common Course** (see section 3)

Section 2. Unique Courses: Requested Minor Modifications

Place an "X" in the appropriate boxes.

	<u>Current</u>		<u>New</u>
<input type="checkbox"/> Prefix change		to	
<input checked="" type="checkbox"/> Course Number change	434	to	234
<input type="checkbox"/> Credit hours		to	
<input checked="" type="checkbox"/> Course pre-requisites	CIS 375	to	none
<input type="checkbox"/> Course co-requisites		to	
<input type="checkbox"/> Registration restriction		to	
<input type="checkbox"/> Enrollment limitation		to	
<input type="checkbox"/> Repeatable for additional credit		to	

- Grading option** _____ to _____
- Course title change** Software Security
- Cross-listing and equating with** _____

Dual-listing at 400/500 level

Course description (that does not change course content). Complete table below:

Existing description:

This course provides in-depth knowledge of current vendor-independent web application hacking techniques and the defensive programming approaches necessary to mitigate such attacks. Attacks and mitigation strategies related to filter evasion, session management, database interaction, path traversal, and file inclusion will be emphasized.

New description:

This course will make use of hands-on exercises in compiled and web-based software to illustrate attack methodologies and techniques that lead to software vulnerabilities that violate fundamental security principles. Attacks and mitigation strategies related to filter evasion, session management, input validation, buffer overflows, and related areas will be emphasized.

Add course in x9x series

CIP Code: _____

New to this university? Yes No

Will this university's sections of the course be limited to S/U (pass/fail)?

Yes No

Delete Course (effective date): [Click here to enter a date.](#) _____

Justification for changes indicated in Section 2:

Due to gradual program and content evolution, the current course content overlaps with other courses in the program. This change makes the course more unique. Additionally, the move to the 200-level will allow the content to serve as a foundation for other courses in the sequence.