

**SOUTH DAKOTA BOARD OF REGENTS
New Course Request**

DSU College of BIS _____
Institution Division/Department Institutional Approval Signature Date

1. Review of Course

A. After reviewing the common and unique course lists, this course does not currently exist and therefore will be unique. Provide the complete description as it will appear in the system unique database including prerequisites and corequisites. If the course contains a lecture and laboratory component, identify both the course and laboratory numbers (xxx and xxxL) and credit hours associated with each. Omit 1.B and 1.C. and complete the rest of the request form.

XX

Prefix & No.	Course Title	Credits
CSC 509	System and Security Programming	3

Course Description:

This course will examine programs and programming from the perspective of systems-level operations and security issues. The course will address appropriate operating systems, utilities and tools; malware fundamentals; systems-level programming; and scripting. Understanding the essentials of programming from device drivers and assembly language through scripting languages for automating processes and gluing together other utility programs will be the course objective. Coursework will focus on understanding and reading ability for such programs and scripts; students will develop the ability to understand and modify such programs in order to tailor them to particular environments. Open Source tools will be a consistent theme throughout the course.

Pre-requisite: Two course programming sequence (CSC 150 and CSC 250 or an equivalent sequence).

2. FTE Implication

_____ **No.** Replacement of _____, which is being deleted.
(prefix, number, name of course, credits)

Effective Date of Deletion: _____

X _____ **No.** Schedule Management, explain: The course will be scheduled as part of the _____
course rotation schedule. No additional FTE.

_____ **Yes.** Specify: _____

3. Existing program in which course will be offered: M.S. in Information Assurance and Computer Security

4. Proposed CIP code: 110701
New CIP code for this university? _____ Yes X _____ No

5. Proposed Instructional Method by this university: L
Provide a brief justification.
Lecture format.

6. Proposed delivery method by this university: 001

7. Term Change Effective: Summer 05

8. University Department Code: DCSC

9. Can this course be repeated for additional credit? _____ Yes X No

If the course is repeatable for additional credit, what is the limit on total credit that may be earned in the course? _____

10. Will the grade for this course be limited to S/U (pass/fail)? _____ Yes X No

11. Will section enrollments be capped? _____ Yes X No
If yes, what is the maximum enrollment per section? _____
Use of hardware and software determine the section size, but additional sections will be added as needed.

12. Will this course be equated (considered the same course for degree completion) with any other unique or common course in the course database? _____ Yes X No
If yes, indicate the course(s) to which it will be equated. _____

13. Proposed Prefix CSC
Is this prefix already approved for your university? X Yes _____ No

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XX

Prefix & No.	Course Title	Credits
INFS 742	Healthcare Information Infrastructure	3

Course Description:

Study of the healthcare information infrastructure in the healthcare delivery system in the United States. Examination of issues related to healthcare information systems, healthcare information policy development, uses and users of healthcare information, healthcare informational privacy, and clinical data standards. Electronic health record systems will be investigated.

2. FTE Implication

_____ **No.** Replacement of _____, which is being deleted.
(prefix, number, name of course, credits)
Effective Date of Deletion: _____

X **No.** Schedule Management, explain: _____

_____ **Yes.** Specify: _____

3. Existing program in which course will be offered: MSIS

4. Proposed CIP code: 110401
New CIP code for this university? _____ Yes X _____ No

5. Proposed Instructional Method by this university: R
Provide a brief justification.

This course will be taught as a distance course via Internet. Encoded streaming videos of classes, interactive course web boards, course web sites, and e-mail may be utilized. This will allow the course to be offered in a way that meets the healthcare industry needs.

6. Proposed delivery method by this university: 018

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Prefix & No.	Course Title	Credits
INFS 744	Healthcare Information Analysis	3

Course Description:
Survey of clinical computing applications and their integration to support health care delivery. The evaluation of such systems in regard to clinical decision making, clinical quality assessment, and healthcare research support. Introduction to biostatistics and epidemiology principles.

2. FTE Implication

_____ No. Replacement of _____, which is being deleted.
(prefix, number, name of course, credits)
Effective Date of Deletion: _____

X No. Schedule Management, explain: _____
_____ Yes. Specify: _____

3. Existing program in which course will be offered: MSIS

4. Proposed CIP code: 110201
New CIP code for this university? _____ Yes X _____ No

5. Proposed Instructional Method by this university: R
Provide a brief justification.

This course will be taught as a distance course via Internet. Encoded streaming videos of classes, interactive course web boards, course web sites, and e-mail may be utilized. This will allow the course to be offered to students at various locations to meet the healthcare industry needs.

6. Proposed delivery method by this university: 018

7. Term Change Effective: Fall 2005

8. University Department Code: DCSC

9. Can this course be repeated for additional credit? _____ Yes X No

If the course is repeatable for additional credit, what is the limit on total credit that may be earned in the course? _____

10. Will the grade for this course be limited to S/U (pass/fail)? _____ Yes X No

11. Will section enrollments be capped? X Yes _____ No
If yes, what is the maximum enrollment per section? 25

12. Will this course be equated (considered the same course for degree completion) with any other unique or common course in the course database? _____ Yes X No
If yes, indicate the course(s) to which it will be equated. _____

13. Proposed Prefix INFS
Is this prefix already approved for your university? X Yes _____ No