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| S:\Communications\Logos and photos\SDBORLogos\final_sdbor_webreadyBW_trans.gif | **SOUTH DAKOTA BOARD OF REGENTS**  ACADEMIC AFFAIRS FORMS |
| New Course Request |
|  |  |

Use this form to request a new common or unique course. Consult the system database through Colleague or the [Course Inventory Report](http://apps.sdbor.edu/ris-reporting/CourseInventoryOptions.cfm) for information about existing courses before submitting this form.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DSU |  | **College of Business and Information Systems** | | |
| **Institution** |  | **Division/Department** | | |
|  | | |  | 10/23/2017 |
| **Institutional Approval Signature** C:\Users\slaughts\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Dr. McKay Signature.jpg | | |  | **Date** |

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**Section 1. Existing Course Title and Description**

If the course contains a lecture and laboratory component, identify both the lecture and laboratory numbers (xxx and xxxL) and credit hours associated with each. Provide the complete description as you wish it to appear in the system database in Colleague and the [Course Inventory Report](http://apps.sdbor.edu/ris-reporting/CourseInventoryOptions.cfm) including pre-requisites, co-requisites, and registration restrictions.

|  |  |  |  |
| --- | --- | --- | --- |
| **Prefix & No.** | **Course Title** | | **Credits** |
| INFS 776 | Business Intelligence and Visualization | | 3 |
| **Course Description** | |  | |
| Focuses on the use of software to measure, monitor and predict the evolution of key enterprise variables and performance indicators and present them in the form of usable information supporting the business decision-making process. Students also learn techniques to present analytical results visually and communicate the business insights revealed by analytics effectively. Topics of the course include data visualization using Tableau, OLAP modeling, business reporting and dashboards. | | | |

**Pre-requisites or Co-requisites (add lines as needed)**

|  |  |  |
| --- | --- | --- |
| **Prefix & No.** | **Course Title** | **Pre-Req/Co-Req?** |
|  |  |  |
|  |  |  |

**Registration Restrictions**

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| --- |
| N/A |

**Section 2. Review of Course**

1. **Was the course first offered as an experimental course (*place an “X” in the appropriate box*)?**

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| --- | --- | --- | --- |
|  | Yes *(if yes, provide the course information below)* |  | No |

1. **Will this be a unique or common course (*place an “X” in the appropriate box*)?**

*If the request is for a unique course, verify that you have reviewed the common course catalog via Colleague and the system* [*Course Inventory Report*](http://apps.sdbor.edu/ris-reporting/CourseInventoryOptions.cfm) *to determine if a comparable common course already exists. List the two closest course matches in the common course catalog and provide a brief narrative explaining why the proposed course differs from those listed. If a search of the common course catalog determines an existing common course exists, complete the Authority to Offer an Existing Course Form.*

|  |  |
| --- | --- |
|  | **Unique Course** |

|  |  |  |
| --- | --- | --- |
| **Prefix & No.** | **Course Title** | **Credits** |
|  |  |  |
|  |  |  |
| *Provide explanation of differences between proposed course and existing system catalog courses below:* | | |
| The courses that are somewhat related to INFS 776 include INFS 762 – Data Mining and Data Warehousing offered by DSU and DSCI 723 Data Management and Warehousing offered by USD. Different from these two courses that focus on extracting, transforming and storing data in data warehouses for analytic processing. INFS 776 focuses on business reporting and visualization of data that come from different sources including relational databases, data warehouses, and online resources. | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Common Course** | | | | *Indicate universities that are proposing this common course:* | | | | | | | | |
|  |  | | | |  | | | | | | | | |
|  |  | BHSU |  | DSU | |  | NSU |  | SDSMT |  | SDSU |  | USD |

**Section 3. Other Course Information**

1. **Are there instructional staffing impacts?**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **No**. Replacement of |  | | |
|  |  | (course prefix, course number, name of course, credits) | | |
|  |  | \*Attach course deletion form | | |
|  |  |  | | |
| Effective date of deletion: | | | Click here to enter a date. |  |

|  |  |
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|  | **No**. Schedule Management, explain below:  The course will be handled by existing faculty. |

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|  | **Yes**. Specify below: |

1. **Existing program(s) in which course will be offered**: DSU, MS in Analytics
2. **Proposed instructional method by university**: Lecture/discussion, R
3. **Proposed delivery method by university**: On-campus and online
4. **Term change will be effective**: Fall 2018
5. **Can students repeat the course for additional credit?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Yes, total credit limit: |  |  |  | No |

1. **Will grade for this course be limited to S/U (pass/fail)?**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes |  | No |

1. **Will section enrollment be capped?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Yes, max per section: | 25 |  |  | No |

1. **Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the** [**Course Inventory Report**](http://apps.sdbor.edu/ris-reporting/CourseInventoryOptions.cfm)**?**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes |  | No |
| *If yes, indicate the course(s) to which the course will equate (add lines as needed):* | | | |
|  | | | |

|  |  |
| --- | --- |
| **Prefix & No.** | **Course Title** |
|  |  |

1. **Is this prefix approved for your university?**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes |  | No |
| *If no, provide a brief justification below:* | | | |
|  | | | |

**Section 4. Department and Course Codes (Completed by University Academic Affairs)**

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| --- | --- |
| 1. **University Department Code:** | DINFS |

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| 1. **Proposed** [**CIP Code**](http://nces.ed.gov/ipeds/cipcode/default.aspx?y=55)**:** | 11.0401 | | | |
|  |  | | | |
| *Is this a new CIP code for the university?* |  | Yes |  | No |