

## 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 course database through for information about existing courses before submitting this form.

| 10/17/2024 |
|------------|
| Date       |
|            |

## Section 1. 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 course database, including pre-requisites, co-requisites, and registration restrictions.

| Prefix & No. | Course Title                    | Credits |
|--------------|---------------------------------|---------|
| ARTD 448     | Animations/VFX Experimentations |         |

NOTE: The Enrollment Services Center assigns the short, abbreviated course title that appears on transcripts. The short title is limited to 30 characters (including spaces); meaningful but concise titles are encouraged due to space limitations in the student information system.

## **Course Description**

An advanced course that continues ARTD 341 through directed and individual study by exploring how virtual reality and artificial intelligence can professionally enhance animations, traditional movies with visual effects, and live broadcasts through the application of cognitive film theories. Students gain experience in facial and body performance capture, photogrammetry and texturing in the design of virtual sets, stereoscopic projection, and machine learning for both moving imagery and live theatrical/broadcast events. Incorporates advanced nonlinear editing and color-correction.

NOTE: Course descriptions are short, concise summaries that typically do not exceed 75 words. DO: Address the content of the course and write descriptions using active verbs (e.g., explore, learn, develop, etc.). DO NOT: Repeat the title of the course, layout the syllabus, use pronouns such as "we" and "you," or rely on specialized jargon, vague phrases, or clichés.

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

| Prefix & No. | Course Title                   | Pre-Req/Co-Req? |
|--------------|--------------------------------|-----------------|
| ARTD 341     | Animations & Visual Effects II | Pre-Req         |
|              |                                |                 |

#### **Registration Restrictions**

N/A

## Section 2. Review of Course

### 2.1. Will this be a unique or common course (place an "X" in the appropriate box)?

#### ☑ Unique Course

If the request is for a unique course, institutions <u>must</u> review the common course catalog in the system course database 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. <u>Courses requested without an attempt to find comparable courses will not be reviewed.</u>

| Prefix & No. | Course Title           | Credits |
|--------------|------------------------|---------|
| ARTD 431     | Computer Graphic FX I  | 3       |
| ARTD 441     | 3D Design – Production | 3       |

*Provide explanation of differences between proposed course and existing system catalog courses below:* 

While institutions like SDSU and Dakota State University provide individual courses in 2D and 3D Animations as well as in Motion Graphics and Visual Effects, no one in the system provides a specific course that simulates how all these factors work together in a real-world media business like a post-production house, visual effects company, or live video service (an experiential learning opportunity). Additionally, no South Dakota institution other than Northern State currently provides such a curriculum that integrates the latest artificial intelligence and machine learning developments into these professional experiences while also demonstrating how they integrate media history and theories with production-to-post-production practices in each course (a recommendation both scholars and professionals have called for since the 1940s).

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

## Section 3. Other Course Information

#### 3.1. Are there instructional staffing impacts?

 $\square$  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.

- ☑ No. Schedule Management, explain below: Course will be incorporated into the regular teaching rotation.
- $\Box$  Yes. Specify below:

- **3.2.** Existing program(s) in which course will be offered (i.e., any current or pending majors, minors, certificates, etc.): Art Department - B.F.A in Digital Media Sport Marketing & Administration - Minor in Sports Media School of Business – Minor in Marketing & Digital Design 3.3. Proposed instructional method by university (as defined by <u>AAC Guideline 2.4.3.A</u>): *Please provide a brief description of how the course is appropriate for the instructional* method, as defined in AAC Guidelines. Studio (A) 3.4. Proposed delivery method by university (as defined by <u>AAC Guideline 2.4.3.B</u> and <u>2.4.3.B(A-1)</u>): X01 Face-to-Face (F2F) X02 HyFlex X03 HyFlex Synchronous X15 Online Asynchronous 3.5. Term change will be effective: Fall 2025 3.6. Can students repeat the course for additional credit?  $\Box$  Yes, total credit limit: 🖂 No 3.7. Will grade for this course be limited to S/U (pass/fail)?  $\Box$  Yes 🖂 No **3.8.** Will section enrollment be capped?  $\Box$  Yes, max per section: No  $\times$ 3.9. 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?  $\square$  Yes 🖂 No If yes, indicate the course(s) to which the course will equate (add lines as needed): Prefix & No. **Course Title** 3.10. Is this prefix approved for your university?
  - ⊠ Yes

□ No

*If no, provide a brief justification below:* 

# <u>Section 4. Department and Course Codes (Completed by University Academic Affairs)</u>

| 4.1. | University Department:           | NART                          |      |
|------|----------------------------------|-------------------------------|------|
| 4.2. | Banner Department Code:          | NART                          |      |
| 4.3. | Proposed <u>CIP Code</u> : 50.01 | 102                           |      |
|      | Is this a new CIP co             | ode for the university? 🔲 Yes | 🛛 No |