15-43a
UWUCC-App 9/15/15
Senate Info 10/6/15

Distance Education Course Proposal Template

Steps to the approval process:

1. Complete the applicable template(s) and email them to the departmental or program curriculum committee chair. (If this is a new course that will include DE, complete Templates A and E. If adding DE to an existing course that is otherwise unchanged, complete Template E only. If revising a course and adding DE, complete Templates A and E.)

2. The curriculum chair emails the proposal to the curriculum committee, then to the department/program faculty for a vote and finally to the department/program chair.

3. The department/program chair emails the proposal to curriculum-approval@iup.edu; this email will also serve as an electronic signature.

4. Curriculum committee staff will log the proposal, forward it to the appropriate dean's office(s) for review within 14 days and post it on the X Drive for review by all IUP faculty and administrators. Following the dean's review the proposal goes to the UWUCC/UWGC and the Senate.

5. Questions? Email curriculum-approval@iup.edu.

Contact Person:	Robert Sechrist	Email Address:	rpsecrst@iup.edu
Proposing Depart/Unit:	Geography & Regional Planning	Phone:	X2250

Course Prefix/Number	GEOG313 / RGPL313/GEOG513
Course Title	Cartography II/Cartography II/Cartography
Adding DE to an Already Approved Course	☒ Yes – *Template E only required* ☐ No – *Template A and E both required*
Type of Proposal	*(See CBA, Art. 42.D.1 for definition)* ☒ Online ☐ ITV
Brief Course Outline – if adding DE to an approved course *Give an outline of sufficient detail to communicate the course content to faculty across campus. It is not necessary to include specific readings, calendar, or assignments.*	Introduction History of Cartography & Mapping Traditional Cartography Section 　　Review of Cartographic Design 　　Working with ArcGIS software 　　Map Text Coordination (writing about maps) 　　Multi map systems – constructing a map book 　　Atlas design concepts 　　Individual Atlas Product assignment Animated/Web Cartography Section 　　Animation Concepts & Techniques 　　GIF, JPG, AVI, MPG, ETC 　　Using Microsoft Moviemaker 　　　　Animation Assignment: Crash into earth via frame capture 　　　　Animation Assignment: Move object across map background 　　Time Series Animation Concepts & Techniques 　　　　Animation Assignment: Time series animation 　　Individual Animation Project assignment Final Exam

Rationale for Proposal (Required Questions from CBA)

How is/are the instructor(s) qualified in the Distance Education delivery method as well as the discipline?	Dr. Sechrist has taught this course over twenty times in person previously. Over the past three years he has migrated the course to D2L. Dr. Sechrist has taught distance education courses for the past four years. Dr. Sechrist has taught at IUP since 1986.
For each outcome in the course, describe how the outcome will be achieved using Distance Education technologies.	1. Understand the ancient origins of mapping -- Students will read the text, other readings, and watch videos on cartographic history, the pivotal role of advances in cartographic instrumentation and knowledge in human history. Students will be quizzed on this material 2. Develop skills map and imagery display systems - Students will read the text, other readings, watch videos and complete on-line tutorials to obtain requisite skills. 3. Implement cartographic conventions – Students will read the text, other readings, watch videos and complete on-line tutorials on cartographic standards and design considerations. 4. Interpret cartography – Students will write descriptions of what they see on selected maps in a discussion format. Students will write individual descriptions of other selected maps for correction and re-write. 5. Create individual atlas – Booklet consisting of 30+ separate maps with descriptions designed to present a student identified theme. 6. Understand principles of animation for cartographic display -- Students will read the text, other readings, watch videos and complete on-line tutorials designed to expose them to the multitude of file formats and procedures for creating animations ranging from AVI to GIF to MPG. 7. Create animated map series – Students will create several animations ranging in size and content.
How will instructor-student and student-student, if applicable, interaction take place?	Using D2L interaction options, email, and telephone
How will student achievement be evaluated?	Quizzes, tests, writing assignments, online exercises, on-line tutorials, written responses to discussions
How will academic honesty for tests and assignments be addressed?	D2L will take care of most of the issues here. Exam and quiz questions are fully randomized by D2L. For written work the D2L originality checker will be used. In several instances students must complete ESRI tutorial courses and provide instructor with completion certificate.