Cover Sheet: Request 9976

SLP 1xxx Introduction to Spatial Thinking

Info

Process	Course|New|Ugrad/Pro
Status	Pending
Submitter	Carr,Margaret H mcarr@ufl.edu
Created	1/28/2015 4:50:54 PM
Updated	2/6/2015 11:29:20 AM
Description	This course will introduce students to fundamental concepts of spatial thinking that serve as the foundation for Geodesign.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	DCP - Design, Construction and Planning 011501000	Carr, Margaret H		1/28/2015
College	Approved	DCP - College of Design, Construction and Planning	Wehle, Andrew J		2/6/2015
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/6/2015
Statewide Course Numbering System					
Office of the Registrar					
Student Academic Support System					
Catalog					
College Notified					

UCC1: New Course Transmittal Form

Recommended SCNS Course Identification

1. Prefix   SLP   2. Level   1   3. Number   XXX   4. Lab Code   Select

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5. Course Title   Introduction to Spatial Thinking

6. Transcript Title (21 character maximum)   Intro Spatial Thinkin

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7. Effective Term   Fall   8. Effective Year   2015   9. Rotating Topic?   No

10. Amount of Credit   3   11. If variable, # minimum and # maximum credits per semester.

12. Repeatable credit?   No   13. If yes, total repeatable credit allowed   #

14. S/U Only?   No   15. Contact Type   Regularly Scheduled [base hr]

16. Degree Type   Baccalaureate   17. If other, please specify: Click here to enter text.

18. Category of Instruction   Introductory

19. Course Description

This course will introduce students to fundamental concepts of spatial thinking that serve as the foundation for Geodesign.

20. Prerequisites

None

21. Co-requisites

None

22. Rationale and Placement in Curriculum

This is an introductory course and so is slotted to be taken in a student's second semester.

23. Complete the syllabus checklist on the next page of this form.

Syllabus Requirements Checklist

    The University's complete Syllabus Policy can be found at:
    http://www.aa.ufl.edu/Data/Sites/18/media/policies/syllabi_policy.pdf

The syllabus of the proposed course **must** include the following:

- ☒ Course title

- ☒ Instructor contact information (if applicable, TA information may be listed as TBA)

- ☒ Office hours during which students may meet with the instructor and TA (if applicable)

- ☒ Course objectives and/or goals

- ☒ A weekly course schedule of topics and assignments.

- ☒ Methods by which students will be evaluated and their grades determined

- ☒ Information on current UF grading policies for assigning grade points. This may be achieved by including a link to the appropriate undergraduate catalog web page: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx.

- ☒ List of all required and recommended textbooks

- ☐ Materials and Supplies Fees, if any

- ☒ A statement related to class attendance, make-up exams and other work such as: *"Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx."*

- ☒ A statement related to accommodations for students with disabilities such as: *"Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation."*

- ☒ A statement informing students of the online course evaluation process such as: *"Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results."*

It is **recommended** that the syllabus contain the following:

- ☐ Critical dates for exams or other work

- ☐ Class demeanor expected by the professor (e.g. tardiness, cell phone usage)

- ☒ The university's honesty policy regarding cheating, plagiarism, etc.

   Suggested wording: UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

- ☒ Contact information for the Counseling and Wellness Center: http://www.counseling.ufl.edu/cwc/, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies

SLP 1xxx Introduction to Spatial Thinking
Professor: P. Carr (mcarr@ufl.edu)
Office Hours: TBD
3 credits, Meeting time and location TBD

SYLLABUS

General

Course Description:

This course will introduce students to fundamental concepts of spatial thinking that serve as the foundation for Geodesign.

Course Objectives:

At the end of the course students should be able to:

- Describe the differences between physical space, social space and intellectual space
- Describe at least 6 ways to map spatial relationships
- Discuss how geospatial analysis relates to Geodesign
- Map simple spatial relationships

Class Schedule:

Week	Topic
1	Course Intro + Geography of Life Spaces
2	Physical Space across scales
3	Social space across scales
4	Intellectual Space & Spatial Representation
5	Mapping Where Things Are
6 & 7	Mapping the Most & the Least
8 & 9	Mapping Density
10 & 11	Finding What's Inside
12 & 13	Finding What's Nearby
14 - 15	Mapping Change Flow, diffusion, migration
16	Semester Wrap Up

Performance and Grading

Assignments and Basis for Grades

Weekly Exercises – 50%
- Each week students will be asked to complete an exercise relevant to the week's topic. Each exercise will pose questions about the factual information covered, and will require students to engage in problem solving.

Midterm Examination – 25%

Final Examiniation - 25%
- Students are expected to attend each class. One unexcused absence will be allowed. After that students will lose 50% of the attendance grade for each absence. If for some reason you are not able to attend, please be sure to notify your instructors in advance.

Grading Scale

The following scale and associated letter grades will be used in this course.

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Numeric Grade	93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	0-59
Quality Points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

For greater detail, see the Registrar's Grade Policy regulations at
http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html

Attendance/Late Work and Make-up Work

Students will be allowed three unexcused absences without penalty. Each additional unexcused absence will result in the loss of 5% of points used to calculate the final grade.

Every attempt is to be made to submit work on the day assigned. A grade reduction of 10% per day will occur unless there is an acceptable excuse for the late submittal.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

Submission of Student Work

All student work may be retained and used by the Program. Digital Copies of student work for this course must be turned in at the completion of each assignment as described above. No grades will be

computed into the final course grade until digital submissions have been turned in. Files are to be named as follows:

course# name project student name. dwg/pdf/jpg/

Example: SLP1xxxReflection1Smith
Use caps for separation
No spaces, hyphens, or underscoring

 Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Texts, and other Resources and Regulations

Readings
Assigned text: Mitchell, Andy. The ESRI Guide to GIS Analysis, Volume 1: Geographic Patterns & Relationships. ESRI Press. 1999.

Additional readings will be posted via course reserves.

E-learning
For issues with technical difficulties for E-learning, please contact the UF Help Desk at:
- Learning-support@ufl.edu
- (352) 392-HELP
- https://lss.at.ufl.edu/help.shtml

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem.

Academic Honesty
"UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class."

Disabled Students requesting Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester, but no later than week 4.

Counseling Resources
Students experiencing crisis or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources.
http://www.counseling.ufl.edu/cwc/Default.aspx , 392-1575.
Please call the University Police Department: 392-1111 or 9-1-1 for emergencies.

Religious Holidays
The university calendar does not include observance of any religious holidays. The Florida Board of Governors and state law govern university policy regarding observance of religious holidays. Students shall be excused from class or other scheduled academic activity to observe a religious holy day of their faith with prior notification to the instructor. Students shall be permitted a reasonable amount of time to make up the material or activities covered in their absence. Students shall not be penalized due to absence from class or other scheduled academic activity because of religious observances.

Online Course Evaluation
 Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.

Disclaimer
This syllabus represents our current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.

All UCC1 forms and each UCC2 form that proposes a change in the course description or credit hours must include this checklist in addition to a complete syllabus. Check the box if the attached syllabus includes the indicated information.

Syllabus MUST contain the following information:

Instructor contact information (and TA if applicable)

Course objectives and/or goals

A weekly course schedule of topics and assignments

Required and recommended textbooks

Methods by which students will be evaluated and their grades determined

A statement related to class attendance, make-up exams and other work such as: "Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at:

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It is recommended that syllabi contain the following information:

1. Critical dates for exams and other work
2. Class demeanor expected by the professor (e.g., tardiness, cell phone usage)
3. UF's honesty policy regarding cheating, plagiarism, etc. Suggested wording: UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obliged to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor of TAs in this class.
4. Phone number and contact site for university counseling services and mental health services: 392-1575, http://www.counseling.ufl.edu/cwc/Default.aspx

    University Police Department: 392-1111 or 9-1-1 for emergencies.

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