

A - New Course Proposal V. 7.2022 : Entry # 2528**DEAN Decision**

Approved

Date

01/23/2023

Is this course intracollegiate or intercollegiate?

Intercollegiate

GEC Decision

Approved

Date

01/27/2023

APIRC Decision

Approved

Date

03/08/2023

Begin Form**Today's Date**

01/20/2023

Your Name:

Hilary Tanck

Your Email:htanck@highpoint.edu**Are you a Department Chair?**

No

Department Chair Name

Leslie Cavendish

Email address of your Department Chairlcavendi@highpoint.edu**By checking below I am certifying that my department chair has seen and approved the new course that is in this proposal**

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Yes

Please select the appropriate school overseeing this proposal:

Education

Please type the name of the school(s) overseeing this proposal

Stout School of Education

Which semester is this course to be taught for the first time?

Fall 2023

Information for the Registrar**Choose the department designator for your proposed course from the list below.**

DIS

Proposed Course Number

1000

Is this course cross listed?

No

Does this course replace a current course?

No

Enter the title of your proposed course

Understanding Our World Through Patterns

Enter the catalog description of your proposed course

We continuously encounter patterns, noticeable regularities that predictably repeat, in the symmetry of a sand dollar, the flow of traffic, the fractal branching of lightning, and recurring life event. Patterns are powerful they can set up expectations, tell stories, make predications, and inspire curiosity. Pattern recognition can provide different perspectives, lead to new discoveries, promote novel ideas, and provide templates to make sense of our experiences. This course examines not only the math and science behind patterns but also the artistry and beauty in design. Students will engage with patterns in various contexts (e.g., language, nature, people, and art). This course aims to provide students with opportunities to leverage pattern recognition to better understand themselves and the world around them.

Choose your proposed course's number of credits from the list below

4

How will the course be graded?

Letter grade

Please select the course repeat option for your proposed course:

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Not repeatable for credit

Offering cycle for your proposed course:

Fall semester

Does your course have any prerequisites?

No

Is this new course being proposed because of a proposal for a new or revised major or minor?

It is being proposed to better facilitate our learning communities in the School of Education.

Gen Ed and Academic Programs**Is this course part of Gen Ed?**

- Yes

Does your course count in the general education core (one of the core classes that cannot be double-dipped in your major or minor)?

Intellectual Discovery

Does this course count towards a major or a minor?

No, it does not count toward any particular major or minor

Will this course fulfill any of the below University academic program requirements?

- This course does not fulfill academic program requirements

Does this course include any community engagement?

No

Does this course participate in the GoGlobal Program?

No

Has it been reviewed and approved by the Global Experience Committee?

No

Information for Curriculum Review**Rationale for new course & consistency with departmental mission**

General Education course not a department course.

Please list all student learning outcomes for this course

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The course meets the learning outcomes to fulfill the new general education requirements. See the intellectual discovery objectives.

Please list any units or content areas that will be required for all sections of this course

Students will engage with patterns in various contexts (e.g., words, nature, people, numbers, and visual representations). Each of the previously mentioned contexts will act as a unit within the course.

Please list any assignments, tests, or other assessments that will be required for all sections of this course**Patterns Encountered Reflections**

Throughout the semester we will engage in activities around campus and in the community (e.g., Sechrest Art Gallery, Culp Planetarium, Qubein Arboretum and Botanical Gardens, downtown walk, music concert, nature hike). Additionally, twice this semester you will try something new such as a cooking class, yoga, keeping a personal journal—choose something that interests you. You will make connections between readings, class discussions, and your experience to reflect on patterns that catch your attention. Your reflection should include questions that arise.

Pattern Discussions

These short informal discussions are designed to encourage discussion and provide a space for you to make connections with peers. For each major topic, you will bring in an example that is personally significant or interesting to you. Additionally, these discussions will provide a launching point for your pattern series projects. Ideas, questions, and feedback you receive from these discussions should be implemented into the paper.

Pattern Series Project

Part I (Presentation): You will collaborate with a small group to create a presentation demonstrating pattern recognition for each major topic (e.g., people, nature, word, visual, and numbers). Your presentation should build off your work during the pattern discussion. The goal is to present diverse perspectives that tell the same story or demonstrate a similar pattern. You may use a variety of media forms to convey your ideas (e.g., video, audio, visual representations, writing).

Part II (Paper): You will write a two-page double spaced paper. Your paper should make connections to ideas and content from your presentation, your peers' presentation, and other course materials. Additionally, your reflection should include a description of how your collaboration with your peers on the presentation and the feedback provided during pattern discussions helped you develop ideas about the topic.

Pattern Composition

Part I (Gallery Walk Presentation): Using concepts, experiences, and your own personal strengths compose a pattern. Your composition should fall under one of the five topics nature, number, people, word, or visual patterns. Your composition can either explain a question or be designed to inspire one. Your presentation should include a caption including your name, the title of the piece, materials used, and a brief description to the viewer.

Part II (Gallery Walk Reflection): After engaging with your peers' patterns what connections can you draw? Right a reflection noting questions that arose, any changes in perspective, new ideas or concepts you took away. Additionally, your reflection should describe challenges that arose as you composed your pattern and how you overcame them.

Please list any readings or other materials that will be required for all sections of this course

Ball, P. (2016). Patterns in Nature: Why the Natural World Looks the Way It Does. The University of Chicago Free Press.
Barkman, R. (2022). See the World through Patterns. Clear Message Media.
Lakoff, G. & Johnson, M. (2003). Metaphors We Live By. The University of Chicago Free Press.

Please list any course policies that will be required for all sections of this course

N/A

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If you would like to specify anything about how requirements for contact hours must be met for all sections of this course, please indicate below (e.g., if any experiential learning activities will replace seat time)

N/A

Is there anything else the reviewing parties should know about this new course proposal that hasn't already been asked/addressed?

This course is intended to be paired with another education course to support our learning communities. We are aware this proposal is outside the traditional timeline to propose a new course, however, our dean Dr. Amy Holcombe has spoken to Dr. Bauer regarding our need to add an additional DIS course in the Stout School of Education at this time.

Sample Syllabus

- [Tanck_DIS_UnderstandingOurWorldThroughPatterns.docx](#)