

CSC 400P-J1 - Topics in Game Development

Rick Bingen

JTerm 2022

M-F 9:00 AM - 12:00 PM

rbingen@carthage.edu

Grading Criteria:

Participation and Attendance: 70%

Final Project: 30%

Course Description:

This course is designed for CS Majors and Minors and is repeatable. Each semester it is offered it will have a different topic. This semester our topic will be **Procedural Generation**. The first part of this course will involve learning procedural generation basics and different types of algorithms. During this part of the course we will attempt to implement some PCG algorithms. The second part of the course will be the final project where you will deep dive into some kind of PCG algorithm either in a group or individually.

Objectives:

- Learn Procedural Generation Principles
- Develop and implement PCG algorithms

Attendance Policy:

You are expected to attend every class in its entirety or to catch up with your teammates.

Grading:

You will be graded on participation in a number of ways.

- Attendance in class.
- Participation in considering PCG methods
- Participation with team projects

Advising and Accommodations:

The Carthage Advising Center offers a variety of services and accommodations to students with disabilities, based on appropriate documentation, nature of disability, and academic need. In order to initiate services, students should meet with Diane Schowalter at the start of the semester to discuss reasonable accommodation. After meeting with Diane Schowalter, students in need of

accommodations should also speak with individual faculty members from whom accommodations are sought to communicate their needs and make requests in a timely manner. If a student does not request accommodation or provide documentation, the faculty member is under no obligation to provide accommodations. You may contact Diane Schowalter at ext. 5802 or via e-mail at dschowalter1@carthage.edu.

A note about accessibility:

Carthage College strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers due to your disability (including mental health, learning disorders and chronic medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, you also need to register with Diane Schowalter in Learning Accessibility Services (dschowalter1@carthage.edu).

Academic Success and Health:

Good health can help you achieve academic success. The Health and Counseling Center (HCC) supports students by addressing physical, mental, and emotional well-being. All services are free and confidential and are provided by experienced and licensed professionals. Services are available to all full-time, undergraduate students.

TARC 2240 | 262-551-5710 | <https://www.carthage.edu/campus-life/health-counseling/>

Mon-Fri 8:00am-4:00pm

Equity and Inclusion:

I agree whole-heartedly with the Carthage's mission statement on equity and inclusion. It can be found [here](#).