

## Comp 872: Exploring Virtual Worlds

### UNC Graduate Record Description

**872 Exploring Virtual Worlds (3).** Prerequisite, COMP 870. Project course, lecture, and seminar on real-time interactive 3D graphics systems in which the user is "immersed" in and interacts with a simulated 3D environment. Hardware, modeling, applications, multi-user systems.

### General Course Info

Term:	Spring 2016
Department:	COMP
Course Number:	872
Section Number:	001
Time:	9:30 – 10:45 AM
Location:	FB 220 (subject to change)

### Instructor Info

Name:	Henry Fuchs
Office:	FB 216
Email:	fuchs@cs.unc.edu
Phone:	919-590-6211
Web:	<a href="http://www.cs.unc.edu/~fuchs">http://www.cs.unc.edu/~fuchs</a>
Office Hours:	Tuesdays 11AM - Noon

### Teaching Assistant

Kishore Rathinavel	kishore@cs.unc.edu
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Office Hours

Thursdays 11AM - Noon

## Textbooks and Resources

We will use zotero for paper reference databases, and email for dissemination of most information.

## Course Description

In this course we will study, create, and experience virtual worlds—immersive, interactive computer-generated environments. We will read papers in the field (both historical and recent), and develop software (and perhaps hardware) and develop individual projects. Each student will present and lead discussion of 3-5 papers during the course of the semester, and will present updates on his/her project several times during the semester.

## Prerequisites

Prerequisite for this course is Comp 870 (Advanced Image Synthesis) or another course in computer graphics or computer vision or permission of instructor.

## Grading Criteria

The course grade will be based on 1) one or more homework assignments, 2) presentations and discussion of papers in class, and 3) individual project(s). There will be no final exam.

## Honor Code

Students are encouraged to collaborate and learn from each other, but students are expected to do their own software development. When in doubt about the acceptable level of collaboration on an assignment, students should first ask the

instructor. Under the Honor Code students must submit their own work and must document when their work is joint with someone else.

### Disclaimer

The instructor reserves the right to make changes to this syllabus. These changes will be announced as early as possible.