





Introduction to Computer Graphics

Kansas State Universit

Background Expected

Both Courses

- * Proficiency in C/C++ or *strong* proficiency in Java and ability to learn
- * Strongly recommended: matrix theory or linear algebra (e.g., Math 551)
- * At least 120 hours for semester (up to 150 depending on term project)
- * Textbook: 3D Game Engine Design, Second Edition (2006), Eberly
- * Angel's OpenGL: A Primer recommended
- CIS 536 & 636 Introduction to Computer Graphics
 - * Fresh background in precalculus: Algebra 1-2, Analytic Geometry
 - * Linear algebra basics: matrices, linear bases, vector spaces
 - * Watch background lectures
- CIS 736 Computer Graphics
 - * Recommended: first course in graphics (background lectures as needed)
 - * OpenGL experience helps
 - * Read up on shaders and shading languages
 - * Watch advanced topics lectures; see list before choosing project topic

CIS 536/636	CG Basics 1 of 10:	Computing & Information Sciences
Introduction to Computer Graphics	Math	Kansas State University









































Introduction to Computer Graphics

CG Basics 1 of 10: Math

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