

Richmond Computer Graphics Technology – Game Development & Design (GASD)

Suggested Arrangement of Courses:

Cr	Fall 1st Year	Prerequisite	Cr	Spring 1st Year	Prerequisite
3	SCLA 10100 Transformative Texts, Critical Thinking & Comm I*		3	SCLA 10200 Transformative Texts, Critical Thinking & Comm II*	
3	MA 15800 Pre-calculus*	ALEKS 60	3	MA 16010 Applied Calculus I*	MA 15800 or ALEKS 75
2	CGT 10101 Foundations of CGT		3	CGT 11800 Fund. of Imaging Tech	
3	CGT 11600 Geo Mdl Visual & Comm		3	CGT 14100 Internet Fdtn Dev & Tech	
3	TECH 12000 Design Thinking *		3	PSY 12000 Elem. Psychology*	
14			15		

Cr	Fall 2nd Year	Prerequisite	Cr	Spring 2nd Year	Prerequisite
3	CGT 24100 Intro to Computer Animation		3	CGT 21500 CG Programming I	CGT 14100 and C: MA 16010 w/C-
3	CGT 30800 Prepress Prod & Des [Free Elective]	CGT 11800	3	CGT 25600 Human Computer Interface Theory & Design	
3	CGT 32101 Digital Illustration [⁹ Technical Elective]	CGT 11800	3	CGT 34000 Digital Light & Rendering	CGT 24100
4	PHYS 22000 General Physics I*		3	ECON 21000 Principles of Econ	
3	[¹ Human Culture: Humanities Core*]		3	TLI 11200 Foundations of Org Lead [Free Elective]	
16			15		

Cr	Fall 3rd Year	Prerequisite	Cr	Spring 3rd Year	Prerequisite
3	CGT 24500 Game Development I	CGT 11600 & C: CGT 14100	3	CGT 25500 Game Development II	CGT 24500
3	CGT 44600 Post Prod & Special Effects for Computer Animation [Free Elective]	CGT 24100	0	CGT 20500 Portfolio Review	
3	[³ Science Selective*]		3	CGT 39000 Digital Photography [⁹ Technical Elective]	
3	TLI 31400 Leading Innov. in Orgs [⁶ Management Selective]		3	TECH 39699 Prof. Practice Internship [⁹ Technical Elective]	
3	ENGL 42100 Technical Writing [⁴ Advanced English Selective]	SCLA 10100	3	COM 32000 Small Group Comm [⁷ Communication Selective]	SCLA 10200
			3	Free Elective	
15			15		

Cr	Fall 4th Year	Prerequisite	Cr	Spring 4th Year	Prerequisite
3	CGT 34500 Game Development III	CGT 20500 & CGT 25500	3	CGT 44500 Game Development IV	CGT 34500
			0	CGT 40500 Senior Portfolio Review	CGT 20500
2	CGT 41101 Contemporary Problems in Applied Computer Graphics I	SR Standing	2	CGT 41201 Contemporary Problems in Applied Computer Graphics II	CGT 41101 SR Standing
1	CGT 25001 Computer Graphics Professional Practices I	CGT 10101	1	CGT 45001 Computer Graphics Professional Practice II	CGT 25001 SR Standing
3	MGMT 45500 Leg. Background Bus I TLI 45700 Technology Policy & Law		3	TECH 33000 Tech & Global Society [⁸ CGT Globalization Selective]	TECH 12000
3	Free Elective		3	STAT 30100 Elem. Statistical Methods [⁵ Statistics Selective]	
3	[² Humanities Elective]		3	[² Humanities Elective]	
15			15		

*Satisfies a University Core Requirement

**Intercultural Requirement, Humanities Requirement, Professional Requirement.

Students must earn a "C-" or better in all CGT courses.

120 semester credits required for Bachelor of Science degree.

2.0 Graduation GPA required for Bachelor of Science degree.

Purdue policy states that a student may attempt a course no more than three (3) times. An attempt is defined as all courses displayed on a student's transcript including, but not limited to A,B,C,D,E,F,W,WF,I and IF.

Each student must have 32 credit hours of 300- or 400-level Purdue courses for graduation.

•Cornerstone Certificate is required with this major.

**The student is ultimately responsible for knowing and completing all degree requirements.
myPurduePlan is knowledge source for specific requirements and completion.**

Richmond SUPPLEMENTAL CGT INFORMATION

Bold indicates courses offered at Richmond Location.

See Student Affairs Administrator for course availability.

¹HUMAN CULTURES: HUMANITIES CORE:

See <http://www.purdue.edu/provost/initiatives/curriculum/course.html> for approved Humanities Core Courses.

²HUMANITIES ELECTIVE:

Any course in the Purdue College of Liberal Arts.

³SCIENCE FOUNDATIONAL SELECTIVE CORE:

See <http://www.purdue.edu/provost/initiatives/curriculum/course.html> for approved Science Core Courses.

CHM 11100 General Chemistry

PHYS 22100 General Physics II

⁴ADVANCED ENGLISH SELECTIVE:

ENGL 20500 Introduction to Creative Writing
 ENGL 30400 Advanced Composition
 ENGL 41900 Multimedia Writing

ENGL 42000 Business Writing
ENGL 42100 Technical Writing

⁵STATISTICS SELECTIVE:

IET 31600 Statistical Quality Control
 PSY 20100 Introduction to Statistics in Psychology
 STAT 22500 Introduction to Probability Models

STAT 30100 Elementary Statistical Methods
 STAT 35000 Introduction to Statistics

⁶MANAGEMENT SELECTIVE:

Any Course in Economics (ECON), Entrepreneurship (ENTR), Management (MGMT), Organizational Behavior & Human Resources (OBHR), **Organizational Leadership & Supervision (OLS)** or **Technology, Leadership & Innovation (TLI)**.

TLI 31400 Leading Innovation in Organizations

⁷COMMUNICATION SELECTIVE:

COM 30000 or 40000 Level

COM 32000 Small Group Communication

⁸CGT GLOBALIZATION SELECTIVE:

AAS	27100	Intro to African American Studies		COM	41200	Theories of Human Interaction
AAS	37300	Issues in African American Studies		COM	42300	Leadership, Communication & Orgs
AGR	20100	Communicating Across Culture		ECET	29000	International Experience
ANSC	38100	Leadership for a Diverse Workplace		ECET	38001	Global Professional Issues in ENGT
ANTH	20300	Bio. Bases of Human Soc. Behavior		EDPS	23500	Learning and Motivation
ANTH	20500	Human Cultural Diversity		EDPS	30000	Student Leadership Development
ANTH	21000	Technology and Culture		EDPS	30100	Peer Counseling Training
ANTH	21200	Culture, Food and Health		EDPS	31500	Collab. Ldrship: Interpersonal Skills
ANTH	23000	Gender Across Cultures		EDPS	31600	Collab. Ldrship: Cross-Cult. Settings
ANTH	34000	Global Perspectives on Health		EDPS	31700	Collab. Leadership: Mentoring
ANTH	34100	Culture and Personality		ENGL	41400	Studies in Literature and Culture
ANTH	37900	Native American Cultures		HDFS	23300	Stress & Human Health
ARAB	28000	Arabic Culture		HDFS	28000	Diversity in Individual & Family Life
ASAM	24000	Intro to Asian American Studies		HDFS	33200	Stress & Coping in Contemp. Fam.
AT	23300	Ethics and Aviation		HEBR	38500	Holocaust in Mod. Hebrew Lit.
CNIT	32000	Policy, Reg, & Globalization in IT		HIST	19500	Historian's Craft: Hist. Rsrch. & Film
COM	22400	Comm. in the Global Workplace		HIST	30000	Eve of Des: Glob Cris Wrld Org 20th Cen
COM	30300	Intercultural Communication		HIST	33805	History of Human Rights
COM	32000	Small Group Communication		HIST	35000	Sci. & Soc. in 20th Century World
COM	37300	Self-Presentation and Social Image		HIST	36600	Hispanic Heritage of the US
COM	38000	Soc. Study of African Amer. English		HIST	37700	History & Culture of Native America

