# PURDUE
## U N I V E R S I T Y

**Computer Graphics Technology**
College of Technology
Name:
PUID:

TCGT-BS
Catalog Term: 201510
120 Credit Hours to Graduate
"C-"or better required in all major courses

## Departmental/Program Major Courses (41 credits)
### Required Major Courses (17 credits)
- (2) CGT 10101 – Foundations of Computer Graphics Technology
- (3) CGT 11800 – Fundamentals of Imaging Technology
- (3) CGT 14100 – Internet Foundations, Development & Technologies
- (3) CGT 21500 – CG Programming I
- (3) CGT 41100 – Contemporary Problems in Applied CGT
- (3) CGT 45000 – Professional Practices

### Major Selectives* - Select 8 of the following courses (24 credits)
**http://www.tech.purdue.edu/CGT/academics/coursepages.cfm**
- (3) CGT 10000 – 100 Level Selective (CGT 11100 or CGT 11600)
- (3) CGT Selective
- (3) CGT Selective
- (3) CGT Selective
- (3) CGT Selective
- (3) CGT Selective – 300 or 400 Level Selective
- (3) CGT Selective – 300 or 400 Level Selective
- (3) CGT Selective – 400 Level Selective

### Other Departmental /Program Course Requirements (28 credits)
- (3) COM 11400 – Speech Communication *(satisfies Oral Communication for core)*
- (3) ECON 21000 – Principles of Economics *(satisfies Human Culture Behavior/Social Science for core)*
- (3) ENGL 10600 or ENGL 10800 *(satisfies Written Communication for core)*
- (3) MA 15800 – PreCalculus (*satisfies Quantitative Reasoning Selective for core*)
- (3) MA 16010 – Applied Calculus I (satisfies *Quantitative Reasoning* for core)
- (3) MGMT 45500 – Legal Background For Business I
- (4) PHYS 21800 – General Physics *(satisfies Science Selective for core)*
- (3) PSY 12000 – Elementary Psychology (*satisfies Human Culture Behavioral/Social Science for core*)
- (3) TECH 12000 – Design Thinking *(satisfies Information Literacy AND Science, Technology & Society Selective for core)*

## Electives (51 credits)

| | | | |
|---|---|---|---|
| (3) *Human Behavior Humanities for core* | (3) *Science Selective for core* | (3) Humanities Elective | (3) Humanities Elective |
| (3) Technical Elective | (3) Technical Elective | (3) Technical Elective | (3) Advanced English Selective |
| (3) Statistics Selective | (3) Management Elective | (3) Communication Selective | (3) CGT Global Selective |
| (3) Free Elective | (3) Free Elective | (3) Free Elective | (3) Free Elective |
| (3) Free Elective | | | |

## University Core Requirements

| | | | |
|---|---|---|---|
| *Human Cultures Humanities* | € | *Science, Technology & Society Selective* | € |
| *Human Cultures Behavioral/Social Science* | € | *Written Communication* | € |
| *Information Literacy* | € | *Oral Communication* | € |
| *Science Selective* | € | *Quantitative Reasoning* | € |
| *Science Selective* | € | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**The student is ultimately responsible for knowing and completing all degree requirements.**

**myPurduePlan is knowledge source for specific requirements and completion**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Revised 4/2014 (effective Fall 2014)

# Computer Graphics Technology

link to plan of study

**Suggested** Arrangement of Courses:

| Cr | | Fall 1st Year | Prerequisite | Cr | | Spring 1st Year | Prerequisite |
|----|---|---|---|----|---|---|---|
| 2 | | CGT 10101 Foundations of CGT | Major | 3 | | CGT 10000 Selective (10000 Level) | Major |
| 3 | | CGT 11800 Fund. Of Imaging Tech* | Major | 3 | | CGT 14100 Internet Fdtn Dev & Tech | Major |
| 3 | | TECH 12000 Design Thinking * | | 3 | | COM 11400 Speech Communication* | |
| 3 | | English Selective* | | 3 | | PSY 12000 Elem. Psychology* | |
| 3 | | MA 15800 Precalculus* | ALEKS 60% | 3 | | MA 16010 Applied Calculus I* | MA 158 or ALEKS 75% |
| | | | | | | | |
| **14** | | | | **15** | | | |

| Cr | | Fall 2nd Year | Prerequisite | Cr | | Spring 2nd Year | Prerequisite |
|----|---|---|---|----|---|---|---|
| 3 | | CGT 21500 CG Programming I | CGT 141 & Conc MA 16010 | 3 | | CGT Selective | |
| 3 | | Human Behavior: Human Core* | | 3 | | CGT Selective | |
| 4 | | PHYS 21800 General Physics* | | 3 | | Science Foundational Selective Core* | |
| 3 | | Free Elective | | 3 | | ECON 21000 Principles of Econ | |
| 3 | | Technical Elective | | 3 | | Free Elective | |
| | | | | | | | |
| **16** | | | | **15** | | | |

| Cr | | Fall 3rd Year | Prerequisite | Cr | | Spring 3rd Year | Prerequisite |
|----|---|---|---|----|---|---|---|
| 3 | | CGT Selective | | 3 | | CGT Selective (30000 or 40000 Level) | |
| 3 | | CGT Selective | | 3 | | CGT Selective (30000 or 40000 Level) | |
| 3 | | Humanities Elective | | 3 | | CGT Globalization Selective | |
| 3 | | Advanced English Selective | ENGL 106 or 108 | 3 | | Statistics Selective | |
| 3 | | Free Elective | | 3 | | Management Selective | |
| | | | | | | | |
| **15** | | | | **15** | | | |

| Cr | | Fall 4th Year | Prerequisite | Cr | | Spring 4th Year | Prerequisite |
|----|---|---|---|----|---|---|---|
| 3 | | CGT Selective (40000 Level) | | 3 | | CGT 45000 Professional Practice | SR Standing |
| 3 | | Humanities Elective | | 3 | | CGT 41100 Contemp Prob in CGT | SR Standing |
| 3 | | Free Elective | | 3 | | Free Elective | |
| 3 | | MGMT 45500 Leg. Backgrd for Bus I | | 3 | | Communication Selective | |
| 3 | | Technical Elective | | 3 | | Technical Elective | |
| | | | | | | | |
| **15** | | | | **15** | | | |

*Satisfies a University Core 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

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**The student is ultimately responsible for knowing and completing all degree requirements.**

**myPurduePlan is knowledge source for specific requirements and completion**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*