



Georgia Tech  
College of Computing

Degree Worksheet  
MSCS

Area of Specialization: Computer Graphics

Computer Graphics Specialization = 15 hours of core + required electives  
15 hours of "free" electives  
30 Hours Total for Degree

Must earn grades of "B" or higher in all courses that count in the Area of Specialization. Must earn a minimum 3.0 overall GPA to graduate. Only letter grade coursework will count.

SECTION 1 - Demographics

Name: \_\_\_\_\_ GT ID# (example: 90XXXXXXX): \_\_\_\_\_

Graduation Semester (example: Spring 2024): \_\_\_\_\_ Date: \_\_\_\_\_

SECTION 2 – Computer Graphics Core (6 hours)

Take one (1) course from:

| Mark (X) | Prefix & No. | Course Title                     | Semester Taken | Credit Hours | Grade |
|----------|--------------|----------------------------------|----------------|--------------|-------|
|          | CS 6457      | Video Game Design                |                |              |       |
|          | CS 6491      | Foundations of Computer Graphics |                |              |       |
|          | CS 7496      | Computer Animation               |                |              |       |

And, one (1) course from:

| Mark (X) | Prefix & No. | Course Title                              | Semester Taken | Credit Hours | Grade |
|----------|--------------|---|----------------|--------------|-------|
|          | CS 6505      | Computability, Algorithms, and Complexity |                |              |       |
|          | CS 6515      | Introduction to Graduate Algorithms       |                |              |       |

Section 2 - Transfer Credit / Substitutions (if applicable)

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |

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**SECTION 3 – Computer Graphics Required Electives (9 hours)**

Pick three (3) courses from:

| Mark (X) | Prefix & No. | Course Title                     | Semester Taken | Credit Hours | Grade |
|----------|--------------|----------------------------------|----------------|--------------|-------|
|          | CS 6457      | Video Game Design                |                |              |       |
|          | CS 6475      | Computational Photography        |                |              |       |
|          | CS 6476      | Computer Vision                  |                |              |       |
|          | CS 6491      | Foundations of Computer Graphics |                |              |       |
|          | CS 6492      | Shape Grammar                    |                |              |       |
|          | CS 6730      | Data Visualization               |                |              |       |
|          | CS 7450      | Information Visualization        |                |              |       |
|          | CS 7496      | Computer Animation               |                |              |       |

**Section 3 - Transfer Credit / Substitutions (if applicable)**

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |

**SECTION 4 – “Free” Electives (15 hours)** *“Free” Electives are any remaining letter grade courses not used above and within program rules.*

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |

**Section 4 - Transfer Credit / Substitutions (if applicable)**

| Prefix & No. | Course Title | Semester Taken | Credit Hours | Grade |
|--------------|--------------|----------------|--------------|-------|
|              |              |                |              |       |
|              |              |                |              |       |
|              |              |                |              |       |

**This section to be completed by MSCS Advisor**

Notes:

S-GPA: \_\_\_\_\_

C-GPA: \_\_\_\_\_

Advisor

Sign \_\_\_\_\_

Date \_\_\_\_\_