

Date entered \_\_\_\_\_

Name \_\_\_\_\_

**Associate Degree Plan of Study(AS2005)**  
Department of Computer Graphics Technology  
Purdue University

| Semester 1                       | CR | GR | Semester 2                        | CR | GR | Semester 3                       | CR | GR | Semester 4                     | CR | GR |
|----------------------------------|----|----|-----------------------------------|----|----|----------------------------------|----|----|--------------------------------|----|----|
| CGT 111 Design for Vis. & Com.   | 3  |    | CGT 116 Geo. Model for Vis. & Com | 3  |    | CGT 211 Raster Imaging for CG    |    |    | CGT 216 Vector Imaging for CGT |    |    |
| CGT 112 Sketching for Vis. & Com | 3  |    | CGT 141 Internet Fdtn Dev & Tech  | 3  |    | or CGT 118 Fund. of Imaging Tech |    |    | or CGT 215 CGT Programming -   |    |    |
| CGT 101 Intro. to CGT            | 3  |    | COM 114 Speech Communication      | 3  |    | see note #1                      | 3  |    | see note #2                    | 3  |    |
| ENGL Selective                   | 3  |    | MA 221 Calculus for Tech. I*      | 3  |    | CGT Selective                    | 3  |    | CGT Selective                  | 3  |    |
| MA 159 Precalculus               | 5  |    | C&IT 175 Visual Programming       | 3  |    | ECON 210 Principles of Econ.     | 3  |    | Science Selective              | 3  |    |
|                                  |    |    |                                   |    |    | PHYS 218 General Physics I       | 4  |    | Liberal Arts Elective          | 3  |    |
|                                  |    |    |                                   |    |    | Elective                         | 3  |    | Elective                       | 3  |    |
|                                  |    |    |                                   |    |    |                                  |    |    |                                |    |    |
|                                  |    |    |                                   |    |    |                                  |    |    |                                |    |    |
| <b>Total</b>                     | 17 |    | <b>Total</b>                      | 15 |    | <b>Total</b>                     | 16 |    | <b>Total</b>                   | 15 |    |

\*Students not planning to pursue the B.S. Degree may substitute another Math above the MATH 159 level or lab Physics, Biology or Chemistry science course.

**Notes:**

- Students who plan to pursue the B.S. degree in Interactive Multimedia Development, Computer Animation, and Construction Graphics Communication must take CGT 211 instead of CGT 118.
- Students who plan to pursue the B.S. degree in Interactive Multimedia Development, Computer Animation, and Construction Graphics Communication must take CGT 216 instead of CGT 215.
- A minimum grade of "C" is required in all prerequisite CGT courses.
- A minimum grade of "C" is required in all CGT courses used to complete the the A.S. and the B.S. degrees.
- Students may not repeat the same CGT course more than once if they received a grade (including a W or WF) unless they get prior approval from the Department Head of Computer Graphics Technology.

**Engl Selective:**

Engl 101 or 106 or 108 (select 1)

**CGT Selective:**

CGT 226 Introduction to Constraint-based Modeling  
CGT 241 Introduction to Animation and Spatial Graphics  
CGT 256 Human Computer Interface Theory & Design  
CGT 262 Introduction to Construction Graphics  
CGT 323 Introduction to 3D Surface Geometry  
CGT 340 Digital Lighting and Rendering  
CGT 351 Multimedia Authoring I  
CGT 353 Interactive and Dynamic Design  
CGT 356 Hypermedia Authoring I  
CGT 360 Applications of Construction Documentation

**Science Selective:**

See Note 7.

# COURSES RELATED TO AREAS OF CONCENTRATION

## Computer-aided Design

CGT 226  
CGT 323  
CGT 326  
CGT 423  
CGT 426  
CGT 241  
CGT 215  
CGT 315  
MET 141  
MET 242  
MET 212  
MET 451 (IE 477)

## Computer Animation

CGT 241  
CGT 340  
CGT 341  
CGT 346  
CGT 442  
CGT 443  
CGT 444  
CGT 446  
A&D sketching and photography  
THTR 133  
THTR 260  
THTR 263  
THTR 264

## Note 7

ASTR 263  
ASTR 264  
  
BIOL 110  
BIOL 111  
BIOL 121  
BIOL 131  
BIOL 205  
BIOL 206  
BIOL 221  
  
CHM 111  
CHM 112  
CHM 115  
CHM 116  
CHM 123  
CHM 124  
CHM 255  
CHM 256  
  
CS 158  
CS 180  
CS 182  
CS 235  
CS 240  
CS 250  
CS 251

## Selected Science Courses from Science, Agriculture, and Health Sciences

EAS 100  
EAS 104  
EAS 102  
EAS 105  
EAS 109  
EAS 111  
EAS 112  
EAS 113  
EAS 115  
EAS 116  
EAS 120  
EAS 138  
EAS 171  
EAS 221  
  
ENTM 105  
ENTM 206 + ENTM 207  
ENTM 218  
  
FNR 103  
FNR 240  
  
HSCI 218

## Construction Graphics

CGT 262  
CGT 360 (formerly 267)  
CGT 362  
CGT 241  
CGT 340  
BCM 130  
BCM 230  
BCM 275  
BCM 285

## Interactive Multimedia

CGT 256  
CGT 351  
CGT 346  
CGT 446  
CGT 451  
A&D design, sketching, and photography

## Web Design

CGT 256  
CGT 346  
CGT 353  
CGT 356  
CGT 456  
A&D design, sketching, and photography

MA 166  
MA 170  
MA 173  
MA 174  
MA 181  
MA 182  
MA 222  
MA 224  
MA 261  
MA 262  
MA 265  
MA 266

PHYS 152  
PHYS 162  
PHYS 163  
PHYS 219  
PHYS 221  
PHYS 241  
PHYS 251  
PHYS 261  
PHYS 280

STAT 224  
STAT 301  
STAT 311  
STAT 350