

Department of Computer Graphics Technology (Graphic Design Technology)

Bachelor of Science in Computer Graphics Technology (Technical Design)

Major Code: CGT

Concentration Code: TEDS

Effective Date: 2020-2021 Academic Year

Curriculum Guide (New)

Course	CR	Course	CR
Freshman Year: First Semester		Freshman Year: Second Semester	
Mathematical Logical Analytical Reasoning*	4	Mathematical Logical Analytical Reasoning*	4
ENGL 100 Ideas & Their Exprsns I	3	CGT 103 Design Technology	3
CGT 121 Design Fundamentals in TDUX	3	ENGL 101 Ideas & Their Exprsns II	3
CGT 101 Introduction to Technology	3	African American History and Culture*	3
Student Success*	1	CGT 124 Design Applications	3
HPED/SSFM _____ Elective	1		
Semester Total	15	Semester Total	16
Sophomore Year: First Semester		Sophomore Year: Second Semester	
CGT 230 Photography for TDUX	3	CGT 224 Modeling	3
CGT 281 Graphic Design I for TDUX	3	Global Awareness Elective *	3
Scientific Reasoning with Lab*	3	CGT 282 Graphic Design II for TDUX	3
Scientific Reasoning Lab*	1	CGT 211 Evolution & Soc Implictns of Tech	3
CGT 212 Technical Communication	3	Scientific Reasoning with Lab*	3
Humanities or Fine Arts Elective*	3	Scientific Reasoning Lab*	1
Semester Total	16	Semester Total	16
Junior Year: First Semester		Junior Year: Second Semester	
CGT 398 Professional Practices in Design	3	CGT 382 Multimedia Design & Technology	3
CGT 326 Animation	3	CGT 346 Package Design	3
CGT 324 Product Design	3	CGT 329 Special Problems I	3
CGT 320 Architectural Design Technology	3	Free Elective	3
Social or Behavioral Science*	3	PSYC 273 Industrial Psychology	3
Semester Total	15	Semester Total	15
Senior Year: First Semester		Senior Year: Second Semester	
Free Elective	3	CGT 442 Design Tech Entrepreneurship	3
CGT 446 Display & Structure Design	3	CGT 441 Design Tech Project Mngt II	3
CGT 422 Advanced Modeling	3	CGT 429 Special Problems II	3
CGT 461 Senior Capstone Portfolio	3	Free Elective	3
CGT 423 Design Tech Project Mngt I	3		
Semester Total	15	Semester Total	12

Total Credit Hours: 120

*From official list at https://www.ncat.edu/provost/general_education_resources/general_education_course_list/index.html

MAJOR PROGRAM REQUIREMENTS

Students must earn a C or better grade in the following courses:

Course	Course
CGT 121	CGT 441
CGT 124	CGT 442
CGT 224	CGT 461
CGT 230	CGT 380
CGT 281	CGT 381
CGT 282	CGT 383
CGT 326	CGT 386
CGT 382	CGT 410
CGT 398	CGT 426
CGT 423	CGT 430