GIT 200 Digital Imaging and Publishing

Course Description: A course on digital printing and output methods. Topics include: digital print processes and equipment, variable data fundamentals, database applications, and emerging technologies. Students must attend tours of companies that use current printing and publishing technologies

Prerequisites(s): GIT-100, GRD120, GRD-130 **Corequisite(s):** No corequisite

Lecture Hours: 1	Lab Hours: 6	Credit Hours: 3
Lab Fee: $210	Supplemental Fee: 0	Purpose:
☐ Transfer Assurance Guide Course (TAG)	☐ Transfer Module Course (TM)	
Course Format: Lec/Lab	Grading: A/B/C/D/F/I	
Delivery Method: □ Web	□ Hybrid	x Classroom
Semesters Offered: x Fall	□ Spring	□ Summer

Course Primary Text:

Title: none	Edition:

Supplemental Materials:

Presentations, online tutorials, tours/demos from local digital production companies

Course Outcomes:

1	To develop an understanding of various types of digital output devices and their impact on areas of the print industry.
2	To differentiate between the basic technology behind the various types of digital devices: inkjet, laser, dye sublimation, thermal, etc.
3	To understand different ink systems of digital devices and what products they are used for.
4	To use various software applications to create digital files for production.
5	Research emerging digital print technologies.

Course Topics:

Week 1	Classifications of digital imaging
Week 2	Fundamentals of digital workflow: types of digital output
Week 3	Creating art for digital imaging: Simple output/duplicators
Week 4	Calibration and ICC profiles: monitor
Week 5	Creating art for digital imaging: Laser technology
Week 6	Variable Data Printing: understanding data files
Week 7	Variable Data Printing: design and file construction
Week 8	Variable Data Printing: Data merge and output

Week 9	Calibration and ICC profiles: output
Week 10	Creating art for digital imaging: Inkjet technology
Week 11	Creating art for digital imaging: Inkjet technology
Week 12	E-Publishing
Week 13	Printed Electronics
Week 14	Cross curriculum: Final project
Week 15	Cross curriculum: Final project

Methods of Evaluation/Assessment

Quizzes, tests, labs and projects

Course Keeper: Kathy Freed

Date Completed: 3/31/2019