



North Central State College
MASTER SYLLABUS
2019-2020

- A. Academic Division: Business, Industry and Technology
- B. Discipline: Visual Communications Media & Technology
- C. Course Number and Title: VCMT2060 Principles of Printing Technology
- D. Course Coordinator: Lynn Damberger
Assistant Dean: Toni Johnson, PhD

Instructor Information:

- Name: Click here to enter text.
- Office Location: Click here to enter text.
- Office Hours: Click here to enter text.
- Phone Number: Click here to enter text.
- E-Mail Address: Click here to enter text.

- E. Credit Hours: 3
Lecture: 2 hours
Laboratory: 2 hours
- F. Prerequisites: VCMT1280, VCMT1550
- G. Syllabus Effective Date: Fall, 2019
- H. Textbook(s) Title: None
- I. Workbook(s) and/or Lab Manual: None
- J. Course Description: An overview of printing processes including individual hands-on experience with the major printing processes including offset lithography, large format inkjet, digital printing and silk screen printing. Printing materials and finishing techniques will be included. Hands-on experience printing in the lab will be required.
- K. College-Wide Learning Outcomes:

College-Wide Learning Outcome	Assessments - - How it is met & When it is met
Communication – Written	
Communication – Speech	
Intercultural Knowledge and Competence	
Critical Thinking	
Information Literacy	
Quantitative Literacy	

L. Course Outcomes and Assessment Methods:

Upon successful completion of this course, the student shall:

Outcomes	Assessments – How it is met & When it is met
1. Produce individual projects using major printing processes including offset lithography, large format inkjet, digital printing and screen process.	Individual lab experiences producing projects using different printing methods. Every two to 3 weeks another printing method will be explored, time spent on method will vary depending on its complexity. Projects throughout the semester.
2. Explain the history and role of the printing industry in communication.	Quizzes, homework, research paper and case studies. Weekly, week 7 midterm and week 15 case studies.
3. Problem-solve file preparation and printing problems.	Quizzes, individual and team lab experiences, and case studies, participation. Periodically during the study of each printing process problems will come up and be addressed throughout the semester as they occur.
4. Follow steps in the printing process, and the costs involved in those steps and methods.	Quizzes and case studies. Weekly quizzes, projects for each printing method, midterm, and final case studies.
5. Work independently and as part of a production team.	Individual lab experiences, and team lab experiences and case studies. Throughout the semester.
6. Choose proper printing process and materials for different types of printed products.	Lab projects, quizzes, homework and case studies. Weekly quizzes and final notebook and final case study.
7. Describe color management from file to printing press.	Lab projects, quizzes & case studies. Weekly chapter quizzes, midterm and final tests and projects.
8. Identify samples of printing process, substrates and finishing techniques.	Notebook of printing samples and finishing techniques. Evaluated week 15.

M. Topical Timeline (Subject to Change):

1. Technical and historical perspective of printing methods
2. Review of pre-press skills from VCMT 1080 Intro to Communications Design & VCMT 1280 Communication Design and Typography
3. Steps in the printing process from design to finished piece. Costs involved with different methods and each step in the printing process.
4. Problem solving printing problems including problems with file preparation, and limitations of different printing materials and finishing methods.

N. Course Assignments:

Hands on individual lab experiences, case studies, field trips and demonstrations will be used to help students understand printing methods and materials. Students will produce a sample book of each of their projects, substrates and finishing methods.

1. Safety, orientation, project review, button making
2. Paper and substrates
3. Digital Toner based printing
4. Digital Inkjet printing

5. Digital Inkjet printing
6. Silk Screen printing, midterm
7. Offset Press Theory
8. Offset Printing Projects
9. Field Trip & Prepress
10. Bindery processes, estimating, samples of binding
11. Final Exam Assigned, Notebooks collected
12. Final Exam Due

O. Recommended Grading Scale:

NUMERIC	GRADE	POINTS	DEFINITION
93-100	A	4.00	Superior
90-92	A-	3.67	Superior
87-89	B+	3.33	Above Average
83-86	B	3.00	Above Average
80-82	B-	2.67	Above Average
77-79	C+	2.33	Average
73-76	C	2.00	Average
70-72	C-	1.67	Below Average
67-69	D+	1.33	Below Average
63-66	D	1.00	Below Average
60-62	D-	0.67	Poor
00-59	F	0.00	Failure

P. Grading and Testing Guidelines:

Click here to enter text.

Q. Examination Policy:

Click here to enter text.

R. Class Attendance and Homework Make-Up Policy:

Click here to enter text.

S. Classroom Expectations:

Click here to enter text.

T. College Procedures/Policies:

Important information regarding College Procedures and Policies can be found on the [syllabus supplement](https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf) located at <https://sharept.ncstatecollege.edu/committees/1/curriculum/SiteAssets/SitePages/Home/SYLLABUS%20SUPPLEMENT.pdf>

The information can also be found Choose an item.