

## GRA 3882 Intermediate Packaging Production

Thomas W. Reese Graphic Arts & Imaging Technology Program (GAIT)  
Appalachian State University  
Department of Technology and Environmental Design

Instructor: Mrs. Hope Carroll  
Class time: MW 2:00-3:50  
Classroom: Katherine Harper Hall, Room 127  
Office Hours: MW 11:00-2:00  
Office Location: 113 Katherine Harper Hall  
Phone: 262-7539  
Email: [carrollmh@appstate.edu](mailto:carrollmh@appstate.edu)  
Connect: [@mhcarroll](#)

**\*\*PLEASE NOTE:** Put GRA 3882 in the subject line of ALL emails to the instructor. Please include your name. The instructor will respond within 24-48 hours to all email inquiries. If you have not heard from the instructor after 48 hours please resend the email.

### Course Description

GRA 3882 | Intermediate Packaging Production (3) Fall Only

This course presents intermediate-level concepts of flexographic technologies and technical processes applicable to the flexographic industry. Students enrolled in this course will learn design techniques specific to flexography, printing calculations, job assembly, proofing, print evaluation, and multiple spot color techniques. This will be achieved through project-based assignments that allow students to select anilox roll, substrates, inks, dies, and other printing materials.

Lecture two hours, lab two hours.

Prerequisites: GRA 2222

### Course Objectives

Upon completion of this course, student will be able to:

1. Understand the terminology used in the packaging and flexography industry in order to communicate with peers and professionals in the packaging industry.
2. Understand the role of flexography in the world of printing and packaging.
3. Demonstrate multi-color spot and process printing on a flexography printing press.

4. Demonstrate technical and problem solving skills using equipment and software related to flexography.
5. Demonstrate the ability think critically and creatively to provide solutions to (real-world) problems encountered in lab activities.
6. Create effective layout and package design so that multi-color images may be reproduced using flexography.

## Evaluation and Grades

The grade for the course will be determined by the student's performance in each of the areas indicated below. All work is to be completed for a final passing grade to be assigned. All course work is to be completed consistent with the [Academic Integrity Policy](#) of Appalachian State University.

Project 1 – 3 Color Label	100 points
Project 2 – 4 Color Process Label	100 points
Project 3 – Envelope Project	100 points
Field Trip (TBD)	50 points
Midterm Exam	100 points
Final Exam	100 points
<b>TOTAL</b>	<b>(550)</b>

Grading:	A = 93 or above;	A- = 90 to 92.9;	B+ = 87 to 89.9;	B = 83 to 86.9;
	B- = 80 to 82.9;	C+ = 77 to 79.9;	C = 73 to 76.9;	C- = 70 to 72.9;
	D+ = 67 to 69.9;	D = 63 to 66.9;	D- = 60 to 62.9;	F = 59 & below

## Required Text (purchase)

Flexographic Technical Association, (2009). FIRST 4.1: Flexographic Image Reproduction Specifications and Tolerances. (\$49 Kindle)

## Recommended Supplies

- Funds available in Banner ID for printing
- Apron (suggested)
- Safety glasses (clear lenses; REQUIRED)

## Course Attendance and Participation Policies

If you expect to miss one or more class meetings because of participation in a University sponsored activity, the instructor should be notified in advance. You are responsible for the information given during the time of your absence.

Students will be responsible for lecture materials, discussions, and reading assignments. Attendance will be taken at each class meeting and points will be deducted from the final grade for excessive absences. Excused absences generally include participation in university activities (off campus); legitimate family emergencies and illness affecting your inability to attend class. **More than 2 unexcused absences will result in a one-letter grade reduction for each subsequent absence. Tardiness and/or leaving early will result in a deduction of the student's final grade based on frequency and time lost.**

If there are extenuating circumstances that should keep you from attending class and/or lab, it is your responsibility to notify the instructor so that the class work can be made up. The instructor will determine if an absence is excused.

### University Attendance Policies (5.5.1.1)

Please read through the university policy on attending class at [this link](#). Please be aware that a student who does not attend one of the first 2 class meetings may be dropped from the class. Students are required to attend the FIRST lab of the semester.

### Statement on Student Engagement with Courses

University Policy and Procedure Statement (4.1.2)  
Please read through the university policy on student engagement with courses at [this link](#).

### Damage Policy

Students are financially responsible for any Department of Technology and Environmental Design equipment that they damage, break or lose. The students will be financially responsible for the repair or replacement of those items. We strongly recommend purchasing a student insurance policy for covering yours and the school's equipment in the event of breakage or loss. The insurance company and link is at: <http://www.collegestudentinsurance.com>

Please be certain you know how to properly use a specific piece of equipment before doing so and only when a faculty member is present. If you are not familiar with the equipment, please ask a faculty member for guidance. Also please leave the GAIT labs in a cleaner and more organized condition than you found them.

### General Policies

- Make sure all cell phones are in silent or vibrate mode before the start of each lecture or lab.
- Help keep the lab area clean and orderly. Make sure all materials are put away after each lab.
- All GAIT lab activities, both computer and print processes, will be completed in and during scheduled labs. Use of GAIT equipment outside of the regular class schedule is prohibited unless approved by the instructor.
- All students are required to have a personal storage device (USB flash drive) or save your work in Google Drive.
- All students must provide a means (student ID card) for purchasing printing from the University's [Pharos System](#).
- Check your email account regularly for schedule changes due to weather or other related occurrences. Your email account with the University is considered an official line of communication between you and your instructor.
- GAIT Computer Labs and GAIT "hands-on" labs are open Monday thru Friday from 8:00-5:00p. This does not mean there is open lab time during these hours. Please check with the lab instructor before assuming the lab is open for "walk-in" use. GAIT labs are CLOSED on Saturdays, Sundays, and holidays.

## Safety

Your safety and the safety of those around you are important. Students are expected to know and follow safety guidelines at all times, and to make use of required personal protective equipment (PPE) when working in the lab. Safety violations can result in revocation of lab privileges. No equipment may be operated until you have received safety instruction and passed the required safety tests. You are required to wear **safety glasses and closed toe shoes** and will not be allowed to enter the lab without them.

## Academic Integrity Code

All members of the Appalachian State University community are responsible for promoting and adhering to an ethical learning environment. Please read through the University's policy on cheating and academic misconduct at [this link](#).

## Disability Services

[Read more](#) about how the University is committed to making accommodations for those students who need it. If you have special needs please communicate that with the instructor so that accommodations can be made for you.

## Things to Remember

1. The semester schedule will be posted on [ASULearn](#) and will be updated as soon as possible or as necessary throughout the semester with assignment details, print schedule, and due dates.
2. Not all course materials will be posted
3. The [ASULearn](#) website is NOT a contract, students are still responsible for taking notes, participating in their learning, and being present for the entire class.
4. Exam study sheets will be available along with in class time to ask questions pertaining to an upcoming exam.
5. The instructor reserves the right to make changes to the class schedule and assignments based on the needs of the class and/or weather related events.