

Graphics & Printing Technology – 10.0301

2026-2027

2 YEAR PROGRAM

MONDAY - FRIDAY

AM SESSION 8:30-10:45
PM SESSION 12:45 - 2:55

THE GRAPHICS AND PRINTING TECHNOLOGY COURSE: (aligned with CIP Code 10.0301)

- Teaches students how to make and distribute printed and digital media. Students learn design rules, color theory, and digital prepress work, alongside running digital, and screen printing presses to create real-world products.

CORE TOPICS:

- Design and Prepress: Computer graphics, typography, layout composition, and file preparation.
Press Operations: Digital printing, wide-format printing, and textile/screen printing.
Postpress and Finishing: Bindery operations, cutting, and quality control.

CAREER GOALS:

- Prepress or desktop publishing worker, Printing press and bindery operator, Commercial layout or advertising designer

STUDENT LEADERSHIP CTSO:

- SkillsUSA Leadership and Skills competition and conference Regional, State, and National

CREDENTIALS OFFERED:

- Michigan Virtual - Blood-borne Pathogens Certification
- Certiport - Graphic Design & Illustration Using Adobe Illustrator
- Certiport - Print & Digital Media Publication Using Adobe InDesign
- Certiport - Visual Design Using Adobe Photoshop
- American Screen Printing Association - ASPA Certified Screen Printer

POST SECONDARY CREDIT OPPORTUNITIES:

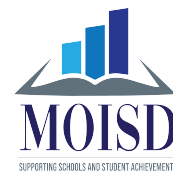
- College for Creative Studies Graphic & Printing Technology DFN 119 Digital Fundamentals
- College for Creative Studies Graphic & Printing Technology DFN 137 2D/3D Integrated Design
- Ferris State University Graphic & Printing Technology GCOM 131 Building Professional Digital Documents
- Macomb Community College Graphics and Printing Technology MACA 1040 - Intro to Digital Video
- Macomb Community College Graphics and Printing Technology MACA 1410 - Television / Visual Studio Production
- Mott Community College Graphics Communications DESN-100 Design Careers
- North Central Michigan College Graphic & Printing Technology ARTD 105 Introduction to Photoshop
- North Central Michigan College Graphic & Printing Technology ARTD 110 Introduction to Illustrator
- North Central Michigan College Graphic & Printing Technology ARTD 115 Introduction to InDesign
- Oakland Community College Graphics & Printing Technology GRD 110 Graphic Design
- Oakland Community College Graphics & Printing Technology GRD 1750 Computer Design
- Oakland Community College Graphics & Printing Technology GRD 1850 Digital Illustration
- Washtenaw Community College Graphic and Printing Techn. GDT 106 Illustrator Graphics
- Washtenaw Community College Graphic and Printing Techn. GDT 108 Photoshop Graphics

CTE WBL LEARNING OPPORTUNITIES:

- Guest speakers, tours, and Annual Career Fairs



GPT Syllabus



Graphics & Printing Technology – 10.0301

2026-2027

First Year Students
First Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Xacto Knife Safety Certification and Cutting Practice
- Binder Vinyl (*Single color, First and Last Name*)
- Name Place Card (*Drawer and Locker*)
- Operation of HP Cutter Set/up and safety

Career Readiness- 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Exceeding expectations of time management and project quality

Classwork/Homework - 10%

- Class Rules and Forms
- Student Interest Form
- Student Required Supplies
- MOISD Student Handbook Acknowledgment Internet Policy Enrollment Form
- Ruler Worksheet
- Chapter 1 Illustrator Classroom in a book
(*Getting to know the work area*)
- Chapter 2 Illustrator Classroom in a book
(*Techniques for selecting artwork*)

Test/Quiz - 10%

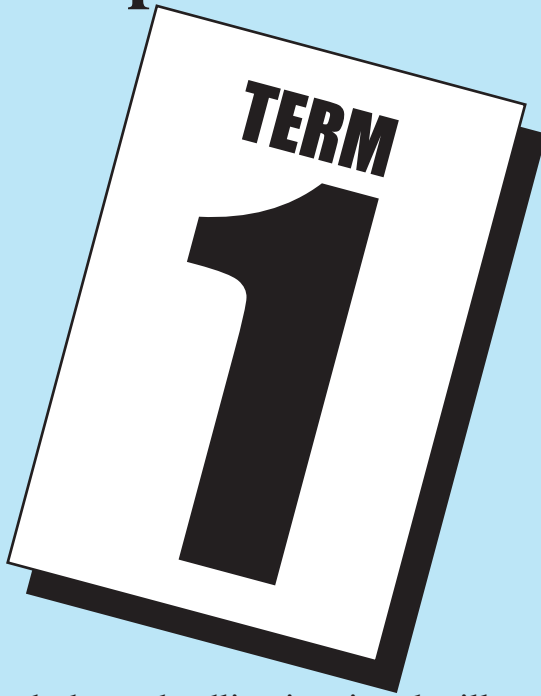
Written and performance exams will be given.

- Ruler Game
- Measuring Test
- Ruler Quiz
- Bloodborne pathogens (*Must have a minimum of 80% to complete course. Pass or Fail*)
- Graphic Communication THE PRINTED IMAGE (Chapter 2 Safety and Health)

Graphics & Printing Technology – 10.0301

2026-2027

Second Year Students
First Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Binder Vinyl (*Multi- color, First and Last Name*)
- Produce a drawer/locker tag design
- Produce a bindery project
- Produce a multi-color screen design workflow
- Production work and required based on job orders

Each day a deadline is missed will cost the student 10% of grade (*up to but NOT exceeding 3 days*). Equipment or supply issues and delays will be allowed for.

Career Readiness - 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Productivity - Stayed on task & used materials efficiently
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Demonstrate how to be a team member by making productive choices, managing time, persevering through challenges, and participating in the classroom activities.

Classwork/Homework - 10%

- Class Rules and Forms
- Student Interest Form
- Student Required Supplies
- MOISD Student Handbook Acknowledgment Internet Policy Enrollment Form
- Ruler Worksheet

Test/Quiz - 10%

Written and performance exams will be given.

- Ruler Game (*refresher*)
- Measuring Test • Ruler Quiz
- Graphic Communication THE PRINTED IMAGE (Chapter 2 Safety and Health)z
- Bloodborne pathogens (*Must have a minimum of 80% to complete course. Pass or Fail*)

Graphics & Printing Technology – 10.0301

2026-2027

First Year Students
Second Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Design Workflow (*Halloween Card*)
- Intro to Illustrator Pen Tool (*5 scary things*)
- Create 4 design workflows
(*Meme, Holiday, Retro, Your Choice*)
- Design Workflow (*Personal Logo*)
- Digitally Produce 25 Halloween cards
(*double sided, cut*)

Career Readiness- 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Exceeding expectations of time management and project quality

Classwork/Homework - 10%

- Chapter 3 Illustrator Classroom in a book
(*Using Shapes to Create Artwork for a PostCard*)
- Chapter 4 Illustrator Classroom in a book
(*Editing and Combining Shapes and Paths*)
- Chapter 5 Illustrator Classroom in a book
(*Transforming Artwork*)
- Chapter 6 Illustrator Classroom in a book
(*Using the Basic Drawing Tools*)
- Chapter 7 Illustrator Classroom in a book
(*Drawing with the Pen Tool*)

Test/Quiz - 10%

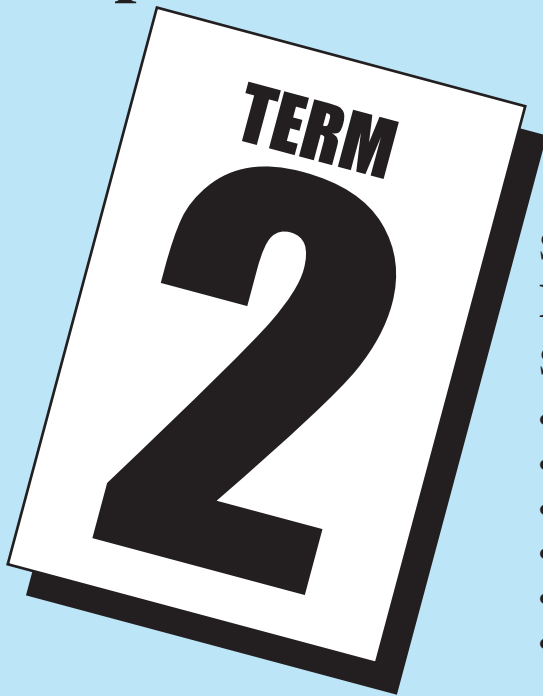
Written and performance exams will be given.

- Graphic Communication THE PRINTED IMAGE (Chapter 5 Design and Layout)

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2026-2027

Second Year Students
Second Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Produce a multi-color screen printing project
- Design Workflow (*Halloween Card double sided 5"x7"*)
- Digitally Produce 25 Halloween cards (*double sided, cut*)
- Design workflow for Personal Icon
- Shop Safety and Preparedness (Fire, Weather, Injury)
- Production work and required based on job orders

Each day a deadline is missed will cost the student 10% of grade (*up to but NOT exceeding 3 days*). Equipment or supply issues and delays will be allowed for.

Career Readiness - 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Productivity - Stayed on task & used materials efficiently
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Demonstrate how to be a team member by making productive choices, managing time, persevering through challenges, and participating in the classroom activities.

Classwork/Homework - 10%

- Five scary things
- Chapter 11 Illustrator Classroom in a book
(*Gradients, Blends, and Patterns*)
- Chapter 12 Illustrator Classroom in a book
(*Using Brushes to Create an AD*)
- Chapter 13 Illustrator Classroom in a book
(*Exploring Creative Uses of Effects and Graphic Styles*)

Test/Quiz - 10%

Written and performance exams will be given.

- Graphic Communication THE PRINTED IMAGE (Chapter 5 Design and Layout)
- Graphic Communication THE PRINTED IMAGE (Chapter 20 Screen Printing)

Graphics & Printing Technology – 10.0301

2026-2027

First Year Students
Third Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Digitize 1 of the four T-Shirt designs
- Setup screen printing project
(demonstrate first five steps in screen set-up)
- Steps 1-5 (1) Degrease (2) Coat (3) Burn (4) Tape
(5) Set-up Press
- Design Workflow *(Holiday Card)*
- Digitally Produce 40 Holiday cards
(double sided cut and scored)

Career Readiness- 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Exceeding expectations of time management and project quality

Classwork/Homework - 10%

- Chapter 8 Illustrator Classroom in a book
(Using Color to Enhance Artwork)
- Chapter 9 Illustrator Classroom in a book
(Adding Type to a Project)
- Chapter 10 Illustrator Classroom in a book
(Organizing your artwork with layers)

Test/Quiz - 10%

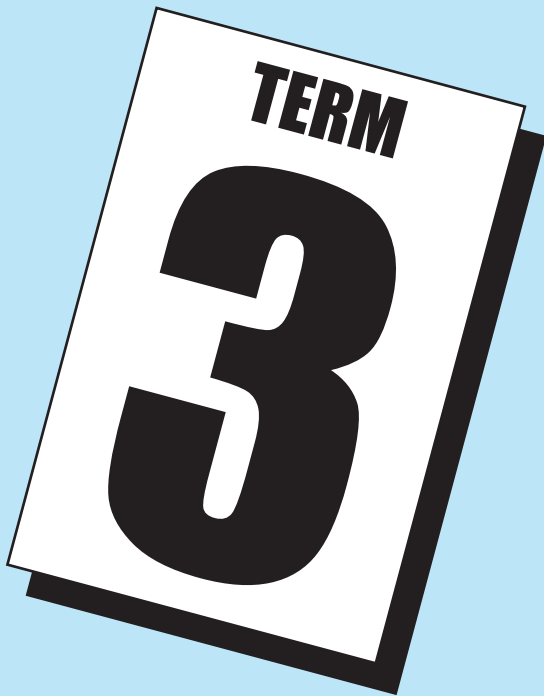
Written and performance exams will be given.

- Graphic Communication THE PRINTED IMAGE (Chapter 23 Screen Printing)

Graphics & Printing Technology – 10.0301

2026-2027

Second Year Students
Third Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Design Workflow (*Holiday Card*)
- Digitally Produce 40 Holiday cards
(*double sided cut and scored*)
- Digitize 1 of the four T-Shirt designs
- Setup screen printing project
(*demonstrate first five steps in screen set-up*)
- Steps 1-5 (1) Degrease (2) Coat (3) Burn (4) Tape
(5) Set-up Press
- Production work and required based on job orders

Each day a deadline is missed will cost the student 10% of grade (*up to but NOT exceeding 3 days*). Equipment or supply issues and delays will be allowed for.

Career Readiness - 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Productivity - Stayed on task & used materials efficiently
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Demonstrate how to be a team member by making productive choices, managing time, persevering through challenges, and participating in the classroom activities.

Classwork/Homework - 10%

- Chapter 14 Illustrator Classroom in a book
(*Creating Artwork for a T-Shirt*)
- Chapter 15 Illustrator Classroom in a book
(*Placing and Working with Images*)
- Chapter 16 Illustrator Classroom in a book
(*Sharing Projects*)

Test/Quiz - 10%

Written and performance exams will be given.

- Graphic Communication THE PRINTED IMAGE (Chapter 23 Screen Printing)
- Graphic Communication THE PRINTED IMAGE (Chapter 19 Lithographic Press System)

Graphics & Printing Technology – 10.0301

2026-2027

First Year Students
Fourth Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Produce Positive for screen
- Produce a screen printing project (Single Color)
- Create a Graphic Designed Resume
- Participate in Dress for Success
- Design Workflow - (Logo/Icon)
- Create a single color Cut Vinyl
- Create a Two color Cut Vinyl

Career Readiness- 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Exceeding expectations of time management and project quality

Classwork/Homework - 10%

- Chapter 1 Photoshop Classroom in a book
(*Getting to know the work area*)
- Chapter 2 Photoshop Classroom in a book
(*Basic Photo Corrections*)
- Chapter 3 Photoshop Classroom in a book
(*Working with Selections*)
- Chapter 4 Photoshop Classroom in a book
(*Layer Basics*)
- Chapter 5 Photoshop Classroom in a book
(*Quick Fixes*)

Test/Quiz - 10%

Written and performance exams will be given.

- Graphic Communication THE PRINTED IMAGE (*Chapter 9 color science*)

Graphics & Printing Technology – 10.0301

2026-2027

Second Year Students
Fourth Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Produce Marketing Wide Format Poster
- Design and print Resume
- Participate in Dress for Success
- Photoshop Best Side Photo
- Design Animal Mash-up
(4 animals, 1 animal + 1 Inanimate object)
- Participate in Dress for Success
- Production work and required based on job orders

Each day a deadline is missed will cost the student 10% of grade (*up to but NOT exceeding 3 days*)
Equipment or supply issues and delays will be allowed for.

Career Readiness - 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Productivity - Stayed on task & used materials efficiently
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Demonstrate how to be a team member by making productive choices, managing time, persevering through challenges, and participating in the classroom activities.

Classwork/Homework - 10%

- Chapter 10 Photoshop Classroom in a book
(*Painting with the Mixer brush*)
- Chapter 11 Photoshop Classroom in a book
(*Editing Video*)
- Chapter 12 Photoshop Classroom in a book
(*Working with Camera Raw*)
- Chapter 13 Photoshop Classroom in a book
(*Preparing Files for the Web*)
- Chapter 14 Photoshop Classroom in a book
(*Producing and Printing Consistent color*)
- Chapter 15 Photoshop Classroom in a book
(*Exploring Neural Filters*)

Test/Quiz - 10%

Written and performance exams will be given.

- Graphic Communication THE PRINTED IMAGE (*Chapter 8 Digital Image Capture*)

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2026-2027

First Year Students
Fifth Term

Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Produce a full color Print and Cut Vinyl
- Character Charictures (*Type portriat*)
- Dersign an April Fools Flyer
- Produce a Marketing Poster (*Epson wide format*)
- Animal Mashups Design
- Produce Sublimation Mug

Career Readiness- 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Exceeding expectations of time management and project quality

Classwork/Homework - 10%

- Chapter 7 Photoshop Classroom in a book
(*Typographic Design*)
- Chapter 8 Photoshop Classroom in a book
(*Vector Drawing Techniques*)
- Chapter 9 Photoshop Classroom in a book
(*Advance Compositing*)
- Chapter 10 Photoshop Classroom in a book
(*Painting with the Mixer brush*)

Test/Quiz - 10%

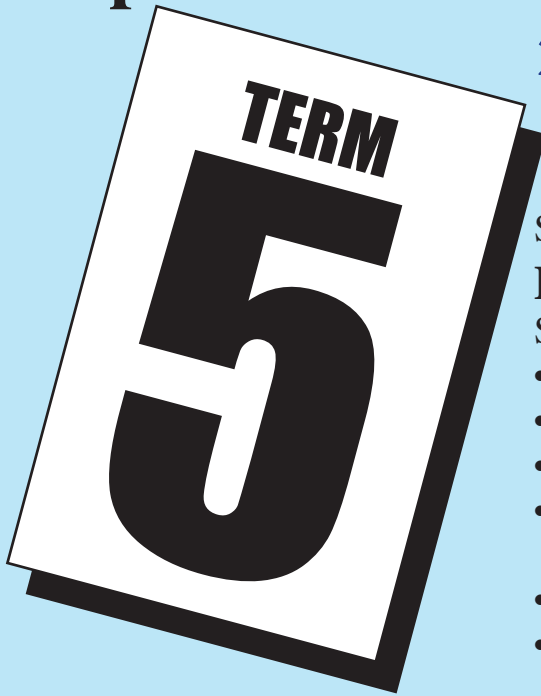
Written and performance exams will be given

- Non-Designer Design Handbook (*Catagories of Type*)

Graphics & Printing Technology – 10.0301

2026-2027

Second Year Students
Fifth Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Sublimate Animal Mash-up Mug
- Produce Full color Notepad (*Padded with hole drilled*)
- Create April Fools 8.5"x11" Flyer
- Design and Produce a Business Package
(*Business cards, Letterhead, No. 10 Envelope*)
- Produce a personal yearbook page
- Production work and required based on job orders

Each day a deadline is missed will cost the student 10% of grade (*up to but NOT exceeding 3 days*) Equipment or supply issues and delays will be allowed for.

Career Readiness - 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Productivity - Stayed on task & used materials efficiently
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Demonstrate how to be a team member by making productive choices, managing time, persevering through challenges, and participating in the classroom activities.

Classwork/Homework - 10%

- Chapter 1 InDesign Classroom in a book
(*Introducing the work space*)
- Chapter 2 InDesign Classroom in a book
(*Getting to know Indesign*)
- Chapter 3 InDesign Classroom in a book
(*Setting up a Document and Working with Pages*)
- Chapter 4 InDesign Classroom in a book
(*Working with Objects*)
- Chapter 5 InDesign Classroom in a book
(*Working with Color*)
- Chapter 6 InDesign Classroom in a book
(*Flowing Text*)
- Chapter 7 InDesign Classroom in a book
(*Editing Text*)
- Chapter 8 InDesign Classroom in a book
(*Working with Typography*)
- Chapter 9 InDesign Classroom in a book
(*Working with Styles*)
- Chapter 10 InDesign Classroom in a book
(*Creating Tables*)
- Chapter 11 InDesign Classroom in a book
(*Importing and Modifying Graphics*)
- Chapter 12 InDesign Classroom in a book
(*Working with Transparency*)

Graphics & Printing Technology – 10.0301

2026-2027

First Year Students
Sixth Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Produce a yearbook page
- Produce Coroplast Yard Sign (*Double sided*)
- Design and Produce 20 Graduation Postcards
- Best Side Photo Print (*Using Photoshop*)
- 4.25" x 5.5" Notepads (*With Hole Drill*)
- Business Package (*50 Business Cards, 25 Letterhead, 10 Envelopes*)
- Wide-Format Banner (*Finishing Tape Hemmed and Grommeted*)
- Design Workflow (*FINAL*)

Career Readiness- 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Exceeding expectations of time management and project quality

Classwork/Homework - 10%

- Chapter 1 InDesign Classroom in a book (*Introducing the Workspace*)
- Chapter 2 InDesign Classroom in a book (*Getting to know InDesign*)
- Chapter 3 InDesign Classroom in a book (*Setting up a Document and Working with pages*)
- Chapter 4 InDesign Classroom in a book (*Working with Objects*)
- Chapter 5 InDesign Classroom in a book (*Working with Colors*)
- Chapter 6 InDesign Classroom in a book (*Flowing Text*)
- Chapter 7 InDesign Classroom in a book (*Editing Text*)

Test/Quiz - 10%

Written and performance exams will be given

- Non-Designer Design Handbook (Contrast or Conflict)
- Non-Designer Design Handbook (Dos and Don'ts)

Graphics & Printing Technology – 10.0301

2026-2027

Second Year Students
Sixth Term



Students grade will also be determined by:

Projects - 50%

Students will be expected to :

- Character Caricature
- Produce double sided Yard sign
- Design and Produce Graduation Postcards
- Complete a Type Contrast Lesson
- Sublimation Flatwork Projects (*T-Shirt, Lanyard, Mouse Pad*)
- Production work and required based on job orders

Each day a deadline is missed will cost the student 10% of grade (*up to but NOT exceeding 3 days*)
Equipment or supply issues and delays will be allowed for.

Career Readiness - 30%

- Personal Management - Attendance, calling when absent, not leaving early, tardy
- Productivity - Stayed on task & used materials efficiently
- Problem Solving - Working with others, resolving conflicts, solving problems
- Teamwork - Demonstrate how to be a team member by making productive choices, managing time, persevering through challenges, and participating in the classroom activities.

Classwork/Homework - 10%

- Chapter 13 InDesign Classroom in a book
(*Printing and Exporting*)
- Chapter 14 InDesign Classroom in a book
(*Creating Adobe PDF Files with Form Fields*)
- Chapter 15 InDesign Classroom in a book
(*Creating a fixed-layout EPUB*)

Test/Quiz - 10%

Written and performance exams will be given.

- Graphic Communication THE PRINTED IMAGE (*Chapter 25 Graphic Communications Careers*)