

COLLEGE: Montgomery College

HIGH SCHOOLS: Thomas Edison High School of Technology

CLUSTER: Arts, Humanities, Media, and Communication

MCPS PROGRAM: Print Technologies and Digital Graphics (PrintEd)

MC PROGRAM: Printing Management, A.A.S.

Students learn a wide variety of design, media, and graphic communications skills that provide a foundation for employment in all aspects of the graphics communications and media industries. Conventional and electronic design, layout, composition activities, and production techniques are included in the instructional program. Students use the latest in digital imagery, design, and production with computer technology, including advanced photo editing, and multimedia, and Web design software.

STUDENT ENTRY POINTS

| GRADE | ENGLISH | MATH | SCIENCE | SOCIAL STUDIES | REQUIRED COURSES | | | | |
|---|--|--|-----------------------------|-----------------|---|---|---|---|---|
| | | | | | RECOMMENDED ELECTIVE COURSES | | OTHER ELECTIVE COURSES | | |
| CAREER AND TECHNICAL EDUCATION COURSES | | | | | | | | | |
| SECONDARY | 9 | English | Algebra I Geometry | Matter & Energy | U.S. History | Foreign Language | Physical Education | Foundations of Technology | |
| | Software Applications by Design A/B and Website Development are highly recommended courses. | | | | | | | | |
| | 10 | English | Geometry Algebra 2 | Biology | NSL | Foreign Language | Health (.5) Elective (.5) | Fine Arts | Software Applications by Design A/B* |
| | 11 | English | Algebra 2 Precalculus | Chemistry | World History | ♦ Introduction to Graphics Communications 1A/B (TP) | | Printing Graphics & Electronic Media Internship | College Production Management |
| | An internship in graphics and electronic media industry is required. | | | | | | | | |
| 12 | English | Precalculus Calculus | Science Elective Physics | | Guided Research-Arts, Humanities, Media & Communications (AHMC) A/B | Web Site Development | Choose one: ♦ Introduction to Graphics Communications 2A/B (TP)** Internship-AHMC | | |
| Articulate up to 10 credits with a grade of B or better for a tuition savings of \$1364 at Montgomery College. | | | | | | | | | |
| POSTSECONDARY | Year 1 1st Semester | EN 101 Techniques of Reading & Writing 1 | Mathematics Foundation | | | Health Foundation | ♦ PR 171 Introduction to Desktop Publishing | PR 131 Photoshop Digital Production for Printing & Publishing I | |
| | Year 1 2nd Semester | English Foundation | | | | PR 130 Introduction to QuarkXPress | MG 101 Principles of Management | ♦ PR 116 Principles of Offset Presses I | Arts or Humanities Distribution |
| | Year 2 1st Semester | ***Elective | | | | MG 102 Principles of Supervision | PR 212 Planning & Estimation | PR 115 Intro to Bindery & Finishing | PR 232 Photoshop Digital Production for Printing & Publishing |
| | Year 2 2nd Semester | Speech Foundation | | | Behavioral & Social Sciences Distribution | PR Elective or Natural Sciences Distribution with Lab | or PR 216 Principles of Offset Presses II | or PR 281 Printing Internship | PR 221 Production Management |

*Technology Education Credit for Class of 2010 and 2011

** Advanced Technology Education Credit for class of 2010 and 2011.

***See MC Course Catalog for elective choices



This MCPS CTE program is approved by the Maryland State Department of Education for graduates in 2012.

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| Required Courses |
| Recommended Elective Courses |
| Career and Technical Education Courses |
| Credit-Based Transition Programs (e.g. Dual/Concurrent Enrollment, Articulated Courses, 2+2+2) |
| (♦=High School to Com. College)(●=Com. College to 4-Yr Institution)(■=Opportunity to test out) |



Arts, Humanities, Media, and Communication

2009–2010

| Print Technologies and Digital Graphics (PrintED) (OASIS Code = PG) CIP 48.0201.4 | | | |
|--|-----------|--|--------|
| Requirements for Program Completion (1 credit A) + (2 Credits B) + (1 credit C) | | | |
| Code | Course # | Course Title | Credit |
| A | 5118 (92) | Introduction to Graphic Communications 1A | 1.5 |
| | 5119 (92) | Introduction to Graphic Communications 1B | 1.5 |
| B | 5121 (92) | Introduction to Graphic Communications 2A | 1.5 |
| | 5122 (92) | Introduction to Graphic Communications 2B | 1.5 |
| C | 5717 (92) | Printing, Graphics, and Electronic Media Internship (Unlimited Repeats) | .5 |
| | TBD | College – Arts, Humanities, Media, and Communication | 1.0 |
| | 5310/5311 | Guided Research – Arts, Humanities, Media and Communications A/B | 1.0 |

Articulation Agreements with Montgomery College (MC)

Students can articulate up to **10** credits at Montgomery College for a savings of **\$1,364** (including fees).

This program is a Maryland State Department of Education-approved career pathway for incoming ninth graders who will graduate in 2013.

For more information go to:

<http://www.montgomeryschoolsmd.org/departments/cte/toolkit/ClusterInfo/ArtsHumanities/index.shtm>