
What's New

New College-wide Summer Hours for the Office of Admissions and Records, Student Financial Aid and Counseling and Advising

The College-wide Office of Admissions and Records, Student Financial Aid and Counseling and Advising have new summer office hours. These new hours will be in effect from May 19, 2008-August 1, 2008.

The offices will be open from Monday, May 19th through Friday, August 1st (except the week of July 7-11, 2008*): Monday-Friday 8:30am-5:00pm

For your convenience, campus evening hours, (5:00pm-7:00pm), are available as follows:
Germantown: Monday and Wednesday

Rockville: Tuesday and Thursday

Takoma Park/Silver Spring: Tuesday and Wednesday

*During the first week of Summer Session II classes, (the week of July 7-11), the College-wide office hours are:

Monday through Thursday 8:30am-7:00pm and Friday 8:30am-5:00pm

Admissions and Records, Student Financial Aid and Counseling and Advising Offices will also be open on Saturday, August 23rd from 9:00am-1:00pm.

New Courses Effective Spring 2008

2 New Biology Courses

BI 230 MOLECULAR CELL BIOLOGY 4 semester hours BI-Biological Sciences

Course Description: A detailed study of the molecular structure and function of the eukaryotic cell including cell ultrastructure, molecular genetic mechanisms and techniques, structure of chromosomes and genes and transcriptional as well as posttranscriptional control of gene expression, structure of biomembranes and movement of molecules into and through cellular membranes, cell signaling mechanisms, cytoskeleton systems and cellular movement, interactions, division, lineage and death of cells, molecular cell biology of development, of nerve cells, of immunology and of cancer. **PREREQUISITE:** BI 107. Four hours of chemistry recommended but not required. Three hours lecture, three hours laboratory each week.

BI 230L MOLECULAR CELL BIOLOGY No Credit BI-Biological Sciences

Course Description: Laboratory component of BI 230.

2 New Honors Courses

HP 251KA IND STUDY: ADV CREAT WRIT/FICT 3 semester hours

HP-Honors Program

Course Description: This tutorial emphasizes independent study in areas not listed among the credit courses in the humanities. Appropriate faculty tutor individual students in specific studies: e.g., philosophy, the problem of knowledge; literature, a comparative study of literary utopias; art, a project in oil painting; and language, Schiller and Goethe. Students may repeat this course provided that each time it is taken, a different topic is covered. **PREREQUISITES:** Completion of at least 12 college credits, a 3.2 grade point average or higher, and a grade of A or B in EN 101 or EN 101A.

HP 275PG INTERNSHIP: HOLOCAUST MUSEUM 3 semester hours

HP-Honors Program

Course Description: Working with professionals in one of the Smithsonian museums, the Library of Congress, or a similar organization, students will participate in research projects, help develop exhibits, help prepare educational units, or work with staff on other projects. Interns are expected to be on site 15 to 20 hours per week for 15 weeks and to keep weekly journals. Interns will also attend monthly seminars at Montgomery College and meet regularly with the Paul Peck Humanities Institute internship coordinator. Letter designators in the Credit Class Schedule will indicate the specific location of the internship. **PREREQUISITES:** Open to students who have completed 15 credit hours, have earned an overall GPA of 3.5 or higher, have completed EN 101/101A and EN 102 or EN 109 with a grade of B or higher, and are full-time students matriculated in a degree program. Consent of the Humanities Institute internship coordinator is required.

1 New Applied Geography Course

GE 204 INTERNATIONAL MIGRATION 3 semester hours

GE-Applied Geography

Course Description: Examines current topics in international migration involving the various regions of the world. Topics will include history of migrations, economic and educational migration, globalization's effect on migrants, refugees, and specific areas of intense migration, among others. The course will examine how cultures and policies throughout the world affect immigration and how the global economy is affecting migration patterns among countries. **PREREQUISITE:** EN 101/101A and one of the following: AN, EC, GE, HS, PS, or SO or consent of department. Three hours lecture each week.

1 New Management Course

MG 288 DISASTER RECOVERY-RISK MGMT 3 semester hours

MG-Management

Course Description: Provides individuals with the skills to plan for and recover from both natural and man-made disasters. Students examine risk and crisis management; the need for business continuity and information assurance planning; and the leadership, human, organizational and public policy components of disasters. The final project is a disaster recovery management plan. Assessment levels: EN 101/101A, MA 101/103, RD 120. Three hours each week.

New Stand Alone Certificate

Effective Spring 2008

Ethnic Social Studies Certificate: 241

New: Effective Semester - Spring 2008

Emphasizes interdisciplinary knowledge about the role of ethnicity in its national and global contexts. The curriculum provides students with the tools to critically analyze: the history and politics of race and ethnicity within US society; the formation of cultural knowledge; and the study of power, community and social justice from an inter-ethnic perspective.

Required courses

AN 101 - Introduction to Social and Cultural Anthropology

HS 136 - Civil Rights in America

SO 208 - Race and Ethnic Relations

Electives: Select three from the following courses from two separate disciplines:

HS 129 - The History of African Americans to 1865

HS 130 - The History of African Americans since 1865

HS 137 - History of Asian Americans

HS 138 - History of Latinos in the United States

PS 210 - Race and Ethnicity US Politics

PS 250 - Introduction to International Conflict Resolution

SO 240 - Globalization Issues

New Courses

Effective Summer 2008

1 New Biology Course

BI 130 THE HUMAN BODY 3 semester hours BI-Biological Sciences

Course Description: Introduces the structure and function of human body systems. Topics include basic chemistry, cell structure and function, tissues, organ systems (e.g. digestive, circulatory, reproductive systems) and associated common diseases and illnesses. This course is not for majors in biology of allied health. (NSND) Assessment levels: EN 101/101A, MA 100/101/103, RD 120. Three hours each week.

5 New Networking Courses

NW 245 HARDENING THE INFRASTRUCTURE 3 semester hours NW-Network and Wireless Tech

Course Description: Provides network administrators with an awareness of security-related issues and the essential skills they need to implement security in a given network. This course deals directly with protective security technologies in today's environments - transmission control protocol (TCP) packet analysis, operating systems (OS) hardening, router security, firewalls systems, intrusion detective systems, virus protection, virtual private networks (VPN), and disaster recovery. (G only) CE **PREREQUISITE:** NW 173 or consent of department. Three hours each week.

What's New (cont.)

NW 246 NETWORK DEFENSE AND COUNTER-M 3 semester hours
NW-Network and Wireless Tech

Course Description: Focuses on understanding the architecture for network defense and helps prepare students for the Security Certified Network Professional Certification examination. Topics include network attacks and defenses, firewall systems, design and configuration, virtual private network (VPN) configuration, designing and configuring intrusion detection systems, intrusion signatures, and network security policies and configurations. (G only) (CE) PREREQUISITE: NW 173 or consent of department. Three hours each week.

NW 261 MANAGING NETWORK SECURITY I 4 semester hours NW-Network and Wireless Tech

Course Description: Focuses on the overall security processes in a network with particular emphasis on skills in the following areas: 1) Security policy design and management; 2) Security technologies, products and solutions; 3) Firewall and secure router design, installation, configuration, and maintenance; 4) AAA implementation using routers and firewalls; and 5) Securing the network at both layer 2 and 3 of the OSI model. This course and NW 262 - Managing Network Security II, help prepare students to sit for the Securing Networks with Cisco Routers and Switches (SNRS) and Securing Networks with PIX and ASA (SNPA) Security Certification exams. These are two of the five exams that count towards the Cisco Certified Security Professional (CCSP) certification. In addition, Cisco Network Academy students who pass these exams will be able to apply for Cisco Firewall/ASA Specialist status. (G only) (CE) PREREQUISITE: NW 254 or CCNA Certification or consent of department. Four hours each week.

NW 262 MANAGING NETWORK SECURITY II 4 semester hours
NW-Network and Wireless Tech

Course Description: Designed for students interested in securing the network infrastructure. The Managing Network Security II course focuses on the overall security processes in a network with particular emphasis on skills in the following areas: 1) firewall and secure router design, installation, configuration, and maintenance; 2) Intrusion Prevention (IPS) implementation using routers and firewalls; and 3) VPN implementation using routers and firewalls. This course stresses documentation, design, and installation issues, as well as laboratory safety, on-the-job safety, and working effectively in group environments. This course and NW 261 - Managing Network Security I, help prepare students to sit for the Securing Networks with Cisco Routers and Switches (SNRS) and Securing Networks with PIX and ASA (SNPA) Security Certification exams. These are two of the five exams that count towards the Cisco Certified Security Professional (CCSP) certification. In addition, Cisco Firewall/ASA Specialist status. (G only) (CE) PREREQUISITE: NW 254 or CCNA Certification or equivalent knowledge and consent of department. Four hours each week.

NW 270 INFORMATION SECURITY CAPSTONE 3 semester hours
NW-Network and Wireless Tech

Course Description: Provides a review of methods for identifying network vulnerabilities, implementing network defense and exploring network forensics. Students have opportunities to implement a layered defense on a practical network, including using tools to analyze the vulnerabilities of a network. Additionally, students will research products that could serve as countermeasures against potential attacks, implement security features of the network's operating systems and develop alternate solutions based upon cost and level of security required. The course also provides students with the practice skills necessary to enhance their network security background and prepare for Professional Security Certification(s). (G only) (CE) PREREQUISITE: NW 246 or consent of department. Three hours each week.

Course Revisions

Deletion Effective Spring 2008

CS 206CA - Managing Network Security

Course Title Change - Effective Spring 2008

EN 122 – New Title: Introduction to World Mythology
Old Title: Mythology: the Secret Language

Pre-Requisite Change – Effective Spring 2008

TR 258 - Electronic Field Production

PREREQUISITES: A grade of C or better in TR 101 and TR 130. The pre-requisite of TR 101 is an addition to the old pre-requisite.

Extended Learning Services

Did you know that Montgomery College can offer credit classes at your worksite? If you or your employer have specific course interests, please contact Dorothy Umans 240-567-7870, dorothy.umans@montgomerycollege.edu. Partners who participate in the business and industry agreement program may be charged in-County rates regardless of where their employees live. It's a great deal for high quality and convenient educational options.

OPTIONS for Adults at MC

Balancing multiple responsibilities -work, family, and school? Never enough time to do it all? Didn't take a direct path from high school to college? Been in and out of college or never started? Returning for new certificates, retraining, even after you completed a degree?

OPTIONS is a new program that links adult students with people who deal with adult students and their programs and initiatives at MC. Whether you're looking for flexibility in scheduling, to meet others who have similar circumstances, or just want to efficiently navigate MC, we have the people, programs, and offices available to guide you in the right direction. OPTIONS provides a support system to help you have the educational experience you need to achieve your goals. Join OPTIONS and let us hear from you so that we can help address the concerns and needs of the adult student here at MC.

To find out more about your OPTIONS call 240-567-6950 or email us at options@montgomerycollege.edu.

Watch MyMC for our upcoming website which will provide a direct link to information and people who can tell you your OPTIONS.

Summer 2008 Bridge to College Life I and II

Takoma Park/Silver Spring Campus

Get a jump on college preparedness and get ready for courses in your major in the Takoma Park/Silver Spring **SUMMER 2008 BRIDGE PROGRAM**. This mid-summer learning community of Composition and Study Skills will unlock the mystery of college success for you, through a focus on reading, writing, and the study of your own life – your academic habits, challenges, and hidden strengths. Six activity-filled weeks, Monday-Thursday mornings, June 16-July 24, 2008. Scholarships are available. For students at two levels:

- **Summer Bridge to College Life I: EN001/DS107.** Register for EN001 #16173 and DS107 #15350. M/W 9:00am-11:40am; T/R 9:00am-1:05pm; 6/16-7/24/2008. For students at the EN001 assessment level.
- **Summer Bridge to College Life II: EN002/DS107.** Register for EN002 #14593 and DS107 #15350. M/W 9:00am-11:40am; T/R 9:00am-1:05pm; 6/16-7/24/2008. For students at the EN002 assessment level.

Contact Mike Leger at michael.leger@montgomerycollege.edu, 240-567-1478.

NEW! Montgomery College ALERT Service!

To receive text message or e-mail alerts in the event of an emergency situation at Montgomery College, sign up for the Montgomery College ALERT service via the Montgomery County government Website.

To register, go to <http://alert.montgomerycountymd.gov/>, and then click on "New User" in the left-hand column of the site. Enter your name, e-mail address and cell phone number online. Select the Montgomery College ALERT option. Please note that while signing up for Montgomery College ALERT is free of charge, your wireless carrier may charge you a fee to receive text messages.

For more information on Montgomery College ALERT, visit <http://www.montgomerycollege.edu/emergency>.