



@WHSDualEnroll

Google Classroom Code: **qdlN9iy**

Dual Enrollment Spring 2019

-----This list is subject to change-----

Spring Semester 2019

CLASSES ARE HELD AT USG Or At Any Montgomery College Campus & Online

Course	Credits	Day	Periods	CRN #	Times
Introduction to Marketing (MGMT 211)	3	MWF @USG	2-3	33534	9:05 – 10:00
Introduction to Communication (COMM 108)	3	MWF @USG	2-3	35436	9:05 – 10:00
Introduction to Sociology (SOCY 100)	3	MWF @USG	2-3	33536	9:05 – 10:05
Differential Equations (MATH 282)	3	MWF @USG	2-3	35437	9:05 – 10:05
All MATH Courses Will be held on MC's Campus or online	3/4 Depending on course	TBA	TBA/Online	MC's Website	View MC's Website
Accounting I (ACCT 221) Pending enrolment; course can be offered at USG	4	TBA	TBA/Online	MC's Website	View MC's Website
Computer Science Courses Will be held on MC's Campus or online	3/4 Depending on course	TBA	TBA/Online	MC's Website	View MC's Website
Psychology Courses Pending enrolment; course can be offered at USG	3	TBA	TBA	MC's Website	View MC's Website
ALL Biology/Engineering Courses Will be held on MC's Campus or online	3/4	TBA	TBA/Online	MC's Website	View MC's Website
ALL Art/Music/Foreign Languages/ TV & Mechanical Courses Will be held on MC's Campus or online	3/4	TBA	TBA/Online	MC's Website	View MC's Website

- > Classes will run depending on the availability of faculty & must meet minimum size requirements (15 students). Class that are listed "TBA" will also be held at Montgomery College; or online. Students keep in mind all subjects are open to take at MC; not just the one's listed. "ASK ME"
- > If your course is at USG (periods 2 & 3), you can still take a period class 1 at Wootton, OR you can have "travel" period 1 if your schedule allows.
- > If your course is at Rockville Campus or online, you can still have classes all day here at Wootton.
- > For a list of more course offerings not list above please visit <http://cms.montgomerycollege.edu/EDU/tertiary2.aspx?urlid=9> & search for your course interest.

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Montgomery College Course Descriptions

Courses subject to availability of faculty and must meet minimum class size requirements (15 students)

INTRODUCTION TO MARKETING MGMT 211

Course Description: A survey of the global marketing environment in terms of both business and consumer goods and services. Buying behavior and targeting markets are emphasized. The marketing mix, including product, promotion, price, and distribution, is featured through the use of experiential marketing applications.

Spring Only semester at USG; or Montgomery College or Online
3 credit hours

INTRODUCTION TO HUMAN COMMUNICATION COMM 108

Course Description: A survey course that covers communication theory and develops communication skills for personal and professional relationships in interpersonal, group, and public settings. Course content includes practice in the application of the principles of listening, verbal and nonverbal communication, group dynamics, and public speaking.

COMM108 fulfills the MC **Speech Foundation requirement**. It is equivalent to COMM 100 (Foundations of Oral Communication) at UMCP.

Fall & Spring semesters at USG
3 credit hours

INTRODUCTION TO SOCIOLOGY SOCY 100

Course Description: An exploration of fundamental sociological concepts, methods, and theories used to interpret the patterns of human society. Emphasis is placed on the connection between theory and practice in examining social interaction, cultural diversity, social structure, and global issues.

SOCY 100 satisfies three credit hours of the MC **Behavioral and Social Sciences Distribution requirement**. At UMCP this course is equivalent to a lower level elective in the Social Science area.

Course offered at USG; or Montgomery College or Online
3 credit hours

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**DIFFERENTIAL EQUATIONS
MATH 282**

Course Description: First order differential equations; higher order linear differential equations and systems of linear equations; solution by power series and numerical methods; the Laplace transform and some applications.

PREREQUISITE: Cal BC & AP Score of 4 or 5

Course offered at USG; or Montgomery College or Online
3 credit hours

**Multivariable Calculus CE-R
MATH 280**

Course Description: Calculus of vector functions; analytic geometry of space; partial differentiation; multiple integrals; classical theorems of Green, Gauss, and Stokes.

PREREQUISITE: A grade of C or better in MATH 182 or equivalent, or consent of department.

Fall/Spring semesters at Montgomery College or Online
4 credit hours

**LINEAR ALGEBRA
MATH 284**

Course Description: Basic concepts of linear algebra including vector spaces, linear equations and matrices, determinants, linear transformations, similar matrices, eigenvalues, and quadratic forms.

PREREQUISITE: A grade of C or better in MATH 182 or consent of department.

Fall/Spring semesters at Montgomery College or Online
4 credit hours

**Accounting I
ACCT 221**

Course Description: An introduction to the principles and procedures related to accounting theory and practice from the perspective of users of financial information. Topics include the accounting cycle, the preparation and analysis of financial statements, and accounting information.

PREREQUISITE: Two units of high school mathematics or appropriate score on the College's assessment test. Assessment levels: ENGL 101/101A, MATH 093/096, READ 120

Fall/Spring semesters USG; Montgomery College or Online
4 credit hours

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**UNIX/LINUX OPERATING SYSTEM
CMSC 253**

Course Description: Presents an overview of the components, structure, system architecture, user administration, process management, software installation and management, hierarchy, creation, management of file systems, device configuration and management as well as networking fundamentals and features of the UNIX operating system. Students experience hands-on operation of the interrelating UNIX operating system components. Projects of moderate difficulty reinforce concepts.

PREREQUISITE: Completion of Computer Programming 1, A/B with a grade of B or better, or CS 140 with a grade of C or better.

This course transfers to UMCP as a lower level elective.

Fall/Spring semesters at Montgomery College or Online
3 credit hours

**COMPUTER SECURITY
CMSC 260**

Course Description: Surveys major topics in assessment and development of security procedures for a variety of computer systems. The course emphasizes security needs, risk assessment, and practical measures for security management. Topics include Internet and Web security, LAN security, protection for personal computers, physical security, hardware and software protection and products, virus countermeasures, and the human aspects of computer security.

PREREQUISITE: CMSC 110 or consent of department.

Engineer, Phys, & Comp Sci, RV Department, Upper Level Requirement

Fall/Spring semesters at Montgomery College or Online
3 credit hours

**DISCRETE STRUCTURES
CMSC 207**

Course Description: An introduction to discrete structures as they relate to computer science. The course will stress computer science applications and will include relations, functions and algorithms, Naive Set Theory, combinatorics, logic, and mathematical induction.

PREREQUISITE: ENGL 101/101A or appropriate score on English assessment test, and MATH 182.

Engineer, Phys, & Comp Sci, RV Department, Upper Level Requirement

Fall/Spring semesters at Montgomery College or Online
4 credit hours

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**VISUAL PROGRAMMING
CMSC 222**

Course Description: Concerns with writing programs for the Windows programming environment, including developing an application, tools, forms, the user interface, programming, built-in functions, procedures, arrays, records, testing, and debugging. Emphasis is on rapid development of useful applications.

PREREQUISITE: A grade of C or better in CMSC 140 or consent of department.

Engineer, Phys, & Comp Sci, RV Department, Upper Level Requirement

**Fall/Spring semesters at Montgomery College or Online
3 credit hours**

**SYSTEMS ANALYSIS & DESIGN
CMSC 243**

Course Description: Exploration of the nature of systems work including studies, analysis, design, implementation, and evaluation. Introduction to the tools used in and techniques applied to systems development. A practical approach is emphasized and a systems study is expected of each student.

PREREQUISITE: CMSC 110 or consent of department.

Engineer, Phys, & Comp Sci, RV Department, Upper Level Requirement

**Fall/Spring semesters at Montgomery College or Online
3 credit hours**

INTRODUCTION TO ABNORMAL PSYCHOLOGY (AP PSYC score of 4 or higher)

PSYCH 221 (course will only be run at USG if there's 12 or more qualified students/otherwise this course will be held either at Montgomery College or online)

PSYCH221

Course Description: Provides an introduction to and understanding of behavior disorders and insight into the personality of the disturbed person. Symptoms, contributing factors, treatment, diagnosis, and classification of the mentally ill and the mental defective, as well as the maladjusted person, will be studied. Roles of various members of the mental health team in the prevention, analysis, and rehabilitation of disturbed individuals will be discussed.

PREREQUISITE: A grade of C or better in PSYCH 102, or 4 or 5 on the AP Psychology exam.

PSYCH221 satisfies three credit hours of the MC **Behavioral and Social Sciences Distribution Requirement** and is equivalent to PSYC 353 at UMCP.

**Fall Only semester at USG; or Montgomery College or Online
3 credit hours**

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SOCIAL PSYCHOLOGY (AP PSYC score of 4 or higher)

PSYCH 211 (course will only be run at USG if there's 12 or more qualified students/otherwise this course will be held either at Montgomery College or online)

PSYCH 211

Course Description: This course is an introduction to the field of social psychology, emphasizing the experimental and the experiential approach. Topics include group structures and processes, changing of attitudes (including prejudice), communication, persuasion, leadership interpersonal relationships and social influence.

PREREQUISITE: A grade of C or better in PSYCH 102, or 4 or 5 on the AP Psychology exam.

PSYCH 211 satisfies three credit hours of the MC **Behavioral and Social Sciences Distribution Requirement** and is equivalent to UMCP psychology courses.

Fall Only semester at USG; or Montgomery College or Online

3 credit hours