

# Get Ahead in Life➤

**Get a better job. Earn a promotion.  
Boost your pay. Sharpen your personal image.**

The Laurel College Center (LCC) can help in all these ways with seven colleges offering 14 degrees and hundreds of noncredit, continuing education courses! The LCC features convenient day, evening and weekend classes, small class size, and friendly, personal attention.

### **Work on your degree!**

Earn associate's degrees in Business Administration, Criminal Justice, Early Childhood Education, Elementary Education/Special Education, or General Studies right in downtown Laurel through the founding partners Howard Community College and Prince George's Community College.

As a Maryland Regional Higher Education Center, you also can earn a bachelor's or post-graduate degree at the LCC through partnerships with College of Notre Dame of Maryland, Morgan State University, Towson University, University of Maryland College Park, and University of Maryland University College.

### **Sharpen those job skills!**

Noncredit classes can give you the edge in cold calling, supervisory skills, accounting, home office tips, word processing, spread sheets, presentations, Web design, anger management, foreign languages, and dozens of other topics. Classes are ongoing.

### **Take the first step today!**

Check out the following pages of this publication for the schedule of all HCC's credit courses offered at the LCC this summer.

Visit [www.laurelcollegecenter.org](http://www.laurelcollegecenter.org) for information on all the courses and programs to help you get ahead - credit or noncredit, day and night, weekdays and weekend.





The Laurel College Center (LCC) is a unique joint effort between Howard Community College (HCC) and Prince George's Community College (PGCC).

Located in downtown Laurel near the Laurel Shopping Center and Laurel Center Mall, the LCC seeks to make higher education accessible to anyone over the age of 16 who lives or works in the Laurel area, especially those whose home residence is in either Prince George's County or Howard County. However, anyone can take classes at the LCC, whether you have never taken a college class before, already have a college degree, want to pursue a degree program or just take a course or two for fun, regardless of where you live.

At the LCC, you can take individual courses, credit and noncredit, or you can earn an associate's degree in business administration, early childhood education, general studies, elementary education/special education or criminal justice.

The following pages list the HCC credit classes offered at the LCC in summer 2010. Workforce development and continuing education programs, which are published in a separate schedule, are also offered to help you upgrade your job skills in a variety of areas including computers, finance and management. Others are offered simply for your enjoyment and additional programs are available to assist businesses in training employees.

#### **Important Dates for Summer 2010**

**Registration:** April 12 through the first day of class for each term

Memorial Day (college closed): May 31

**HCC Summer 1 term:** June 1 - July 2

**HCC Summer 1 Extended term:** June 1 - July 27

**HCC Summer 2 term:** June 14 - August 9

Independence Day (college closed): July 3 - 5

**HCC Summer 3 term:** July 6 - August 9

*Note: Some classes have starting and ending times that vary from the summer term dates above. See the class schedule for dates of specific classes.*

#### **Getting Started-Admissions Procedures**

New students should complete an application for admission to HCC and submit it to the LCC or to the college's main campus. A \$25 application fee must be submitted with the application. You may obtain an application from the Web site, [www.howardcc.edu](http://www.howardcc.edu), from the LCC or from the HCC campus. You may also call 1-866-228-6110 to have one mailed to you.

Advisers come to the LCC and can meet with you to discuss your interests, provide career information and assist you with course planning and selection. They can also tell you about other services such as placement testing, financial aid and support for students with disabilities. See page 25 for a list of services and contact information.

## Registration for Classes

You may register in person at the LCC or on the HCC campus. Returning students may also be eligible to register by telephone, 410-715-3800, or through HCC Express, the college's online registration system. See "Step 4: Register for Classes" in this publication.

Registration for summer continues through first day of classes. Students are encouraged to register early, since courses are filled on a first-come, first-served basis.

### Tuition/Fees

Tuition is calculated according to the number of credits taken. The charge for tuition differs according to your county/state of residence. See pages 16 and 18 for tables that will help calculate the cost of credit courses.

The schedule for payment of tuition appears on page 19 in this publication. Students may be dropped from their classes if the bill is not paid by the due date shown.

### Financial Aid

You may apply for all forms of financial aid to support your credit coursework at the LCC. Due to the complexity of determining eligibility for financial aid, you are advised to work through the Financial Aid Office on the HCC campus. However, general information on processing procedures and deadlines for financial aid are available at the LCC main office.

Students enrolling at the LCC may also participate in the college's deferred payment program, FACTS, which allows you to spread your tuition payments over several months. Contact the financial aid office, or visit the LCC main office, for more information.

### HCC FINANCIAL AID SERVICES

Room RCF222  
10901 Little Patuxent Parkway  
Columbia, Maryland 21044  
Phone: 410-772-4912  
Fax: 410-772-4576  
Web site: <http://www.howardcc.edu/financialaid/>

Email: [finaid@howardcc.edu](mailto:finaid@howardcc.edu)

### Office hours

8:30 a.m. - 8:00 p.m. Monday - Wednesday  
8:30 a.m. - 5:00 p.m. Thursday and Friday  
Walk-in counseling hours  
10:00 a.m. - 2:00 p.m. Monday - Thursday  
5:00 p.m. - 7:30 p.m. Monday - Wednesday

### Parking

During the day, you must park in the yellow-lined spaces at the Laurel Shopping Center. Take the walkway between Books-A-Million and Sprint to the LCC building. After 5 p.m. and on Saturdays, you may park in the lots adjacent to Marshall Avenue. Parking passes are not needed. Parking is free.

### Room Locations

Classroom assignments will be posted in Suite 205 and at the elevator on the 2nd, 3rd and 4th floors of the LCC.

### Placement Testing

For credit degree programs, a placement test is usually required to determine each first-time student's math, reading and writing proficiency level as a part of the course selection and registration process. Transfer students with prior math and English courses may not need to take the placement tests. You should meet with an adviser to determine if a placement test is needed. You can schedule a placement test by calling 410-772-4162 or 1-866-228-6110 (toll free). The tests are not available at the LCC on a walk-in basis.

### Services Available Only at the HCC Campus

Some services, such as transcript evaluation, graduation audit and selective admissions (i.e., allied health programs and international students) may require consultation with staff at the home campus. You may also contact HCC staff about course information and advising questions through e-mail at [laurelinfo@howardcc.edu](mailto:laurelinfo@howardcc.edu)

## Students with Disabilities

Students with a documented disability who need special accommodation should identify themselves to the LCC site administrator and the HCC disability support services office. Students must provide acceptable documentation, register and submit a paid bill receipt one month or more before the start of classes. Additional information can be obtained by calling HCC at 410-772-4629 or 410-772-4606 (TDD)

## Security

Security staff are present at the LCC and routinely patrol the site. Students who need assistance should contact the main administrative office (Room 205).

## Campus Information

### HOWARD COMMUNITY COLLEGE

10901 Little Patuxent Parkway  
Columbia, MD 21044  
Web site: [www.howardcc.edu](http://www.howardcc.edu)  
Main Switchboard: 410-772-4800  
Telephone Registration: 410-715-3800

### LAUREL COLLEGE CENTER

312 Marshall Avenue  
Laurel, MD 20707  
Toll free: 1-866-228-6110  
Direct: 410-772-4162  
Fax: 410-772-4161  
TDD: 410-772-4171  
[www.laurelcollegecenter.org](http://www.laurelcollegecenter.org)

LCC Administrative Office (Room 205) Hours of Operation:

Monday through Thursday: 8:30 a.m. to 9 p.m.  
Friday: 8:30 a.m. to 5 p.m.

## Textbooks

The Laurel College Center does not have an on-site college bookstore. You may purchase your books directly from the HCC main campus bookstore for all classes offered at LCC. At your request, textbooks from the bookstore can be delivered directly to the Laurel College Center for easy pick up.

### Howard Community College Bookstore

Phone: 410-772-4816

Visit the bookstore or order online [www.howardcc.edu](http://www.howardcc.edu) (go to Student Services, click on 'Bookstore'); Visa, MasterCard and HCC financial aid awards accepted.

Earn a bachelor's degree  
in Teacher Education  
at LCC through an innovative part-  
time, evening program provided by  
College of Notre Dame of Maryland:

**Liberal Studies/Elementary Education  
with an option for  
Early Childhood Certification  
and Special Education Endorsements**

Contact **Fran Kroll** at **410-772-4854**  
or **[fkroll@howardcc.edu](mailto:fkroll@howardcc.edu)**.



## ACCOUNTING

### ACCT-111 Principles of Accounting I (3 credits)

Introduction to the recording, summarizing and analyzing of business transactions including the preparation and interpretation of financial statements.

**SUMMER 1:**  
1496 M050 6:00PM-9:20PM MWTH  
Fees: \$25.00.

### ACCT-112 Principles of Accounting II (3 credits)

A continuation of ACCT-111 which includes accounting for corporations and managerial accounting issues.

PRQ: ACCT-111

**SUMMER 3**  
1492 M050 6:00PM-9:20PM MWTH  
Section M050 meets from July 6 to August 6, 2010.  
Fees: \$25.00.

## BIOLOGY

### BIOL-101 General Biology I (4 credits)

Study of living things from the atom through the molecular, cellular and organismal levels.

PRQ: ENGL-096 or ENGL-086

**SUMMER 1:**  
7751 J501 8:30AM-10:45AM MTWTH  
11:00AM-1:00PM MTWTH

**SUMMER 1 EXTENDED:**  
2186 J550 6:00PM-9:50PM MTTH  
6:00PM-9:50PM TTH

**SUMMER 3**  
6101 J501 11:00AM-1:00PM MTWTH  
8:30AM-10:45AM MTWTH

This section meets from July 6, 2010 to August 6, 2010.  
Fees: \$43.00.

### BIOL-107 Fundamentals of Microbiology (4 credits)

This one semester course is designed mainly for dental hygiene, nursing, and paramedic students. This course will investigate the characteristics of living things from the molecular to the cellular level for both prokaryotic and eukaryotic cells. The study of microbiology will enable the student to understand the biology of bacteria, fungi, protozoa and viruses in terms of the transmission of disease.

PRQ: ENGL-096 or ENGL-086

**SUMMER 1 EXTENDED:**  
0695 J550 6:00PM-9:50PM MWTH  
6:00PM-9:50PM MW

**SUMMER 3:**  
0699 J501 8:30AM-10:45AM MTWTH  
11:00AM-1:00PM MTWTH

This section meets from July 6, 2010 to August 6, 2010.  
Fees: \$43.00.

### BIOL-200 Microbiology (4 credits)

Study of bacteria, algae, fungi, protozoa, and viruses in terms of morphology, classification, reproduction, metabolism, genetics, population growth, and environmental effects on growth and disease.

PRQ: BIOL-101 and 4 credits of chemistry.

**SUMMER 1:**  
2154 M501 11:00AM-12:15PM MTWTHF  
8:30AM-10:50AM MTWTHF

**SUMMER 1 EXTENDED:**  
2155 M550 6:00PM-7:50PM MW  
6:00PM-10:25PM TTH

### BIOL-203 Anatomy and Physiology I (4 credits)

Topics include histology, integumentary, skeletal, muscular, nervous, endocrine systems, and special senses. For nursing students and those desiring two semesters of A&P only.

PRQ: BIOL-101 or BIOL-107

**SUMMER 1:**  
5750 M501 10:00AM-12:00PM MTWTH  
12:30PM-2:30PM MTWTH  
Fees: \$43.00.

### BIOL-204 Anatomy and Physiology II (4 credits)

Continuation of BIOL-203 and includes the circulatory, respiratory, digestive, urinary and reproductive systems.

PRQ: BIOL-203

**SUMMER 1:**  
2745 M501 12:30PM-2:30PM MTWTH  
10:00AM-12:00PMMTWTH

**SUMMER 1 EXTENDED:**  
2090 M550 6:00PM-8:20PM TTH  
6:00PM-8:20PM MW

**SUMMER 3:**  
7774 M501 10:00AM-12:00PM MTWTH  
12:30PM-2:30PM MTWTH

This section meets from July 6, 2010 to August 6, 2010.

8159 M502 12:30PM-2:30PM MTWTH  
2:45PM-4:45PM MTWTH

This section meets from July 6, 2010 to August 6, 2010.  
Fees: \$43.00.

## BUSINESS

### BMGT-100 Introduction to Business & Organization (3 credits)

In this course, students will explore all of the primary disciplines in business on an introductory level: economics, human resource management, finance options, managerial accounting principles and marketing strategies. Students will examine challenges present in the current business environment and consider them with an eye toward ethics, social responsibility and effective management strategies in a global economy. The course is kept current by students' exposure to guest speakers and case analyses. Some written and oral reports will be required from these activities. This course is ideal both for students who wish to pursue a career in business and those who wish to gain a better understanding of the business world in which they live.

**SUMMER 1:**  
5034 M050 6:00PM-9:00PM MWTH

### BMGT-240 Human Resource Management (3 credits)

This course focuses on the practical and theoretical concepts relating to the management of people and concentrates on the human element in businesses today. Students will learn aspects of staffing (hiring process), performance appraisals, supervision, and analyses of key legislation affecting the management of personnel. Students will deal with six highly interdependent areas: Human Resource Development, Employee Relations/Motivation, Legal Compliance, Compensation and Benefits, Safety and Health, and Employee Labor Relations.

PRQ: BMGT-100

**SUMMER 3:**  
5598 M050 6:00PM-9:00PM MWTH  
Section M050 meets from July 6 to August 6, 2010.

## COMPUTER SYSTEMS

### CMSY-110 Software Applications for Micros (3 credits)

After successful completion of this course, the student will be able to use word processing, spreadsheet, database, and presentation graphic software. This course is designed for the beginning student and does not include advanced concepts. Keyboarding skills are strongly recommended.

All sections use Microsoft Word, Excel, Access, and PowerPoint.

**SUMMER 1:**  
1494 J001 9:00AM-12:00PM MTTH  
1497 M050 6:00PM-8:45PM MWTH

**SUMMER 3:**

8220 J003 9:00AM-12:00PM MTTH  
 CMSY-110-J003 meets from July 6 to Aug  
 6, 2010  
 Fees: \$50.00.

**CRIMINAL JUSTICE**

**CRIM-101 Introduction to Criminal  
 Justice (3 credits)**

This course will provide an introduction to the history and philosophical development of criminal justice and law enforcement. The student also will examine the requirements and opportunities in this field of study.

**SUMMER 1:**

3807 J950 6:00PM-8:50PM MTTH

**CRIM-103 Juvenile Delinquency  
 (3 credits)**

This course will provide an introduction to the field of juvenile crime, and the history of its treatment. Special attention will be given to trends in youth crime, developments in juvenile law and evolving correctional practices.

**SUMMER 3:**

3856 J950 6:00PM-8:50PM MTTH  
 Section J950 runs from July 6, to August  
 6, 2010.

**ECONOMICS**

**ECON-101 Principles of Economics  
 (Macro) (3 credits)**

This course introduces students to important economic issues which affect an entire economy. Students will more comfortably read and understand books, newspapers, and magazines with economic content. Topics include Demand and Supply Theory; Gross Domestic Product Determination; inflation; unemployment; the role of the government and public choice; fiscal and monetary policy and international economics.

PRQ: Eligible to enroll in ENGL-121

**SUMMER 1:**

2002 M903 9:00AM-11:45AM MWTH  
 2003 M950 6:30PM-9:30PM MWTH

**SUMMER 3:**

5561 J901 9:00AM-11:45AM MWTH  
 This section runs from July 6, to August  
 6, 2010.  
 2003 M953 6:30PM-9:30PM MWTH  
 This section runs from July 6, to August  
 6, 2010.  
 Fees: \$10.00.

**EDUCATION**

**EDUC-290 Special Education  
 General Methods Birth –  
 12th Grade (3 credits)**

Students will understand and use a variety of organizational, teaching, and classroom management strategies. The course will focus on effective practices in different settings with all disability groups, as well as collaboration with other involved professionals and parents. This course meets the Maryland State Department of Education Curriculum and Methodology of Instruction requirement for an initial certificate in Generic Special Education Infant/Primary, Elementary/Middle School, and Secondary/Adult.

**SUMMER 1:**

2151 M950 5:00PM-9:30PM TTH  
 This section runs from June 1 through  
 July 1, 2010.

**EDUC-291 Special Education  
 Methods Birth-8th Grade  
 (3 credits)**

Students develop knowledge and skills in planning lessons for diverse learners, and teaching oral language, writing, reading, mathematics, and content area material to students with special needs in both early childhood and elementary settings. In addition, students will explore special topics including inclusion, transition, and social skills development. This course meets the Maryland State Department of Education Curriculum and Methodology of Instruction requirement for an initial certificate in Generic Special Education Infant/Primary, Elementary/Middle School.

**SUMMER 3:**

2029 M950 5:00PM-9:30PM TTH  
 This section runs July 6-August 6, 2010.

**EDUC-293 Special Education  
 Assessment Part I Birth-  
 12th Grade (3 credits)**

This course provides students with the knowledge and skills for selecting, administering, interpreting, diagnosing, reporting, using assessment data, monitoring and evaluating the instructional program. Legal perspectives, technical aspects of assessment tools, accommodations, computer as a tool for assessment, and nondiscriminatory testing will be examined. This course meets the Maryland State Department of Education Assessment, Diagnosis, and Prescriptive Techniques requirement for an initial certificate in Generic Special Education Infant/Primary, Elementary/Middle School, and Secondary/Adult.

**SUMMER 3:**

2152 J901 12:00PM-5:00PM MTWTHF  
 This section runs July 6-July 16, 2010.

**EDUC-294 Special Education  
 Assessment Part II Birth-  
 12th Grade (3 credits)**

This course is designed to provide knowledge and skills in assessment, administration, interpretation, programming and alignment of test data with teaching standards. Trends in informal assessment, observation techniques, family assessment, vocational assessment, work sample analysis, task analysis, portfolios and teacher made tests will be explored. This course meets the Maryland State Department of Education Assessment, Diagnosis, and Prescriptive Techniques requirement for an initial certificate in Generic Special Education Infant/Primary, Generic Special Education Elementary/Middle School, and Generic Special Education Secondary/Adult.

**SUMMER 3:**

2154 J901 12:00PM-5:00PM MTWTHF  
 This section runs from July 19 through  
 July 29, 2010.

**ENGLISH**

**ENGL-096 Fundamentals of  
 Academic Reading  
 (3 credits)**

This course is designed to strengthen the students' reading skills. Emphasis is on comprehension, vocabulary building and reading rate.  
 PRQ: Appropriate score on English placement test or successful completion of ENGL-093; CO-REQ: FYEX-100

**SUMMER 1:**

5600 M150 6:00PM-9:00PM MTTH  
 Fees: \$50.00.

**SUMMER 3:**

5601 M151 6:00PM-9:00PM MTTH  
 Section M151 meets from July 6 to August  
 6, 2010.  
 Fees: \$50.00.

**KEY**

<b>COURSE #</b>		
<b>CHEM-101 General Inorganic          Chemistry I (4 credits)</b>		
Emphasis on solving problems involving mole concepts, gas laws, kinetic theory, etc. PRQ: Eligible to enroll in MATH-070		
1526 501	9:00AM-9:52AM	MWF
1455 504	9:30AM-10:50AM	TTH
<b>INDEX NO.</b>	<b>TIME</b>	<b>DAY(S)</b>
<b>SECTION TYPE &amp; NUMBER</b>		
<i>Please note room assignments will be printed on student schedules.</i>		

**ENGL-121 College Composition  
(3 credits)**

ENGL-121 transfers as university-parallel freshman English. It guides students through the expository writing process through close reading of contemporary critical discourse and teaches the rhetorical arts of argument and persuasion through critical thinking, reading and research. Students will develop an understanding of themselves as readers and writers of world cultures and participate with others in responsible public discourse and have moral and ethical responsibilities in that discourse; examine the relationship among writer, audience, and purpose; and practice writing prose through a recursive process. Students completing this course should be able to write persuasive, researched and documented essays (of at least 1,000 words) demonstrating the conventions of standard written English and manuscript presentation.

PRQ: Eligibility to enroll in ENGL-121 is based on English placement test scores or the successful completion of required developmental English course work.

**SUMMER 1:**

1600 M101 10:00AM-12:00PM MTWTH  
1603 M150 6:30PM-9:30PM MWTH  
Fees: \$30.00.

**FIRST YEAR  
EXPERIENCE****FYEX-100 First Year Experience  
(2 credits)**

First Year Experience 100 engages students in a highly interactive, critical thinking experience and in a meta-cognitive pursuit to understand themselves as intentional learners and as civic and global citizens. Through self-assessment, reading, writing, and reflection, students develop habits of mind necessary to engage in academic inquiry, creative and critical thinking, and scholarly discourse with integrity and civility; develop their ability to articulate their long-term goals as related to their own beliefs and values; and strengthen their capacity to appreciate diversity and effective intercultural and interpersonal communication.

**SUMMER 1:**

5864 M150 6:00PM-8:30PM MTTH  
Fees: \$25.00.

**HEALTH EDUCATION****HEED-113 Drug Use and Abuse  
(3 credits)**

This course will examine drug related issues, including legal aspects and abuse of drugs. Upon completion of this course the student will be able to identify the physiological, psychological, social and cultural implications of drug abuse.

**SUMMER 3:**

2715 J302 9:00AM-11:50AM MTTH  
This section runs from July 6, to August 6, 2010.

**HEED-125 Ethics in Professional  
Practice (3 credits)**

This course will examine ethics in today's evolving healthcare environment. This course will look at privacy and the ethical dilemmas that result from current laws, social and cultural implications. A practitioner's approach to ethics has a direct impact on the quality of patient care and the liability of the organization for which they work. Healthcare practitioners, i.e. substance abuse counselors, mental health counselors, gerontologists and social service workers, are expected to be knowledgeable about today's healthcare laws and ethical codes.

**SUMMER 1 EXTENDED:**

5742 M360 6:00PM-10:30PM F  
8:30AM-5:45PM S  
This section meets June 4-5, 18-19 and July 2-3, 2010.

**HEED-211 Nutrition (3 credits)**

This course will provide students with a general understanding of nutrition and health. The functions and importance of fats, carbohydrates, proteins, vitamins and minerals, and the relationship between nutrition and exercise in weight management are included.

Also listed as NUTR-211.

**SUMMER 1:**

4374 M351 5:30PM-9:45PM MW

**SUMMER 3:**

2721 M301 11:00AM-12:50PM MTWTH  
This section runs from July 6, to August 6, 2010.  
2720 M353 6:00PM-7:50PM MTWTH  
This section runs from July 6, to August 6, 2010.  
Fees: \$10.00.

**HISTORY****HIST-111 American History to 1877  
(3 credits)**

A survey of American history through 1877.  
PRQ: Eligible to enroll in ENGL-121.

**SUMMER 1:**

8118 J901 9:00AM-11:50AM MTTH  
Fees: \$15.00.

**HIST-123 Western Civilization and  
the Modern World  
(3 credits)**

The student will be able to describe the history and development of Western Civilization and its impact on the world from 1815 to the present. The student will identify and analyze the political, economic and intellectual movements that influenced the Western European mind. The student will examine the character of the evolving modern nation state system through the wars of unification, overseas expansion, and the competitive national rivalries. The student will evaluate the underlying factors influencing the events that shaped the modern world, including two World Wars and the Cold War. The student will examine how the post-1945 conditions affected the attitudes and makeup of the former colonial world.

PRQ: Eligible to enroll in ENGL-121

**SUMMER 3:**

8185 J901 9:00AM-11:45AM MWTH  
Fees: \$15.00.

**HUMAN  
DEVELOPMENT****HMDV-200 Life Span Development  
(3 credits)**

The purpose of this course is to examine the growth and development of an individual throughout his/her life. Beginning with the prenatal period and continuing through old age, development from a physical, intellectual, social and emotional perspective will be studied. Theories on development and current research in the field will be reviewed with an emphasis on application of individual case histories and personal experiences. This course meets the Maryland State Department of Education Child Development requirement for an initial certificate in Early Childhood Education, Elementary Education, and Secondary Education.

NOTE: For a prerequisite waiver call Division Chair, 410-772-4019.

PRQ: Eligible to enroll in ENGL-121

**SUMMER 1:**

8119 J901 9:00AM-11:45AM MTTH

## MATHEMATICS

### MATH-060 Basic Mathematics (2 credits)

In this course students will improve their arithmetic skills using signed numbers, fractions and decimals. Factoring numbers into products of primes; conversions between decimals, fractions and percents; ratio and proportion; place value and least common multiples will also be included. The use of a scientific calculator as a problem solving tool is also taught. This course is taught using computer-assisted instruction. You must plan to spend extra time on campus in our open computer labs.

PRQ: Appropriate score on math placement test and ENGL-093

**SUMMER 2:**

0578 J412 9:00AM-10:20AM MTTH  
This section runs June 14 to August 6, 2010.  
0579 J462 6:30PM-7:50PM MTTH  
This section runs June 14 to August 6, 2010.  
Fees: \$50.00.

### MATH-061 Basic Algebra and Geometry (4 credits)

In this course students will be introduced to algebraic topics such as working with integers, simplifying numeric expressions with exponents, combining similar terms, multiplying polynomials and evaluating algebraic expressions. They will learn to distinguish among examples of the commutative, associative and distributive properties. Students will solve first degree equations, solve and graph linear inequalities on a number line, graph lines and investigate slope, and the x- and y- intercepts. They will become familiar with elementary topics in geometry. This course is taught using computer assisted instruction. You must plan to spend extra time on campus in our open computer labs.

PRQ: MATH-060 or appropriate math placement score and ENGL-093

**SUMMER 2:**

5204 J412 9:00AM-11:30AM MTTH  
This section begins on June 14 to August 6, 2010.  
5206 J462 6:15PM-8:45PM MTTH  
This section begins on June 14 to August 6, 2010.  
Fees: \$50.00.

### MATH-067 Review of Algebra With Geometry Applications (4 credits)

In this course, the student will develop skills in manipulating algebraic expressions with integer exponents and in simplifying polynomials, rational expressions and radicals. The student will write an equation for a line from given information. Systems of equations will be solved graphically and algebraically. Methods of factoring second-degree polynomials and applications involving factoring will also be included. Students will solve quadratic equations and related applications using factoring and the quadratic formula. Application problems will include the use of the Theorem of Pythagoras. Classes offered in HR326 A&B and HR328 are computer-based instruction. Additional time is required in the computer lab. All sections require the use of the interactive computer program that comes with the text. PRQ: Appropriate score on math placement test.

**SUMMER 2:**

5205 J412 9:00AM-11:30AM MTTH  
This section runs June 14 to August 6, 2010.  
5207 J462 6:15PM-8:45PM MTTH  
This section runs June 14 to August 6, 2010.  
Fees: \$50.00.

### MATH-070 Intermediate Algebra (3 credits)

The emphasis of this course is on using algebraic and graphical techniques to model and solve real world application problems. The use of a graphing calculator is required. Topics will include linear, quadratic, exponential, and logarithmic functions, rational exponent equations (both linear and quadratic), radical equations, linear and nonlinear systems, use of the discriminant, and inverse functions. Familiarity with rational expressions and equations is assumed. PRQ: MATH 065 or MATH 067 or appropriate score on math placement test.

**SUMMER 2:**

5208 J462 6:15PM-8:45PM MTTH  
This section begins on June 14 to August 6, 2010.

**SUMMER 3:**

2889 J413 9:00AM-12:00PM MTWTH  
All Laurel classes end on August 6, 2010.  
Fees: \$50.00.

### MATH-121 Finite Math (3 credits)

In this course students will learn the language of sets and be introduced to counting theory, tree diagrams, probability, distributions, and random variables. Other topics include approximating data by linear models, graphing and analysis of systems of inequalities, matrix algebra and linear programming, and the mathematics of finance. PRQ: MATH-070 or appropriate math placement score. (3 hours weekly)

**SUMMER 1:**

4447 J460 6:00PM-9:00PM MWTH  
Fees: \$50.00.

### MATH-122 Ideas in Mathematics (3 credits)

In this course students will develop the ability to reason with quantitative information, through the study of the principles of reasoning, number sense, probability and statistical reasoning, logic and mathematical modeling. Students will acquire the specific background and critical thinking skills they need to understand the major issues they will face in life, both on a personal level and as citizens in a modern democracy. There will be an emphasis upon contemporary applications to various real-life problems. This course is intended for students who do not plan to major in mathematics or the sciences.

PRQ: MATH 070 or appropriate score on math placement test.

**SUMMER 3:**

8710 J463 6:15PM-9:15PM MTTH  
This section runs from July 6, to August 6, 2010.  
Fees: \$50.00.

**KEY**

COURSE #		
<b>CHEM-101 General Inorganic Chemistry I (4 credits)</b>		
Emphasis on solving problems involving mole concepts, gas laws, kinetic theory, etc.		
PRQ: Eligible to enroll in MATH-070		
1526 501	9:00AM-9:52AM	MWF
1455 504	9:30AM-10:50AM	TTH
INDEX NO.	TIME	DAY(S)
<b>SECTION TYPE &amp; NUMBER</b>		
<i>Please note room assignments will be printed on student schedules.</i>		

**MATH-127 Concepts of Mathematics I (4 credits)**

This course is for students in the elementary education and early childhood education programs. Students will study the structural aspects of mathematics and the 'why' of arithmetical computations. Topics include sets, functions, logic, numeration systems, algorithms and their historical development, estimation, mental computations, and elementary number theory. Throughout the course special emphasis is given to problem solving techniques. Appropriate use of computers and calculators will be integrated into the course.

PRQ: MATH-070 or appropriate Math placement score

**SUMMER 1:**  
7639 J460 6:00PM-9:00PM MTWTH  
Fees: \$50.00.

**MATH-128 Concepts of Mathematics II (4 credits)**

This course is the second course in a sequence intended for students in the elementary and early childhood education programs. Topics include statistics, probability, metric and non-metric geometry, dimensional analysis, congruence and similarity, and coordinate and transformational geometry. Throughout the course special emphasis is given to problem-solving techniques including the appropriate use of calculators and computers.

PRQ: MATH-070 or appropriate math placement score

**SUMMER 3:**  
5210 J463 9:00AM-12:00PM MTWTH  
All Laurel classes end on August 6, 2010.  
Fees: \$50.00.

**MATH-131 College Algebra (3 credits)**

Students will further algebraic skills with the concept of functions as a tool to model the real world playing a central role. Polynomial, rational, exponential and logarithmic functions will be studied, along with techniques for solving equations and inequalities, complex numbers, operations on functions and inverse functions. A graphical approach will be utilized throughout with an emphasis on solving application problems. This course is taught using computer assisted instruction. If you do not have the equipment at your home/office you must plan to spend extra time on campus in our open computer labs. The use of a graphing calculator is required.

PRQ: MATH-070 or appropriate math placement score

**SUMMER 1:**  
7638 J411 9:00AM-12:00PM MTWTH  
5202 J460 6:00PM-9:00PM MWTH  
Fees: \$50.00.

**MATH-138 Statistics (4 credits)**

Development of pictorial and analytical distributions, using statistics tables, calculator, and computer to calculate measures of central locations and variation. This course is taught using computer assisted instruction. If you do not have the equipment at your home/office you must plan to spend extra time on campus in our open computer labs.

PRQ: MATH-070 or higher or appropriate math placement score

**SUMMER 1:**  
8708 J411 9:00AM-12:00PM MTWTH

**SUMMER 2:**  
4679 J462 6:15PM-8:45PM MTTH  
This section begins on June 14 to August 6, 2010.

**SUMMER 3:**  
4693 J413 9:00AM-12:00PM MTWTH  
All Laurel classes end on August 6, 2010.  
5212 J463 6:00PM-9:00PM MTWTH  
All Laurel classes end on August 6, 2010.  
Fees: \$50.00.

**MATH-143 Precalculus I (3 credits)**

Previously MATH-131. In this course, students will further develop their algebraic skills. The concept of a function as a tool to model the real world will play a central role. Polynomial, rational, exponential and logarithmic functions will be studied, along with techniques for solving equations and inequalities, complex numbers, operations on functions and inverse functions. A graphical approach will be utilized throughout, with an emphasis on solving application problems.

PRQ: MATH 070 or appropriate score on math placement test.

**SUMMER 3:**  
0471 J413 9:00AM-11:30AM MTWTH  
All Laurel classes end on August 6, 2010.  
0472 J463 6:00PM-9:00PM MTTH  
All Laurel classes end on August 6, 2010.  
Fees: \$50.00.

**MATH-145 Business Calculus (3 credits)**

In this course students will develop skills in initial content of both differential and integral calculus. Polynomial, rational, exponential and logarithmic functions will be studied. Applications dealing with optimization, related rate, revenue, cost, profit, elasticity, and areas will be presented. This course uses the graphing calculator, a computer algebra system, and the interactive computer program that comes with the text. If you do not have the computer capability available at your home/office then you must plan to spend extra time on campus in our open computer labs. Students can not receive credit for both MATH-145 and MATH-181.

PRQ: MATH-131 or appropriate math placement score.

**SUMMER 1:**  
2146 J460 6:00PM-9:00PM MWTH  
Fees: \$50.00.

**SUMMER 2:**  
0443 J462 6:30PM-8:30PM MTTH  
This section runs June 14 to August 6, 2010.  
Fees: \$50.00.

**MATH-153 Precalculus II (3 credits)**

Previously MATH-133. This course is the second part of a two course sequence in precalculus. Students will develop skills in basic trigonometry and its applications, with an emphasis on modeling with functions and other algebraic skills necessary for the study of calculus. Trigonometry will be defined using the unit circle approach, with emphasis on the geometry of the circle. Classical right triangle trigonometry will be studied, along with trigonometric identities and equations, the laws of sines and cosines, graphs and properties of the trigonometric functions and their inverses, parametric equations, trigonometric form of complex numbers, De Moivre's theorem and polar coordinates. Additional topics from algebra will include sequences and series. A graphical approach will be utilized throughout, with an emphasis on solving application problems.

PRQ: MATH 131 or MATH 143. Graphing calculator (TI-84 recommended, TI-89 not permitted) and required course software.

**SUMMER 3:**  
0474 J413 9:00AM-11:30AM MTWTH  
All Laurel classes end on August 6, 2010.  
Fees: \$50.00.

**MATH-181 Calculus I (4 credits)**

In this course students will develop skills in initial content of both differential and integral calculus to allow further study in calculus, other higher mathematics, and the disciplines that make extensive use of mathematics. Trigonometric as well as algebraic functions will be studied. This course uses the graphing calculator, a computer algebra system and the interactive CD-ROM disk that comes with the text. If you do not have the adequate computer capability at your home/office you must plan to spend extra time on campus in our open computer labs. Students can not receive credit for both MATH-145 and MATH-181.

PRQ: MATH-133 or MATH-135 or appropriate math placement score.

**SUMMER 2:**  
0580 J462 6:15PM-8:45PM MTTH  
This section runs June 14 to August 6, 2010.  
Fees: \$50.00.

**MATH-240 Calculus III (4 credits)**

This course includes vector calculus in both two and three dimensional space along with the classical theorems of Green, Stokes, and Gauss. It will also include a discussion of partial derivatives and multiple integrals along with a number of appropriate applications. This course uses a computer algebra system and the interactive CD-ROM disk that comes with the text. If you do not have this equipment at your home/office you must plan to spend extra time on campus in our open computer labs.

PRQ: MATH-150 or 182

**SUMMER 3:**

7869 J413 12:00PM-3:00PM MTWTH

All Laurel classes end on August 6, 2010.

Fees: \$50.00.

**NUTRITION**

**NUTR-211 Nutrition (3 credits)**

This course will provide students with a general understanding of nutrition and health. The functions and importance of fats, carbohydrates, proteins, vitamins and minerals, and the relationship between nutrition and exercise in weight management are included.

Also listed as HEED-211.

**SUMMER 1:**

2249 M351 5:30PM-9:45PM MW

**SUMMER 3:**

5424 M301 11:00AM-12:50PM MTWTH

This section runs from July 6, to August 6, 2010.

5425 M353 6:00PM-7:50PM MTWTH

This section runs from July 6, to August 6, 2010.

Fees: \$10.00.

**PHILOSOPHY**

**PHIL-101 Introduction to Philosophy (3 credits)**

An introduction to world philosophy which begins with the western tradition and includes Asian and African philosophies as well as the voices of women philosophers and the peoples of the Americas. Focus is on major theories of reality (metaphysics), knowledge (epistemology), value (axiology), and logic.

PRQ: Eligible to enroll in ENGL-121.

**SUMMER 1:**

5743 M750 6:00PM-9:00PM TWTH

**SUMMER 3:**

5744 M750 6:00PM-10:30PM F  
8:30AM-5:45PM S

This section meets July 9-10, 23-24 and August 6-7, 2010. Registration deadline July 1.

**PHIL-102 Introduction to Logic (3 credits)**

An introduction to both the practice and study of reason. Taking the essence of reason to be argument—a set of premises supporting a conclusion - the basic notions of validity, truth, soundness, strength and cogency will be studied and applied to ordinary language, culminating in a survey of what are known as informal fallacies. Two elements of formal symbolic logic will then be studied and practiced: categorical syllogism (Aristotelian and Boolean) and propositional logic (not including predicate logic). These elements have a distinctly mathematical feel; the final element of the course will return to a less formally rigorous study of inductive logic, scientific method and reason in general.

**SUMMER 3:**

2159 M750 6:00PM-9:00PM TWTH LCTBA

Fees: \$10.00

**PSYCHOLOGY**

**PSYC-101 General Psychology (3 credits)**

An introductory course focusing on how psychologists conduct research on human behavior and the results.

PRE: Eligible to enroll in ENGL-121.

**SUMMER 1:**

3902 M902 9:00AM-12:00PM MTTH

3903 M950 6:00PM-9:00PM MTTH

**SUMMER 3:**

5562 J902 9:00AM-12:00PM MTTH

This section runs from July 6, to August 6, 2010.

3903 M953 6:00PM-9:00PM MTTH

This section runs from July 6, to August 6, 2010.

Fees: \$15.00.

**SOCIOLOGY**

**SOCI-101 Introduction to Sociology (3 credits)**

A study of concepts including culture, socialization, deviance, social change and stratification will be applied to social problems and everyday living.

PRQ: Eligible to enroll in ENGL-121.

**SUMMER 1:**

5558 J903 9:00AM-11:45AM MTTH

5559 J950 6:30PM-9:30PM MWTH

**SUMMER 3:**

8186 J901 9:00AM-11:45AM MTTH

This section runs from July 6, to August 6, 2010.

6160 M952 5:30PM-9:45PM MW

This section runs from July 6, to August 6, 2010.

Fees: \$15.00.

**SPEECH**

**SPCH-105 Fundamentals of Public Speaking (3 credits)**

The focus of this course is speaking skills for various situations with emphasis on one-to-group presentations. Effective communication in content, physical and vocal delivery as well as language use are stressed.

PRQ: Eligible to enroll in ENGL-121.

**SUMMER 1:**

1649 M702 9:00AM-11:45AM MWTH

1665 M750 5:30PM-9:45PM MW

**SUMMER 3:**

1690 M704 9:00AM-11:45AM MWTH

This course runs July 6-August 6, 2010.

1666 M753 5:30PM-9:45PM TTH

This course runs July 6-August 6, 2010.

**SPCH-110 Interpersonal Communication (3 credits)**

This course examines factors such as culture, perception and self-concept in verbal and non-verbal language.

PRQ: Eligible to enroll in ENGL-121.

**SUMMER 3:**

1667 M750 6:00PM-10:30PM F  
8:30AM-5:45PM S

This course runs July 9-10, 16-17 and 30-31, 2010. Registration deadline July 2.

**KEY**

<b>COURSE #</b>		
<b>CHEM-101 General Inorganic Chemistry I (4 credits)</b>		
Emphasis on solving problems involving mole concepts, gas laws, kinetic theory, etc.		
PRQ: Eligible to enroll in MATH-070		
1526 501	9:00AM-9:52AM	MWF
1455 504	9:30AM-10:50AM	TTH
<b>INDEX NO.</b>	<b>TIME</b>	<b>DAY(S)</b>
<b>SECTION TYPE &amp; NUMBER</b>		
<i>Please note room assignments will be printed on student schedules.</i>		