



# SUMMER 2009

## Schedule of Courses

**Office of the Campus Registrar**  
**Penn State New Kensington**  
**3550 Seventh Street Road**  
**Rte. 780**  
**New Kensington, PA 15068**  
**724-334-6040—phone**  
**724-334-6111—fax**

- **Intersession**  
*May 11 through May 28 – (Final Exam last day of class)*  
No classes May 25, 2009
- **Twelve Week Session**  
*May 11 through July 30 – (Final Exam last day of class)*  
No classes May 25, 2009
- **1<sup>st</sup> Five Week Session**  
*June 01 through July 02 – (Final Exam last day of class)*
- **Eight Week Session**  
*June 01 through July 23 – (Final Exam last day of class)*
- **2<sup>nd</sup> Five Week Session**  
*July 06 through Aug 06 – (Final Exam last day of class)*

  
**Registration begins Monday, February 2, 2009**  


*Prerequisites must be met for all courses that require them or special permission must be obtained from the instructor.*

**This publication is subject to change without notice. The most current information is found by accessing the University Registrar's Web site: <http://www.registrar.psu.edu>**

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## Registration Instructions for All Students

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### *Methods of Registering*

#### 1 eLion Registration

Requires a personal computer connected to Web, using Netscape version 2.0 or higher (or an equivalent browser)

Requires a Penn State Access Account

Web Address: *eLion.psu.edu*

Hours of Operation:

7:30 a.m. to 3:00 a.m., 7 days a week  
(Eastern Standard Time)

#### 2 To Register in Person

Present a completed Registration Drop/Add form to the Registrar's office.

#### 3 There are certain registration activities that require in person registration, such as:

- Enrolling in a closed course (Instructor approval required)
- Enrolling in a course as "audit" or "satisfactory/unsatisfactory" grading option
- First time enrollment as a nondegree student

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## Graduation Information

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### **Student's Responsibility**

It is the student's responsibility to notify the University of his/her intent to graduate. This should be done by using the "Graduating this Semester" *eLion* application. The activation dates for Summer graduation are **May 18 through June 19, 2009**.

During the graduation activation period, students may enter their intent or remove their name from the graduation list.

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## Transcripts

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An official transcript is the University's certified statement of your academic record (we **do not** include the PSU ID or Social Security number on the transcript). The official transcript is printed on security sensitive paper and contains the University seal and signature of the University Registrar. When requesting your transcript, list all areas/levels of course work, *undergraduate, graduate, medical, law and noncredit*, that you have taken. For your protection, we will not release an official transcript without your signature. \$8.00 fee per transcript per set (set includes all levels of course work). **Transcripts will NOT be distributed by fax.**

### **To obtain an official transcript, the student can:**

- make a request on the web, *http://www.registrar.psu.edu*
- make a request in writing to: The Pennsylvania State University, Transcript Department, 112 Shields Building, University Park, PA 16802-1271 or complete the "Official Transcript" form
- fax a request to (814) 865-6359; payment must be made by VISA or MASTER CARD

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

Produced by the Office of the Campus Registrar, 3550 Seventh Street Road, Route 780, New Kensington, PA 15068

U.Ed. NK 09-20

**PENN STATE NEW KENSINGTON  
SCHEDULE OF CLASSES – SUMMER 2009**

Penn State students can schedule the following courses by accessing the [eLion.psu.edu](http://eLion.psu.edu) Web site. Others can request a non-degree application and registration form by calling (724) 334-6040. Changes or updates to the following schedule can be found on the University Registrar's Web site: <http://www.registrar.psu.edu>

**INTERSESSION**

Registration: Monday, February 02 through May 11  
Classes Begin: Monday, May 11  
Classes End: Thursday, May 28  
Final Exams: Last Day of Class

\* For courses following **typical** 3 Week Intercession dates:  
Drop/Add Deadline: Tuesday, May 12  
Late Drop Deadline: Tuesday, May 26  
For courses with **different** beginning/ending dates, please check eLion or call the Registrar's Office, 724-334-6040

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
300931	CAS 100	300	3	Effective Speech	MTWR	0900A	0250P	GWS
300934	CAS 100	301	3	Effective Speech Introduction to speech communication: formal speaking, group discussion, analysis and evaluation of messages.	MTWR	0600P	0950P	GWS
300940	EARTH 101	300	3	Natural Disasters Analysis of the causes and consequences of natural disasters; comparison of popular media portrayal of disasters with perspective from scientific research.	MTWR	0600P	0950P	GN US
316441	I B 303	300	3	Intrnatl Bus Oper <i>*(5<sup>th</sup> Semester Standing)</i> A survey of the major aspects of international business environment and operations with an emphasis on the cultural dimension.	MTWR	0600P	0930P	IL
308224	KINES 077	300	1.5	Yoga I A course designed to give students an understanding of and proficiency in yoga.	TWRF	0900A	1035A	GHA
300955	MUSIC 009	300	3	Intro World Musics An overview of the music of India, China, Japan, Indonesia, Africa, and the Middle East.	MTWR	0900A	1250A	GA IL
308230	NURS 433	300	3	Smnr Nurs Manager <i>*(NURS 301, NURS 302, NURS 310, NURS 320; or current and valid RN license for RN to BS majors)</i> Course focuses on the application of management principles in the role of the nurse manager.	W	0800A	0430P	
311479	PHIL 103	300	3	Intro Ethics Ethical theory about virtue, duty, autonomy, and life quality applied to moral problems, including character, violence, oppression, abortion, and suicide.	MTWR	0600P	0930P	GH
300958	RL ST 001	300	3	World Religions An historical and comparative survey of the principal beliefs and practices of the world's major religions.	MTWR	0900A	1250P	GH USI
300961	SPAN 003	300	4	Inmd Spanish <i>*(SPAN 002)</i> Audio-lingual review of structure; writing; reading.	MTWRF	0830A	1230P	

**12 WEEK SESSION**

Registration: Monday, February 02 through May 11  
 Classes Begin: Monday, May 11  
 Classes End: Thursday, July 30  
 Final Exams: Last Day of Class

\* For courses following **typical** 12 Week Session dates:  
 Drop Add Deadline: Monday, May 18  
 Late Drop Deadline: Monday, July 13  
 For courses with **different** beginning/ending dates, please check eLion or call the Registrar's Office, 724-334-6040

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
300964	ACCTG 211	120	4	Fin Mgl Acc Dec Mk <i>*(MATH 021 or 1.5 units of high school algebra)</i> Introduction to the role of accounting numbers in the process of managing a business and in investor decision making.	MW	0600P	0905P	
300967	B A 495A	120	3-9	Internship/Bus <i>*(B A 322, B A 420)</i> Guided professional practicum in business administration involving an internship with a business organization; practice of business skills in field setting.	W	0530P	0700P	
300970	BE T 203	120	4	Biomed Internship <i>*(BE T 204, BIOL 141)</i> Practical experience, within or related to the hospital environment, on a variety of biomedical instruments.	APPT			
300973	IST 295B	120	1-3	IST Internship <i>*(IST 110)</i> Supervised work experience where the student is employed in an information sciences and technology position in industry, government, or academia.	APPT			
300976	IST 495	120	1-3	Internship <i>*(Prerequisite: prior approval of proposed assignment by instructor)</i> Supervised off-campus, nongroup instruction including field experiences, practica, or internships. Written and oral critique of activity required.	APPT			
300979	PHYS 211	120	4	Mechanics <i>*(Concurrent: MATH 140)</i> Calculus-based study of the basic concepts of mechanics; motion, force, Newton's laws, energy, collisions, and rotation.	T R	0600P 0715P	0925P 0940P	GN
300982	PSYCH 495	120	1-12	Internship <i>*(Prerequisite: prior approval of proposed assignment by instructor)</i> Supervised off-campus, nongroup instruction including field experiences, practica, or internships. Written and oral critique of activity required.	APPT			
300985	RADSC 103	120	3	Radiol Proc III <i>*(RADSC 102)</i> Continuation of Radiographic Procedures/Lab II to include digestive, urinary, and biliary systems and facial bone work.	W	1145A	0330P	
300988	RADSC 207	120	4	Registry Review <i>*(RADSC 206)</i> Registry Review includes material from all radiological science courses, with emphasis on National Certification Examination, and career planning.	R R	0900A 0100P	1200P 0300P	
301006	RADSC 210W	120	3	Rad Pathology <i>*(BIOL 129, BIOL 141)</i> Writing intensive study of theories of disease causation and the pathophysio-logic disorders compromising health systems with emphasis on radiographic presentation.	W	0730A	1115A	
302176	RADSC 295	120	2	Internship <i>*(Prerequisite: prior approval of proposed assignment by instructor)</i> Supervised off-campus, nongroup instruction including field experiences, practica, or internships. Written and oral critique of activity required.	APPT			
302185	RADSC 295	121	2	Internship <i>*(Prerequisite: prior approval of proposed assignment by instructor)</i> Supervised off-campus, nongroup instruction including field experiences, practica, or internships. Written and oral critique of activity required.	APPT			

**1<sup>st</sup> FIVE WEEK SESSION**

Registration: Monday, February 02 through June 01  
 Classes Begin: Monday, June 01  
 Classes End: Thursday, July 02  
 Final Exams: Last Day of Class

\* For courses following **typical** 1<sup>st</sup> Five Week Session dates:  
 Drop/Add Deadline: Wednesday, June 03  
 Late Drop Deadline: Friday, June 26  
 For courses with **different** beginning/ending dates, please check eLion or call the Registrar's Office, 724-334-6040

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
300367	ECON 002	500	3	Microec Analy Methods of economic analysis and their use; price determination; theory of the firm; distribution.	MT R	0900A	1150A	GS
302347	ENGL 015	500	3	Rhetoric & Composition <i>*(ENGL 004 or satisfactory performance on the English proficiency examination)</i> Instruction and practice in writing expository prose that shows sensitivity to audience and purpose.	MT R	0600P	0840P	GWS
311722	INART 115	500	3	Popular Music The development of the performing arts of American popular culture; emphasis on popular music, dance, theatre, and variety arts.	MT R	0900A	1150A	GA
300424	PSYCH 100	500	3	Intro Psychology Introduction to general psychology; principles of human behavior and their applications.	MT R	0900A	1150A	GS

**EIGHT WEEK SESSION**

Registration: Monday, February 02 through June 02  
 Classes Begin: Monday, June 01  
 Classes End: Thursday, July 23  
 Final Exams: Last Day of Class

\* For courses following **typical** 8 Week Session dates:  
 Drop/Add Deadline: Friday, June 05  
 Late Drop Deadline: Monday, July 13  
 For courses with **different** beginning/ending dates, please check eLion or call the Registrar's Office, 724-334-6040

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
300358	B A 243	800	4	Soc Leg Eth Env Bu Explores the ethical, political, social, legal and regulatory, technological, and demographic diversity environment of business. A student may not receive credit toward graduation for both B LAW 243 and B A 243.	T R	0600P	0940P	
300361	BIOL 141	800	3	Physiology Explanation of the normal structure and function of the animal body, with special emphasis on human body systems. Students who have passed BIOL 472 may not schedule this course.	T R	0600P	0840P	GN
311725	CHEM 110	800	3	Chem Princ I <i>(Prerequisite: satisfactory performance on the Chemistry and Math FTCAP tests--i.e. placement beyond the level of CHEM 101 and MATH 022; or CHEM 101 and MATH 022 or MATH 041)</i> Basic concepts and quantitative relations. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Effective: Summer 2007	T R	0600P	0840P	GN

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
315883	CHEM 111	800	1	Exper Chem I <i>*(Prerequisite: or concurrent: CHEM 110 or CHEM 106)</i> Introduction to quantitative experimentation in chemistry. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Effective: Summer 2007	T	0800A	0100P	GN
300364	CHEM 112	800	3	Chem Princ II <i>*(CHEM 110 or CHEM 106)</i> Continuation of CHEM 110, including an introduction to the chemistry of the elements. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Effective: Spring 2009 Future: Spring 2009	M WR	1200P	0135P	GN
315886	CHEM 113	800	1	Exper Chem II <i>*(Prerequisite: CHEM 111. Prerequisite or concurrent: CHEM 112)</i> Continuation of CHEM 111, with emphasis on topics related to CHEM 112. GN To receive Natural Sciences General Education (GN) credit for certain chemistry courses requires both lecture and laboratory courses be taken. These courses are: (CHEM 106 or CHEM 110 or CHEM 110H) and CHEM 111; (CHEM 112 or CHEM 112H) and (CHEM 113 or CHEM 113B). Effective: Summer 2007	T	0200P	0700P	GN
300382	FIN 301	800	3	Corporation Finance <i>*(ACCTG 211; ECON 004; MGMT 301; SCM 200 or STAT 200)</i> Nature of finance function; risk and return concepts; working capital; dividend policies; mergers; security markets; acquisition and management of corporate capital; analysis of operations, forecasting capital requirements; raising capital; and planning profits. May not be used to satisfy Smeal College baccalaureate degree requirements. Not available to students who have completed B A 301.	T R	0600P	0840P	
300397	MATH 021	800	3	College Algebra I <i>*(MATH 004 or satisfactory performance on the mathematics proficiency examination)</i> Quadratic equations; equations in quadratic form; word problems; graphing; algebraic fractions; negative and rational exponents; radicals.	M W	0430P	0710P	GQ
303037	MATH 022	800	3	College Algebra II <i>*(MATH 021 or satisfactory performance on the mathematics proficiency examination)</i> Relations, functions, graphs; polynomial, rational functions, graphs; word problems; nonlinear inequalities; inverse functions; exponential, logarithmic functions; conic sections; simultaneous equations.	M WR	0530P	0720P	GQ
300400	MATH 110	800	4	Tech Calculus I <i>*(MATH 022 or satisfactory performance on the mathematics proficiency examination)</i> Functions, graphs, derivatives, integrals, techniques of differentiation and integration, exponentials, improper integrals, applications. Students may take only one course for credit from MATH 110, 140, 140A, and 140B	M WR	0750P	1000P	GQ
300403	MATH 140	800	4	Calc Anly Geom I <i>*(MATH 022, MATH 026; or MATH 040 or MATH 041; or satisfactory performance on the mathematics proficiency examination)</i> Functions, limits; analytic geometry; derivatives, differentials, applications; integrals, applications. Students may only take one course for credit from MATH 110, 140, 140A, and 140B.	M WR	0520P	0730P	GQ
303040	MATH 141	800	4	Calc Anly Geom II <i>*(MATH 140, 140A, or 140B)</i> Derivatives, integrals, applications; sequences and series; analytic geometry; polar coordinates. Students may take only one course for credit from MATH 110, 140, 140A, and 140B.	M WR	0750P	1010P	GQ

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
300406	MATH 250 <i>*(MATH 141)</i>	800	3	Ord Diff Equations	M WR	0530P	0740P	
	First- and second-order equations; special functions; Laplace transform solutions; higher order equations. Students who have passed MATH 251 may not schedule this course for credit.							
300409	MATH 251 <i>*(MATH 141)</i>	800	4	Ord & Part Diff Eq	M WR	0530P	0740P	
	First- and second-order equations; special functions; Laplace transform solutions; higher order equations; Fourier series; partial differential equations.							
300412	MATH 465 <i>*(MATH 230 or MATH 231)</i>	800	3	Number Theory	M WR	0800P	0940P	
	Elements, divisibility of numbers, congruences, residues, and forms.							
300418	NUTR 251	800	3	Intro Prin Nutr	T R	0900A	1140A	GHA
	The nutrients: food sources and physiological functions as related to human growth and well-being throughout life; current nutrition issues. Students who have passed NUTR 151 may not schedule this course.							
300427	STAT 200 <i>*(2 units in algebra)</i>	800	4	Elem Statistics	M WR	0600P	0835P	GQ
	Descriptive statistics, frequency distributions, probability, binomial and normal distributions, statistical inference, linear regression, and correlation.							

## 2<sup>nd</sup> FIVE WEEK SESSION

Registration: Monday, February 02 through July 06  
Classes Begin: Monday, July 05  
Classes End: Thursday, August 06  
Final Exams: Last Day of Class

\* For courses following **typical** 2<sup>nd</sup> 5 Week Session dates:  
Drop/Add Deadline: Tuesday, July 07  
Late Drop Deadline: Thursday, July 30  
For courses with **different** beginning/ending dates, please check eLion or call the Registrar's Office, 724-334-6040

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
314257	ART 050	520	3	Intro Painting	TWR	1000A	0300P	GA
	Introductory experience in making of art through painting media; designed for non-majors seeking a general overview of studio practice.							
300370	ECON 004	520	3	Macroec Anly	MT R	0900A	1150A	GS
	National income measurement; aggregate economic models; money and income; policy problems.							
300376	ENGL 202C <i>*(ENGL 015 or ENGL 030; fourth-semester standing)</i>	520	3	Technical Writing	MT R	0600P	0850P	GWS
	Writing reports for students in scientific and technical disciplines. (A student may take only one course for credit from ENGL 202A, 202B, 202C, and 202D.)							
300379	ENGL 202D <i>*(ENGL 015 or ENGL 030; fourth-semester standing)</i>	520	3	Business Writing	MT R	0600P	0850P	GWS
	Writing reports and other common forms of business communication. (A student may take only one course for credit from ENGL 202A, 202B, 202C, and 202D.)							
300385	HD FS 129	520	3	Intro to HD FS	M WR	0600P	0850P	GS
	Introduction to psychosocial and family development at all stages of the individual and family life cycle.							

## CREDIT COURSES OFFERED THROUGH CONTINUING EDUCATION

SCHED NO	COURSE	SEC.	CR.	TITLE	DAYS	BEGIN TIME	END TIME	GEN ED/DF
<b>AT PENN STATE NEW KENSINGTON CAMPUS</b>								
318658	METEO 003 (5/21-7/9/09 Part Web)	230	3	Intro Meteo	R	0600P	0930P	GN
Nontechnical treatment of fundamentals of modern meteorology and the effects of weather and climate. A student who took METEO 002 may take the laboratory part of this course for 1 credit only.								
<b>AT RLA IN CRANBERRY TWP</b>								
318796	CAS 283 (5/20-7/8/09 Part Web)	150	3	Comm & Info Tech I	W	0600P	0930P	
Introduction to communication technology and information management; intended for students in the Liberal Arts.								
318784	CRIMJ 100 (5/21-7/9/09 Part Web)	150	3	Intro to Crim Justice	R	0600P	0930P	GS
Juvenile conduct, causes of delinquency, current methods of treatment; organization and function of agencies concerned with delinquency.								
318817	GEOG 010 (5/19-7/7/09 Part Web)	150	3	Intro Phys Geog	T	0600P	0930P	GN
Survey and synthesis of processes creating geographical patterns of natural resources, with application of basic environmental processes in resource management.								
318850	HIST 011 (5/18-6/11/09)	150	3	World History II	TWRF	0900A	1200P	GH IL
Survey and synthesis of processes creating geographical patterns of natural resources, with application of basic environmental processes in resource management.								
<b>AT PITTSBURGH MILLS MALL</b>								
318742	ECON 004 (5/21-7/9/09 Part Web)	190	3	Macroec Anly	R	0600P	0930P	GS
National income measurement; aggregate economic models; money and income; policy problems.								
318763	PSYCH 100 (5/19-7/7/09 Part Web)	190	3	Intro Psychology	T	0600P	0930P	GS
Introduction to general psychology; principles of human behavior and their applications.								
<b>AT ALCOA CENTER</b>								
318607	NURS 497B (6/22-26/09)	710	4	Perioperative Nurs	MTWRF	0800A	0500P	
Comprehensive introduction to the fundamental principles and practices of the operating room nurse, when managing the care of the surgical patient.								
<b>AT WCCC YOUNGWOOD</b>								
320929	SOC 207 (5/20-7/8/09 Part Web)	750	3	Research Methods	W	0600P	0930P	
Experiential-based course covering the four main social research methods: available data, survey research, experiments, and field research. <i>*(Prerequisite: 3 c</i>								