

# Back Country Briefs

Choose from this selective list for serious students... full or part time.



Penn State/Wilkes-Barre offers these carefully chosen courses leading to degrees, personal enrichment, and professional advancement.

COURSE	CREDITS	DAYS	TIMES
<b>BROADCASTING</b>			
Effective Speech	3	MWF	9:25-10:40 a.m. or 10:50 a.m.-12:05 p.m. or 1:20-2:35 p.m.
Radio and Television Studio Operations	3	MW	9:25 a.m.-12:05 p.m.
Survey of Broadcasting	3	MWF	1:20-2:35 p.m.
Radio Programming, Production, and Performance	3	TTh	1:20-4:00 p.m.
<b>BUSINESS</b>			
Introductory Managerial Accounting	3	MW	4:10-5:50 p.m.
Legal Environment of Business	3	TTh	4:10-5:50 p.m.
<b>ENGINEERING</b>			
Physiological Transducers (Biomedical Equipment Technology)	3	M and W	9:25-10:40 a.m. or 10:50 a.m.-12:05 p.m.
Selected Topics in Biomedical Equipment Technology	3	MWF	8:00-9:15 a.m.
Plane Surveying (Civil Engineering)	3	MWF	(Call for Schedule)
Special Surveys (Civil Engineering)	3	M and T	2:45-6:50 p.m.
Cartographic Techniques (Civil Engineering)	2	and Th	1:20-2:35 p.m.
Fundamentals of D.C. Circuits	3	MF	9:25-10:40 a.m.
A.C. Circuits	2	and T	2:45-5:25 p.m.
A.C. and Electronics Laboratory	2	MF	10:50 a.m.-12:05 p.m.
D.C. Circuits Laboratory	2	and Th	1:20-2:35 p.m.
Fundamentals of Semiconductors	3	T	10:50 a.m.-12:05 p.m.
Engineering Drawing	2	and F	1:20-2:35 p.m.
Spatial Analysis (Engineering Drawing)	2	or MTh	8:00-10:00 p.m.
Advanced Engineering Drawing	3	(Call for Schedule)	
Statics (Engineering Mechanics)	3	M	2:45-5:25 p.m.
Basic Mechanics	2	and T	1:20-2:35 p.m.
Strength and Properties of Materials	3	or MTh	1:20-2:35 p.m.
Engineering Orientation	1	MWF	6:00-8:00 p.m.
Industrial Organization and Administration	3	or MTh	10:50 a.m.-12:05 p.m.
<b>ENGLISH AND LITERATURE</b>			
Basic Writing Skills	3	MWF	8:00-9:15 a.m. or 10:50 a.m.-12:05 p.m. or 1:20-2:35 p.m.
Composition and Rhetoric I	3	MWF	8:00-9:15 a.m. or 1:20-2:35 p.m.
Composition and Rhetoric II	3	MWF	8:00-9:15 a.m. or 1:20-2:35 p.m.
Introduction to Literature	3	MWF	8:00-9:15 a.m. or 1:20-2:35 p.m.
Modern American Literature to World War II	3	MWF	8:00-9:15 a.m. or 1:20-2:35 p.m.
Report Writing	3	MWF	10:50 a.m.-12:05 p.m.
French Novel in English Translation	3	MWF	1:20-2:35 p.m.
<b>FINE ARTS</b>			
The Arts	3	MWF	1:20-2:35 p.m.
The Art of the Theatre	3	MWF	8:00-9:15 a.m.
<b>FOREIGN LANGUAGES</b>			
Elementary French	4	MWF	10:50 a.m.-12:05 p.m.
Basic German	3	and T	9:25-10:40 a.m.
Elementary Spanish	4	MWF	9:25-10:40 a.m.
<b>MATHEMATICS</b>			
College Algebra	3	MWF	9:25-10:40 a.m. or 10:50 a.m.-12:05 p.m.
Precalculus Mathematics	3	MWF	9:25-10:40 a.m. or 10:50 a.m.-12:05 p.m.
Elementary Calculus with Analytic Geometry	3	MWF	8:00-9:15 a.m. or 9:25-10:40 a.m.
Differential Equations	3	MWF	8:00-9:15 a.m.
Technical Mathematics	3	MWF	9:25-10:40 a.m. or 10:50 a.m.-12:05 p.m. or 1:20-2:35 p.m.
Technical Calculus	3	or MTh	8:00-10:00 p.m.
Introduction to Algorithmic Processes (Computer Science)	3	MTh	6:00-8:00 p.m.
<b>PHYSICAL EDUCATION</b>			
Volleyball and Soccer	1	MWF	2:45-4:00 p.m.
Flag Football and Soccer	1	MWF	1:20-2:35 p.m.
Fitness and Jogging	1	MWF	2:45-4:00 p.m.
Tennis and Handball	1	TTh	8:00-10:40 a.m.
<b>PHYSICAL SCIENCES</b>			
Structure and Function of Organisms (Biology)	3	MWF	1:20-2:35 p.m.
Life Science (Biology)	3	TTh	2:45-4:00 p.m.
Introductory Chemistry	3	and TW or Th	4:10-6:50 p.m.
Chemical Principles	3	T	10:50 a.m.-12:05 p.m.
Organic Chemistry	3	and Th	2:45-4:00 p.m.
Our Earth (Geoscience)	3	and T or W	2:45-5:25 p.m.
Technical Physics	3	MWF	2:45-4:00 p.m.
General Physics	4	and Th	4:10-5:25 p.m.
Introductory Physics	4	and W or F	9:25-10:40 a.m.
<b>SOCIAL SCIENCES</b>			
Introductory Macroeconomics Analysis and Policy	3	MWF	10:50 a.m.-12:05 p.m.
Principles of Economics	3	MWF	4:10-5:25 p.m.
History of the United States to 1865	3	MWF	10:50 a.m.-12:05 p.m.
Values of the Western Cultural Heritage	3	MWF	9:25-10:40 a.m.
The Mass Media and Society	3	MWF	2:45-4:00 p.m.
American National Government	3	W	8:00-9:15 a.m.
Psychology	3	and Th	8:00-10:40 a.m.
Laboratory Experimentation (Psychology)	4	MWF	1:20-2:35 p.m.
Introductory Sociology	3	M	4:10-5:25 p.m.
Religion in American Life and Thought	3	and TTh	1:20-2:35 p.m.

Registration for all classes will be held on Friday, Sept. 5. Full-time and part-time students who have not preregistered must call the Admissions Office at 675-2171 prior to registration day. All classes begin during the week of Sept. 8. Final day of classes is Nov. 14; final exams will be given Nov. 17-19. Cost: \$52 per credit.

Don't delay... get full information. Call John Murphy at 675-2171. Just a phone call can make a big difference in your future!

**Penn State/Wilkes-Barre**  
P.O. Box 1830, Wilkes-Barre, Pa. 18708

Annual family picnic for members of Blessed Sacrament R.C. Church of Centermoreland and its sister parish, St. Frances X. Cabrini R.C. Church of Carverton, will be held Sunday at the Franklin Township fire hall in Orange. Day's activities will get underway with a mass to be offered by Rev. Father Hugh McGroarty, pastor, at 12:30.

Peter Acardi of the Baptist Bible College at Clarks Summit will conduct evangelistic services Friday, Saturday and Sunday in Northmoreland Baptist Church at Centermoreland. The services will open tomorrow evening with a covered dish supper at 6 for friends and members of the church. Evangelistic services will be held tomorrow and Saturday evenings at 7; Sunday morning at 11 and Sunday evening at 7:30. Rev. James May is pastor of Northmoreland Baptist Church.

Annual Fall Festival of East Dallas United Methodist Church will be held on Saturday, Sept. 13, from noon to 7 in the evening at the church grounds.

Administrative board of Centermoreland United Methodist church will meet tonight at 8 at the church.

Mrs. Florence Shively, Carverton, came home on Sunday after an eight-day stay in Nesbitt Memorial Hospital, Kingston. She was reported as much improved on Tuesday.

Friends of Jack Zarno, son of Mr. and Mrs. John Zarno, Sr. of Orange, will be glad to learn he is coming along nicely in Geisinger Hospital, Danville, where he underwent surgery on Tuesday, Aug. 26. He is expected home this week - in time to celebrate his 35th birthday anniversary on Sunday.

Mr. and Mrs. Sharp Cyphers of Sickler Road are rejoicing over the birth of a grandson, born Friday morning in Wyoming Valley Hospital, Wilkes-Barre, to their son-in-law and daughter, Mr. and Mrs. Thomas Johnson of Beaumont. The youngster is the third child for the Thomas Johnsons. He has a brother, Seph, and a sister, Jill. Mrs. Johnson is the former Miss Sally Cyphers. Johnson is the son of Mr. and Mrs. Warren Johnson of Beaumont.

It's nice to report that Herman Coon of Carverton is coming along nicely in Wilkes-Barre General Hospital where he has been a medical patient since Tuesday, Aug. 26, though he will remain a patient at the hospital for sometime. His many friends extend best wishes for a complete recovery and early return home.

Mrs. Sharp (Doris) Cyphers of Sickler Road returned home on Sunday from Nesbitt Memorial Hospital in Kingston where she had been a medical patient for more than a week.

Midweek Bible Study will resume Wednesday (Sept. 10) from 10:30 to noon in Carverton UM Church. Everyone is welcome to attend.

Members of Carverton United Methodist Church are completing plans for a soup dinner to be held Friday evening, Sept. 19, with serving beginning at 5. Takeouts will be available from 4:30 and can be called into 675-4264 or 333-4837. Menu will include table beef soup, beverage

## 380 fire fighters complete class

Approximately 380 firefighters from the 75 municipalities and contiguous areas in Luzerne County have benefitted from the Luzerne County Community College credit and non-credit fire science technology courses since the start of the program one year ago.

The fire science technology program at the community college is designed to provide continuing education and professional development for firemen who are employed on a full-time basis or as volunteers, and provide career training for those seeking to become full-time or volunteer firemen or pursue a career in fire protection and prevention with government, industry and the insurance field.

Introduction to Fire Protection, Building Codes and Construction, and Hazardous Materials will be offered in the evening fall semester at the community college.

Introduction to Fire Protection will be offered on Wednesdays, from 6:30 to 9 p.m., at the main campus. This course will cover the history and development of fire protection, municipal fire defense and organization, and the fundamental principles, theory, techniques, and procedures of the fire service.

Building Codes and Construction will be offered at 6:30 to 9 p.m., at the main campus on Tuesday; Wilkes-Barre

Fire Department headquarters on Mondays; Dallas Senior High School on Wednesdays; and Hazleton Vo-Tech School on Thursdays.

Hazardous Materials will be offered at 6:30 to 9 p.m., at the main campus on Thursdays; Wilkes-Barre Fire Department Headquarters on Wednesdays; Dallas High School on Tuesdays; and Hazleton Voc-Tech School on Mondays.

Hazardous Materials will cover the study of chemical characteristics and reaction to storage, transportation and handling hazardous materials, flammable liquids, combustible solids, oxidizing and corrosive materials, and radioactive compounds. Emphasis will be placed on emergency situations, firefighting, and control.

Individuals interested in the program have the option of taking only a few courses, completing a 30 credit program leading to a Certificate of Specialization, or completing a 60-credit program leading to an associate degree.

Coordinating the fire science technology program at the community college is John Turner, of Shavertown.

Registration for all evening courses will be held at the main campus, on Wednesday and Thursday, Aug. 20 and 21, from 6:30 to 8:30 p.m.; or at the six off-campus centers on Wednesday and Thursday, Aug. 27 and 28, 6:30 to 9 p.m.

and pie. Choirs of Carverton and Orange United Methodist Churches will rehearse this evening at 7 in their respective churches.

Rev. Fred Eister of Wyoming, a retired United Methodist minister, was the guest preacher at the final vesper service of the summer at the Wyoming campground Sunday evening.

Sincere sympathy is extended the family of Mrs. Mae Phillips of Demunds, who passed away Monday evening in Wilkes-Barre General Hospital where she had been a medical patient for several weeks. Funeral arrangements had not been completed at presstime. Mrs. Phillips was a member of Orange United Methodist Church and active in its various women's groups. A daughter, Mrs. Harold (Edie) Shupp of Demunds and a son, Robert Phillips of Centermoreland, are among her survivors.

Pairs and Spares Class of Carverton United Methodist Church will meet tomorrow evening at 8 in the church. George Parrish, president, will preside.

Members of the six area United Methodist Churches will join with other Back Mountain UM Churches in the opportunity to meet the new United Methodist bishop, Rev. John B. Warman, at a 'get acquainted night' on Friday evening, Sept. 12, at 7:30 in Shavertown United Methodist Church. All UM laity are welcome to attend.

First Friday mass in St. Frances X. Cabrini R.C. Church at Carverton will be offered tomorrow evening at 6:30. Rev. Father Hugh McGroarty, pastor, has announced. First Friday mass in Blessed Sacrament R.C. Church at Centermoreland tomorrow evening will be offered at 7:30.

United Methodist women of Centermoreland UM Church will meet Monday evening at 7:30 at the church.

"The clouds may have passed on" for the family of Mr. and Mrs. Harold Rought of Centermoreland. Mrs. Rought came home on Sunday after a 12-day stay as a medical patient in Nesbitt Memorial Hospital, Kingston, and is coming along nicely at home. Mr. Rought underwent surgeries on Thursday and Saturday at Nesbitt Memorial Hospital and was reported in an improved condition Tuesday morning. He has been a patient at Nesbitt Hospital for two weeks.

Holiday guests at the home of Mr. and Mrs. Louis DeRemer of Vernon included Mr. and Mrs. Joseph Woychick and children, Joseph, Jr. and Wanda of Lehman; Mr. and Mrs. George Moran and children, George, Jr. and Jeanie of Hunlocks Creek, and Mr. and Mrs. Richard Hadsall and sons Kyler and Jesse of Beaumont.

The Belltones will render a 'Gospel Concert' in Centermoreland United Methodist Church on Sunday evening, Sept. 14, at 7:30.

September board meeting of Northmoreland Baptist Church at Centermoreland will be held Wednesday evening, Sept. 17. Business meeting for officers of the church will be held Wednesday evening, Sept. 24.

## Spiritwood to perform

Spiritwood, a musical duet, will present a free public concert at Penn State-Wilkes-Barre at 11:30 a.m. on Wednesday, Sept. 17.

Spiritwood consists of Lee MacWhorter and Larry Lawson, and their concert will include Appalachian, English, and Irish traditional songs.

They will sing and accompany themselves on such instruments as

acoustic guitar, piano, clawhammer, banjo, mandolin and harmonica.

They have performed widely in the East and Midwest, and their concerts have been particularly popular on college campuses.

Their concert at Penn State-Wilkes-Barre will be held in the Hayfield House on the campus in Lehman. It is open to the public free of charge.

## Nesbitt plans diabetes program

Nesbitt Memorial Hospital continues its series of lectures on diabetes to area residents. Two more sessions are scheduled for Sept. 18 and Oct. 16 at 7 p.m. in the Nesbitt Medical Arts Bldg., 534 Wyoming Ave., Kingston.

Today with Diabetes will be Mrs. Mary Stoneham, R.N. and Miss Mary L. Jones, R.D.

Subjects to be discussed include the nature of diabetes; its symptoms. Instructors for Living and care; the use of insulin and its relation to food intake and exercise; techniques of insulin administration and care of equipment; the nature of urine testing for

diabetes; skin care and hygiene for individuals confronted with diabetes; insulin shock and diabetic acidosis and recognition of symptoms.

Information will be offered on development of a balanced diet and the value of a new exchange system. Participants will learn of the causes of low blood sugar, the effect of obesity on diabetes; special treats for the diabetic patient, cooking methods that will benefit the diabetic and the family.

Classes are offered to all residents without charge and are sponsored jointly by the education and dietary departments of Nesbitt Memorial Hospital.

## MH/MR board to Meet Sept. 4

The West Side MH-MR Advisory Board will hold its monthly meeting on

Thursday, Sept. 4, 7:30 p.m., at 1003 Wyoming Ave., Forty Fort.

## Dietetic jam recipes

### STRAWBERRY JAM WITH PECTIN

(makes two and two thirds cups)  
1 qt. cleaned strawberries  
¾ t. liquid artificial sweetener  
1 ¾ oz. pkg powdered fruit pectin  
1 T. lemon juice  
Red food coloring as desired.

Crush strawberries in 1½ quart saucepan. Stir in artificial sweetener, food coloring, powdered fruit pectin and lemon juice. Bring to a boil and boil

one minute. Remove from heat. Continue to stir two minutes. Pour into freezer containers, cover and freeze. Thaw before serving. Store in refrigerator after opening. (1 tablespoon equals 5 calories)

### STRAWBERRY JAM WITH GELATIN

(makes one pint)  
1½ t. unflavored gelatin  
1½ T. cold water  
3 c. strawberries, crushed  
1½ T. liquid sweetener  
¼ t. ascorbic acid powder

Red food coloring as desired

Soften gelatin in cold water. Combine strawberries and sweetener in a saucepan. Place over high heat and stir constantly until mixture comes to a boil. Remove from heat, add softened gelatin. Return to heat and continue to cook one minute. Remove from heat; blend in ascorbic acid powder and food coloring. Ladle into clean jars; seal. Store in refrigerator or freezer. (1

tablespoon equals calories.)

If you decide to use powdered sweetener read the directions for equivalents of dry and liquid sweeteners.

If you are interested in additional information write or call (Dietic Jams and Jellies) in care of the Luzerne County Cooperative Extension Service, Courthouse Annex, 5 Water Street, Wilkes-Barre, PA 18702. Phone: 822-1109 or 455-4141.