

School of Agriculture, Fisheries, and Human Sciences

Department of Agriculture  
Textbooks for Fall 2010

AGRI 1301, Foundation of Education/Agri., Dr. Usman Adamu (Instructor)

Phipps, Lloyd J. and Edward W. Osborne (1999). Handbook on Agricultural Education in Public Schools. Interstate Printers and Publishers. Danville, IL.  
(ISBN: 9780813427744)

Sadker, M. P. and D. M. Sadker (2000). Teachers, Schools and Society. McGraw-Hill Companies, Inc. New York, NY. (ISBN: 9780073331614)

AGRI 1321, Animal Science, Dr. Dennis O. Balogu (Instructor)

Shapiro, Leland (2006). Introduction to Animal Sciences (W/CD). Prentice-Hall. New Jersey. (ISBN: 1031189328)

Stephen, Damron W. Introduction to Animal Science: Global, Biological, Social and Industry Perspectives (3<sup>rd</sup> ed.). Oklahoma State University.  
(ISBN: 9780131189324)

AGRI 2310, Plant Pathology, (Dr. Md. Jalaluddin (Instructor)

Schumann, Gail L. and Clearo J. D'Arcy. Essential Plant Pathology. American Phytopathological Society Press. (ISBN: 9780890543429, ISBN: 0890543429)

AGRI 2311, Introduction to Agri. Engineering, Mr. Robert Fitz (Instructor)

Herren, Ray V. (2006). Agriculture Mechanics Fundamentals and Applications (5<sup>th</sup> ed.). Cengage Delmar Learning. (ISBN: 9781401859565)

AGRI 2312, Principle Agricultural Economics, Ms. Shannon Hendrix (Instructor)

Person, Capps, Rosson and Woodard (2006). Introduction to Agricultural Economics (4<sup>th</sup> ed.). Prentice Hall. (ISBN: 9780131173125)

AGRI 2331, Introductory Soils, Dr. Sixte Ntamatungiro (Instructor)

Bennett, William F., Cary J. Green, Aga Ravzi (2008). Soil Science Simplified (5<sup>th</sup> ed.). Wiley-Blackwell. (ISBN: 9780813818238)

AGRI 3101, Agricultural Education Seminar, Dr. Usman Adam (Instructor)

Newcomb, L. H., J. D. McCracken and J. R. Warmbrod (1986). Methods of Teaching Agriculture. Interstate Printers and Publishers. Danville, IL.  
(ISBN: 9780131134188)

AGRI 3231, Rural Electrification, Mr. Robert Fitz, (Instructor)

Herren, Ray V. (2006). Agriculture Mechanics Fundamentals and Applications (5<sup>th</sup> ed.). Cengage Delmar Learning. (ISBN: 1401859569)

AGRI 3306, Weed Science, Dr. Shadhidul Islam (Instructor)

Ross, Merrill A. and Carole A. Lembi (2009). Applied Weed Science (3<sup>rd</sup> ed.). Prentice

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Hall. New Jersey. (ISBN:9780135028148)

AGRI 3310, Animal Nutrition, Dr. Ondieki J. Gekara (Instructor)

Pond, W. G., D. C. Church, K. R. Pond and P. A. Schoknecht (2005). Basic Animal Nutrition and Feeding (5<sup>th</sup> ed.). John Wiley & Sons, Inc. Hoboken, New Jersey. (ISBN: 9780471215394)

AGRI 3312, Administrative Law, Gov. Proceedings, Mrs. Alicia Farmer (Instructor)

Hall, Daniel E. (2006). Administrative Law: Bureaucracy in a Democracy (3<sup>rd</sup> ed.). Prentice Hall, New Jersey. (ISBN: 9780131184329)

AGRI 3316, Agriculture Engineering Tech II, Mr. Robert Fitz (Instructor)

Herren, Ray V. (2006). Agriculture Mechanics Fundamentals and Applications (5<sup>th</sup> ed.). Cengage Delmar Learning. (ISBN:1401859569)

AGRI 3325, Agricultural Marketing, Dr. Tracy V. Dunbar (Instructor)

Schrimper, Ronald (2001). The Economics of Agricultural Markets. Prentice Hall. Upper Saddle River, New Jersey. (ISBN: 9780137757876)

AGRI 3326, Science of Crop Production, Dr. Mohammad Jalaluddin, (Instructor)

Acquaah, George (2004). Principles of Crop Production: Theory, Techniques and Technology. Prentice Hall. New Jersey. (ISBN: 9780131145566)

AGRI 4202, Senior Seminar, Dr. Shadrach Okiror (Instructor)

Okiror, Shadrach, Janet Wheat and Peter Perschbacher. Senior Seminar Readings. University of Arkansas at Pine Bluff Printing Services.  
*Textbook is not required.*

AGRI 4301, Soil and Plant Analysis, Dr. Sixte Ntamatungiro (Instructor)

Laboratory Guide for Conducting Soil Tests and Plant Analysis. J. Benton Jones, Jr. CRC Press. (ISBN: 0849302064)

AGRI 4321, Quality Assurance Meat, Grain and Prod. (Dr. Dennis Balogu (Instructor)

Romans, John R., William J. Costello, C. Wendell Carlson, Marion L. Greaser and Kevin Jones. (2001). The Meat We Eat. (14<sup>th</sup> ed.). Danville, Illinois: Interstate Publishers, Inc. (ISBN: 9780813431758)

AGRI 4331, Risk Communication/Assess, Mrs. Alicia Farmer, (Instructor)

Lungren, Regina and Andrea McMakin. Risk Communications (3<sup>rd</sup> ed.). Battelle Press. (ISBN: 9781574771428)

AGRI 4385, Industrial/Agri/Mun/Pollution, Dr. Edmund Buckner, (Instructor)

Nathanson, Jerry A. (2002). Basic Environmental Technology:Water Management and Pollution Control (4<sup>th</sup> ed.). Prentice Hall Publishing. ( ISBN:9780536321459).

AGRI 4411, Farm Management, Dr. Tracy V. Dunbar (Instructor):

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Kay, Ronald D. and Williams M. Edwards (2008). Farm Management (6<sup>th</sup> ed.). McGraw Hill Series in Agricultural Economics. (ISBN: 9780073028293)

GAGRI 5400 Molecular Biology, Dr. Muthusamy Manoharan (Instructor)

Malacinski, G. M. (2003). Essentials of Molecular Biology, (4<sup>th</sup> ed.).  
Jones and Barlett Publishers, Boston, MA. (ISBN:0763721336)

GAGRI 6001, Agri/Env/Reg/Prac/Sem, Dr. Muthusamy Manoharan (Instructor)

*Textbook is not required.*

GAGRI 6320, Food Safety (Web), Dr. Jaheon Koo, (Instructor)

*Textbook is not required.*

**Department of Aquaculture/Fisheries**  
**Textbooks for Summer & Fall 2010**

Summer I 2010

1. GAQF\* 5208\*01 Nonparametric Methods/Data Analysis
  - Introduction to Modern Nonparametric Statistics. 2004 First Ed. Higgins. Science and Math. ISBN#0534387756
  - SAS Companion for Nonparametric Statistics. 2006 First Ed. Richter/Higgins. Science and Math. ISBN#0534422209
2. GAQF\* 5390\*01 Special Topics/Aquatic Toxicology
  - Fundamentals of Aquatic Toxicology. Gary M. Rand. ISBN#1-56032-091-5
3. GAQF\* 5391\*01 Special Topics/Mathematical Programming
  - Applied Mathematical Programming Using Algebraic Systems. Bruce A. McCarl and Thomas H. Spreen.  
<http://agecon2.tamu.edu/people/faculty/mccarl-bruce/books.htm>  
(downloadable Textbook)

Summer II 2010

1. GAQF\* 5208\*01 Nonparametric Methods/Data Analysis
  - Introduction to Modern Nonparametric Statistics. 2004 First Ed. Higgins. Science and Math. ISBN#0534387756
  - SAS Companion for Nonparametric Statistics. 2006 First Ed. Richter/Higgins. Science and Math. ISBN#0534422209
2. GAQF\* 5315\*01 Aquaculture Extension
  - (No Textbooks)

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Fall 2010

1. AQFI\* 1102\*01 Topics/Aquaculture/Fisheries
  - (NoTextbooks)
2. AQFI\* 2247\*01 Fisheries Techniques
  - Fisheries Techniques. 1996 Second Ed. Murphy. American Fisheries Society. ISBN#9781888569001
3. AQFI\* 2253\*01 Biology of Fishes
  - (No Textbooks)
4. AQFI\* 3329\*01 Limnology
  - Applied Aquatic Ecosystem Concepts. 2004 Second Ed. Mackie. ISBN#9780757508837
5. AQFI\* 4322\*01 Econ/Aqua/Natural Resources
  - (No Textbooks)
6. AQFI\* 4336 and GAQF\*5336 Aquatic Animal Nutrition
  - Nutrient Requirements in Feeding of Finfish. 2002. Webster. ISBN#9780851995199
  - Nutrient Requirements of Fish (Available free online). ISBN#9780309048910
7. GAQF\* 5405\*01 Statistics in Research
  - Biostatistical Analysis. 2010 Fifth Ed. Jerrold H. Zar. Prentice Hall, Upper Saddle River, New Jersey.
  - Applied Statistics and the SAS Program Language. 2006 Fifth Ed. Ronald P. Cody and Jeffery K. Smith. Prentice Hall, Upper Saddle River, New Jersey. ISBN#0-13-146532-5
  - Statistics for Aquaculture. 2009. R. C. Bhujel
8. GAQF\* 5323\*01 Aquatic Marketing
  - Aquaculture Marketing Handbook. 2006. Engle C. R. and K. Quagraine. Blackwell Publishing. ISBN#0-8138-1604-1
  - Hall Varian. 2010. Intermediate Microeconomics: A Modern Approach. Eighth ed. W.W. Norton and Company. ISBN#978-0-393-93424-3
  - Carl McDaniel, Jr. Marketing Research Essentials with SPSS, Seventh Ed. John Wiley & sons Inc. ISBN#978-0-470-16970-4
9. GAQF\*5325\*01 Fish Population Dynamics

University of Arkansas at Pine Bluff  
Textbook RE: Implementation of Act 175 of 2007  
Summer and Fall 2010

- (No Textbooks)

10. GAQF\* 5441\*01 Aquatic Chemistry

- Boyd, C.E. and C.S. Tucker. 1998. Pond Aquaculture Water Quality Management. Springer Publishing. ISBN-10:0412071819 ISBN-13:978-0412071812
- Stumm, W. and J.J. Morgan. 1996. Aquatic Chemistry. Third Ed. John Wiley & Sons. 1022 pp. ISBN-10:0471511854 ISBN-13:978-0471511854
- Vernon L. Snoeyink and David Jenkins. 1980. Water Chemistry. John Wiley and Sons. ISBN-10:0471051969 ISBN-13:978-0471051961
- Clair N. Sawyer, Perry L. McCarty, Gene F. Parkin. Chemistry for Environmental Engineering and Science. McGraw-Hill Education Singapore; 5<sup>th</sup> edition (September 1, 2002) ISBN-10:0071230459 ISBN-13:978-0071230452

Department of Human Sciences  
Textbooks for Summer & Fall 2010

Summer I/2010

- HUSC 1311: Nutrition and Wellness  
Sizer, F. & Whitley, E (2006). *Nutrition concepts and Controversies*, 11TH Edition. Thomson Learning, Inc., Belmont, CA.  
**ISBN: 970-0-495-553052, ISBN: 0-495-55305-0**
- HUSC 2300: Family Development  
Lamanna, M. A. & Riedmann, A. (2009). *Marriages and families: Making choices in a diverse society*, (10th Ed.). Belmont, CA: Wadsworth Publishing Co.  
**ISBN: 978-0-495-39092-3, ISBN: 978-0-495-50405-4**
- HUSC 2300: CDA Professional  
**ISBN: ESSENT 2**
- HUSC 4601: Merchandising Text/Des/Intrns  
Granger, M.M., (2010). *The Fashion Intern*. Fairchild Publishing  
**ISBN: 978-1-56367-910-0**

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Summer II/2010**

- HUSC 2340: Adolescent /Adult Development  
Feldman, R. S. (2008). *Development across the life-span*. (5th Ed.).  
New Jersey: Pearson Education, Inc. (Prentice Hall).  
**ISBN: 978-0-13-601610-6, ISBN:0-13-601610-3**
- HUSC 3325: Maternal and Developmental Nutrition  
Brown, J. E. (2008). *Nutrition: Through the life cycle*, 3<sup>rd</sup> Edition, Thomson Publisher Co.  
**ISBN: 0-495-11652-1**
- HUSC 3341: Parenting Education  
Brooks, J. B. (2008). *The process of parenting*. (7th Ed). New York,  
NY: McGraw-Hill Companies, Inc.  
**ISBN: 9780073131450**

**Fall 2010**

- HUSC 1102: Orientation to Human Sciences  
Kato, L. S. (2008). *Foundations of family and consumer sciences: Careers serving individuals, families, and communities*. The Goodheart-Wilcox Company, Inc. Tinley Park, IL  
**ISBN 978-1-59070-812-5**
- HUSC 1200: Applied Food Service Sanitation  
National Restaurant Association Educational Foundation,(2008).  
*ServSafe essentials*, 5<sup>th</sup> edition. NRAEF, Chicago.  
**ISBN: 0135026547, ISBN: 9780135026540**
- HUSC 1231: Cultural & Social Aspects of Food  
Bryant, CA, et al. (2003) *The cultural feast*, 2<sup>nd</sup> Edition,  
Thomson/Wadsworth Publishing Co.  
**ISBN: 0534525822**
- HUSC1300: Survey of the Hospitality Industry  
Brymer, RA and Hashimoto, Kathryn. (2008), *Hospitality: An Introduction*, 13<sup>th</sup> Edition, Kendall/Hunt Publishing Company, Dubuque, Iowa.  
**ISBN: 978-0-7575-5268-7**
- HUSC 1308: Text/Apparel Select/Design  
Plummer, N. (2009). *Your personal style*.  
**ISBN: 978-1-56367-590-4**
- HUSC 1311: Nutrition and Wellness  
Sizer, F. & Whitley, E (2006). *Nutrition concepts and controversies*, 11TH Edition. Thomson Learning, Inc., Belmont, CA.  
**ISBN: 970-0-495-553052, ISBN: 0-495-55305-**

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

- HUSC 1312: Basic Textiles  
Cohen, Allen and Johnson, Ingrid. J.J. (2010) *Pizzuto's fabric science*. New York: Fairchild Publications  
**ISBN: 978-1-56367-857-8**
- HUSC 1340: Child Development I  
Feldman, R. S. (2008). *Development across the life-span*. (5th Ed.). New Jersey: Pearson Education, Inc. (Prentice Hall).  
**ISBN: 978-0-13-601610-6, ISBN: 0-13-601610-3**
- HUSC 1412: Food Principles and Management  
Brown, A. (2007) *Understanding food: Principles and preparation*, 2<sup>nd</sup> Edition. Thomson/Wadsworth Publishing Co.  
**ISBN: 049510745X**
- HUSC 2320: Principles of Apparel Design  
Armstrong, H.J., (2010). *Patternmaking for Fashion Design*, Pearson Publishing  
**ISBN: 978-0-12-501876-7**
- HUSC 2321: Elementary Nutrition  
Bredbenner, C.B., Beshgetoor, D., & Berning, J. (2009). *Wardlaw's perspectives in nutrition*, 8<sup>th</sup> ed. McGraw Hill, NY  
**ISBN 978-0-07-727073-5**
- HUSC 2340: Adolescent /Adult Development  
Feldman, R. S. (2008). *Development across the life-span*. (5th Ed.). New Jersey: Pearson Education, Inc. (Prentice Hall).  
**ISBN: 978-0-13-601610-6, ISBN: 0-13-601610-3**
- HUSC 2342: Into/Apparel/Ind  
Stone, Elaine. (2008). *The Dynamics of Fashion*. 2<sup>nd</sup> edition. New York: Fairchild.  
**ISBN: 978-1-56367-686-4**
- HUSC 3300: Family Dynamics  
Galvin, K. M., Bylund, C. L., & Brommel, B. J. (2008). *Family communication: Cohesion and change*. (7<sup>th</sup> Ed.). New York: Harper Collins.  
**ISBN: 0-205-49822-1-1, ISBN: 978-0-205-49822-2**
- HUSC 3325: Maternal and Developmental Nutrition  
Brown, J. E. (2008). *Nutrition: Through the life cycle*, 3<sup>rd</sup> Edition, Thomson Publisher Co.  
**ISBN: 0-495-11652-1**
- HUSC 1311: Nutrition and Wellness  
Sizer, F. & Whitley, E (2006). *Nutrition Concepts and controversies*, 11TH Edition. Thomson Learning, Inc., Belmont, CA.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**ISBN: 970-0-495-553052, ISBN: 0-495-55305-0**

- HUSC 3362: Consumer Economics  
Zelenak, M. J., & Relboldt. W. (2009). *Consumer economics: The consumer in our society*. Holcomb Hathaway, AZ.  
**ISBN 978-890871-94-9**
- HUSC 3366: Fundamentals of Financial Planning  
Kapoor, J. R., Dlabay, L. R., & Hughes, R. J. (2008). *Focus on personal finance*, 2<sup>nd</sup> edition. New York, NY: The McGraw-Hill Companies, Inc.  
**ISBN 978-0-07-338242-5**
- HUSC 4330: Community Nutrition  
Boyle, M.A. & Holben, D.H., (2006). *Community nutrition in action: An entrepreneurial approach*, 4<sup>th</sup> edition. West/Wadsworth, NY.  
**ISBN: 0495559016, ISBN:9780495559016**
- HUSC 4341: Nutrition in Disease II (Part I & Part II)  
Mahan, L. K., & Escott-Stump, S. (2008) *Krause's food and nutrition therapy*. W.B. Saunders Company, PA.  
**ISBN: 978-1-4160-3401-8**
- HUSC 4399: Human Sciences Research  
Greenshein, T. (2006). *Methods of family research*. Sage Publication  
**ISBN: 9781412916776**
- HUSC 4601: Merchandising Textiles and Design Internship  
Granger, M.M., (2010). *The Fashion Intern*. Fairchild Publishing  
**ISBN: 978-1-56367-910-0**

**School of Arts and Sciences**

**Department of Art**  
**Textbooks for Summer & Fall 2010**

**Summer I**

**ART 2340, Art Appreciation and History**

**Reference:**

Lewis, Richard and Lewis, Susan I. (2009). *Living The Power of Art* (2nd ed). United States: Cengage

**Course Description:** An historical survey course, covering the periods from Paleolithic through the 20<sup>th</sup> Century, with emphasis on the understanding and appreciation of architecture, sculpture, painting, the graphic arts and the minor arts.

**Summer II**



**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**ART 2340, Art Appreciation and History**

Reference:

Lewis, Richard and Lewis, Susan I. (2009). *Living The Power of Art* (2nd ed). United States: Cengage

**Course Description:** An historical survey course, covering the periods from Paleolithic through the 20<sup>th</sup> Century, with emphasis on the understanding and appreciation of architecture, sculpture, painting, the graphic arts and the minor arts.

**Fall 2010 Textbooks**

**Department of Art**

**Art 3360, Contemporary Art History, Mr. Husny Dahlan (Instructor)**

Reference:

Arnason, H. H., and Kalb, Peter (2003). *History of Modern Art*. (5<sup>th</sup> ed.)  
United States: Pearson

**Course Description:** The study of major artistic and historical developments in modern art from the mid 19<sup>th</sup> century to the present with emphasis on painting, sculpture and architecture.

**Art 4310 & 4312 , Ceramics I & II, Mr. Husny Dahlan (Instructor)**

Reference:

Peterson, Susan and Jan (2002) *Working with Clay* (2<sup>nd</sup>. ed.)  
Prentice Hall

**Course Description:** An introduction to the study of ceramics ranging from hand-building and wheel throwing techniques to glazing and firing.

**ART 2340, Art Appreciation and History, Husny Dahlan (Instructor)**

Reference:

Lewis, Richard and Lewis, Susan I. (2009). *Living The Power of Art* (2nd ed). United States: Cengage

**Course Description:** An historical survey course, covering the periods from Paleolithic through the 20<sup>th</sup> Century, with emphasis on the understanding and appreciation of architecture, sculpture, painting, the graphic arts and the minor arts.

**Art 2310, 3-D Design, Husny Dahlan (Instructor)**

Reference:

Stewart, Mary. *Launching the Imagination*, 3<sup>rd</sup> edition (2008). New York: McGraw Hill

**Course Description:** Art 2310 is an introductory course to the fundamentals of three dimensional design. The object of this course is to actively involve students in developing a broad range of technical and conceptual skills in creating functional and sculptural objects.

**ART 3309 Desktop Publishing**

Williams, Robin. 2008. *The Non-Designers Design Book*. (3rd Edition)

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Course Description: This introductory course involves the application and use of computers for the creation and manipulation of type and graphic images. Emphasis will be on a desktop publishing application (Adobe InDesign) with an introduction to photo-imaging and scanning (Adobe Photoshop). At the completion of the course you will have a firm grasp on some of the tools used for desktop publishing and an understanding of the fundamentals of designing page layouts.

**ART 3310 Graphic Design I**

Landa, Robin. 2006. Graphic Design Solutions. (3rd Edition)

Course Description: Introductory course that covers the tools, techniques, and processes associated with Graphic Design problem solving, with an emphasis on typography. Course content includes experience with typography, symbol development, layout design, color application and printing, utilizing Adobe Illustrator, InDesign and Photoshop on the Macintosh computer. Students will be introduced to the commercial printing processes and the preparation of artwork for printing will be discussed.

**ART 4307 Graphic Design II**

Landa, Robin. 2006. Graphic Design Solutions. (3rd Edition)

Course Description: Intermediate course which further explores the fundamentals of graphic design as they relate to modern graphics problems. Graphic Design II students will continue to develop design and computer skills learned in Graphic Design I while working on more advanced projects involving the application of typography and graphics to solve design problems.

**ART 3302 Photography I**

London, B., Stone, J. A Short Course in Photography: An Introduction to Black and White Photographic Technique. 7th edition. Prentice Hall, 2009.

Course Description: This introductory course acquaints the student with basic black and white photography and darkroom techniques and equipment. Course will cover 35mm SLR manual camera operations, as well as film developing and print processing. Students will work on projects that emphasize technical and conceptual aspects of photography as a visual art.

**ART 4324 Web Design**

Gaskill, Dennis. 2008. Web Site Design Made Easy. (3rd Edition)

Course Description: This course will involve the use of Adobe Dreamweaver to create Hypertext Markup Language (HTML) based web pages with an emphasis on design issues specific to the web. Students will continue to use other graphic design tools including Adobe Photoshop. Assignment criteria will emphasize the development of aesthetics, personal expression, critical thinking and technical competence.

**Art 2340, Art Appreciation and History, Dr. William Detmers (instructor)**

Reference:

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Lewis Richard and Lewis, Susan I. (2009). *The Power of Art*. United States: Cengage.

Course Description: An historical survey course, covering the periods from Paleolithic through the 20<sup>th</sup> century, with emphasis on the understanding and appreciation of architecture, sculpture, painting, the graphic and minor arts.

**Art 2360, Methods of Children's Art, Dr. William Detmers (instructor)**

Reference:

Frank Wachowiak and Robert D. Clements. *Emphasis Art (9<sup>th</sup> Ed.)*. New York, Pearson.

Course Description: Lectures, projects and class discussion designed to inform the student about the nature and significance of art experiences in education for children.

**Art 3342 Crafts, Dr. William Detmers (Instructor)**

No textbook required. Instructor produced handouts are available in the studio for student use.

**Art 3351, Art History: African American, Dr. William Detmers (instructor)**

Reference:

-Sharon F. Patton, *African-American Art*, New York: Oxford University Press, 1998.

-Theresa Leininger-Miller, *New Negro Artists in Paris: African American Painters and Sculptors in the City of Light, 1922-1934*, New Brunswick, NJ: Rutgers University Press, 2001.

Course Description: A study of the history and influence of sculpture, painting, etc. by African Americans since slave times, and philosophy of African-American art. Emphasis placed on contemporary African-American artists and their works: sculpture, painting and the graphic arts.

**Department of Biology**  
**Textbooks for Summer & Fall 2010**

**Summer I 2010**

**BIOL 1450, Biological Science, Dr. Joseph Owasoyo (Instructor)**

Reference:

Textbook

Mader, Sylvia S. (2010). *Essentials of Biology (2<sup>nd</sup> Ed)*. McGraw-Hill Publishers

Laboratory Manual

Mader, Sylvia S. (2010). Lab Manual to Accompany *Essentials of Biology, 2<sup>nd</sup> Ed*. McGraw-Hill Publishers.

Course Description: Broad view of modern concepts concerning the processes of life, including human biology, for the non-science major.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**BIOL 3460. Comparative Anatomy. Dr. Martin Matute (Instructor)**

Reference:

Textbook

Kardong, Kenneth. (2009). *Vertebrates: Comparative Anatomy, Function, Evolution*. (4<sup>th</sup> ed.). McGraw-Hill Publishers.

Laboratory Manual

Kardong, Kenneth and Edward J. Zalisko. (2006) *Comparative Vertebrate Anatomy: A Laboratory Dissection Guide*. (4<sup>th</sup> ed.). McGraw-Hill Publishers.

Course Description: Evolutionary approach to the study of structural and functional relationships between representatives of the Chordate Classes.

**Summer II 2010**

**BIOL 1450, Biological Science, Dr. Lawrence Mwasi (Instructor)**

Reference:

Textbook

Mader, Sylvia S. (2010). *Essentials of Biology* (2<sup>nd</sup> Ed). McGraw-Hill Publishers

Laboratory Manual

Mader, Sylvia S. (2010). *Lab Manual to Accompany Essentials of Biology, 2nd Ed*. McGraw-Hill Publishers.

Course Description: Broad view of modern concepts concerning the processes of life, including human biology, for the non-science major.

**Fall 2010**

**BIOL 1450, Biological Science, Mrs. Frankie James, Mr. William Tyler, Dr. Joseph Onyilagha, Dr. Lawrence Mwasi, Dr. Martin Matute, and Dr. Joseph Owasoyo (Instructors).**

Reference:

Textbook

Mader, Sylvia S. (2010). *Essentials of Biology* (2<sup>nd</sup> Ed). McGraw-Hill Publishers

Laboratory Manual

Mader, Sylvia S. (2010). *Lab Manual to Accompany Essentials of Biology, 2nd Ed*. McGraw-Hill Publishers.

Course Description: Broad view of modern concepts concerning the processes of life, including human biology, for the non-science major.

**BIOL 1455. Principles of Biology. Dr. Obadiah Njue and Dr. Anissa E. Buckner (Instructors).**

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Reference:

Textbook

Solomon, Eldra, Linda Berg and Diana W. Martin. (2008). *Biology*. (8<sup>th</sup> ed.) Cengage Learning.

Laboratory Manual

Campbell, Neil A, Jane Reece, Judith G. Morgan, and M. Eloise Brown Carter. (2008).  
*Investigating Biology Laboratory Manual*. (6<sup>th</sup> ed.). Pearson Higher Ed.

Course Description: Basic biological principles and concepts ranging from the molecular to the organismal level, for the science majors.

**BIOL 1460. General Zoology. Dr. Martin Matute (Instructor)**

Reference:

Textbook

Hickman, Cleveland, Larry S. Roberts, Susan L. Keen, Allan Larson, and David J. Eisenhour. (2009). *Animal Diversity* (5.<sup>th</sup> ed.). McGraw-Hill Publishers.

Laboratory Manual

Lytle, Charles F. (2009). *General Zoology Laboratory Guide*. (15<sup>th</sup> ed.). McGraw-Hill Publishers.

Course Description: Evolutionary approach to the classification of all animal phyla from protozoa through vertebrates.

**BIOL 1470. General Botany. Dr. Joseph Onyilagha (Instructor)**

Reference:

Textbook

Stern, Kingsley, James Bidlack, and Shelley Jansky. (2008). *Introductory Plant Biology*. (11<sup>th</sup> ed.). McGraw-Hill Publishers.

Laboratory Manual

Stern, Kingsley, James Bidlack, and Shelley Jansky. (2008). *Laboratory Manual to Accompany Introductory Plant Biology*. (11<sup>th</sup> ed.). McGraw-Hill Publishers

Course Description: Structure, function and classification of vascular and non-vascular plants.

**BIOL 2451. Human Anatomy and Physiology I. Dr. Martin Matute (Instructor)**

Reference:

Textbook

Shier, David, Jackie L. Butler, and Ricki Lewis. (2007). *Hole's Human Anatomy & Physiology*. (11<sup>th</sup> ed.) McGraw-Hill Publishers

Laboratory Manual

Martin, Terry. (2007). *Laboratory Manual to Accompany Hole's Human Anatomy and*

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

*Physiology. (11<sup>th</sup> ed.). McGraw-Hill Publishers.*

Course Description: Structure and function of human systems including the cell, tissues, the integument, skeletal, muscular, nervous, and the general and special senses.

**BIOL 2452. Human Anatomy and Physiology II. Dr. Glen Brown (Instructor)**

Reference:

Textbook

Shier, David, Jackie L. Butler, and Ricki Lewis. (2007). *Hole's Human Anatomy & Physiology. (11<sup>th</sup> ed.). McGraw-Hill Publishers*

Laboratory Manual

Martin, Terry. (2007). *Hole's Human Anatomy and Physiology. (11<sup>th</sup> ed.). McGraw-Hill Publishers.*

Course Description: Structure and function of human systems including circulatory, lymphatic, fluid and electrolyte, urinary, respiratory, digestive, endocrine and reproductive.

**BIOL 3450. Invertebrate Zoology. Mr. William Tyler (Instructor)**

Reference:

Textbook

Pechenik, Jan A. (2005). *Biology of Invertebrates. (5<sup>th</sup> ed.). McGraw-Hill Publishers.*

Laboratory Manual

Wallace, Robert L. and Walter K. Taylor. (2003). *Invertebrate Zoology-A laboratory Manual-6<sup>th</sup> Edition. Prentice Hall*

Course Description: Structure, function, classification and life histories of selective representatives of the major invertebrate phyla.

**BIOL 3460. Comparative Anatomy. Dr. Martin Matute (Instructor)**

Reference:

Textbook

Kardong, Kenneth. (2009). *Vertebrates: Comparative Anatomy, Function, Evolution. (4<sup>th</sup> ed.). McGraw-Hill Publishers.*

Laboratory Manual

Kardong, Kenneth and Edward J. Zalisko. (2006) *Comparative Vertebrate Anatomy: A Laboratory Dissection Guide. (4<sup>th</sup> ed.). McGraw-Hill Publishers.*

Course Description: Evolutionary approach to the study of structural and functional relationships between representatives of the Chordate Classes.

**BIOL 3470. General Microbiology. Dr. Joseph Onyilagha (Instructor)**

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Reference:

Textbook

Black, Jacquelyn G. (2008). *Microbiology: Principles and Explorations*. (7<sup>th</sup> ed.). Wiley Publishers.

Laboratory Manual

Brown, Alfred E. (2009). *Benson's Microbiological Applications: Laboratory Manual in General Microbiology, Short Version*. (11<sup>th</sup> ed.). McGraw-Hill Publishers.

Course Description: Anatomy and physiology of microorganisms and the role they play in daily life.

**BIOL 3480. Cell Biology. Dr. Clayton Johnson (Instructor)**

Reference:

Becker, Wayne, Lewis Kleinsmith, Jeff Hardin, and Gregory P. Bertoni. (2009). *World of Cell (W/CD)*. (7<sup>th</sup> ed.). Benjamin Cummings Publishers.

Course Description: Structural organization, metabolism and molecular genetics of the eukaryotic cell.

**BIOL 4460. Developmental Biology. Dr. Lawrence Mwasi (Instructor)**

Reference:

Textbook

Wilt, Fred and Sara Hake. (2007). *Principles of Developmental Biology*. W. W. Norton and Company.

Laboratory Manual

Wright, Shirley. (2005). *Photographic Atlas of Developmental Biology*. Morton Publishing.

Course Description: Comparative approach to the study of all stages of development from germ cell formation to organogenesis in elective organisms.

**Department of Chemistry & Physics**  
**Textbooks for Summer & Fall 2010**

**Summer I & II**

**Physical Science**

Introduction to Physical Science, Shipman, Wilson, Todd, Houghton Mifflin, 12<sup>th</sup>  
Survey of the physical science for the non-science major. It covers the disciplines of physics, chemistry and astronomy. This course is part of the general education program

**Organic Chemistry**

Organic Chemistry, Solomon & Fryhle, John Wiley, 9<sup>th</sup>

This course is designed to explore the structure, bonding, synthesis, physical and chemical properties and uses of organic compounds that will include hydrocarbons such as alkanes,

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

alkenes and alkynes. Chemistry of alkyl halides, alcohols and ethers will also be covered. Also, radical reactions as well as spectroscopic methods of structure determination will be introduced.

**Fall 2010**

**Physical Science**

Introduction to Physical Science, Shipman, Wilson, Todd, Houghton Mifflin, 12<sup>th</sup>  
Survey of the physical science for the non-science major. It covers the disciplines of physics, chemistry and astronomy. This course is part of the general education program

**Organic Chemistry**

Organic Chemistry, Solomon & Fryhle, John Wiley, 9<sup>th</sup>  
This course is designed to explore the structure, bonding, synthesis, physical and chemical properties and uses of organic compounds that will include hydrocarbons such as alkanes, alkenes and alkynes. Chemistry of alkyl halides, alcohols and ethers will also be covered. Also, radical reactions as well as spectroscopic methods of structure determination will be introduced.

**Biochemistry**

Biochemistry, Jeremy L. Berg, John L. Tymoczko and Lubert Stryer, W.H. Freeman Co., 6<sup>th</sup>  
This is a one semester introductory Biochemistry course designed for students majoring in Biology, Chemistry and Dietetics. It may also be useful to students majoring in the Agricultural Sciences. The chemistry and biochemistry of proteins, carbohydrates, lipids and nucleic acids are covered. Enzyme function, enzyme kinetics and enzyme regulation are also covered.

**Physical Chemistry**

Physical Chemistry, David W. Ball Thomson, Brooks/ Cole, 1<sup>st</sup>  
This is the first part of a two course sequence in Physical Chemistry. The course is designed for chemistry majors and is calculus-based. Primary focus is on chemical thermodynamics. Topics covered include ideal and nonideal gas behavior, the laws of thermodynamics, enthalpy, entropy, free energy, chemical equilibrium, and phase changes

**Principles of Chemistry**

Introductory Chemistry For Today, Spencer L. Seager & Michael R. Slabaugh, Thomson/Brooks/Cole, 6<sup>th</sup>  
This course gives a brief description of the laws governing inorganic, organic, and biochemistry. Considered to be a terminal sequence for students majoring in nursing or allied health sciences

**General Chemistry**

Chemistry, Raymond Chang, McGraw Hill, 10<sup>th</sup>  
Introduces the basic laws and theories of chemistry with emphasis on the preparation, properties and uses of the selected non-metals.

**Quantitative Analysis**

Quantitative Chemical Analysis, Gary Christian, Wiley, 6<sup>th</sup>  
Explores volumetric and gravimetric analysis. Heavy emphasis placed on the collection, treatment and interpretation of analytical data

**Intro to Astronomy**

Discovering the Universe, Neil F. Comins, William J. Kaufmann III, W.H. Freeman & Co, 7<sup>th</sup>



**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

This course is designed to give students the concepts of the building blocks of the universe at large planets, satellites, stars and galaxies in the light of the fundamental laws of physics. Further the course discusses the regular & exotic phenomena occurring in our solar system and elsewhere in the universe during the evolutionary stages of the heavenly objects.

**University Physics**

Physics for scientists & engineers with modern physics, Serway/Jewett, Brooks/Cole, 7<sup>th</sup>  
This course covers the calculus base physics which contains electricity, magnetism, optics and modern physics. It deals in the general idea about Physics, such as Electric Field, Electrostatic Force, Potential, Capacitor, Current, Potential Difference, Resistance, Circuit Analysis, Magnetic Field, Force Exerted by Magnetic Field on Charge Particle, Induction, Inductance, Transformer, Concept of AC, Phasor Diagram, Geometrical and Physical Optics, Introduction to Modern Physics.

**General Physics**

Physics, Giancoli, Prentice Hall, 6<sup>th</sup>  
Gives the student the general idea about Physics, such as measurement of physical quantity, Motion, Force, Work, Energy, Moment of Inertia, Torque, Momentum, Collision, Fluid Mechanics, Material, Thermodynamics, Sound and Waves.

**Department of English, Theatre and Mass Communications**  
**Textbooks for Summer & Fall 2010**

**Note: Italicized textbooks represent additional readings.**

**1310 Basic English – Ms.Sonia Shahjahan, Mrs. Patricia Meadows, Ms. Janice Brantley, Mrs. Vivian Adzaku, Mrs. Mary M. Lynch, Ms. Letrishe Hence-Brewer. Ms. Adrienne Oliver. Mrs. Nakia Smith-Dedner, Ms. Fredricka Sharkey, Ms. Sonia Shahjahan, Ms. Sheena Terrell, Adjunct Listed as Staff (Instructors) – Used All Semesters**

**1310 Basic English (WEB) – Staff (Instructors)**

**References:**

Henry, D.J., Writing for Life: Paragraph to Essay , Pearson/Longman Publishers.  
ISBN: 13:978-0-321-41367-3(Instructor's edition), ISBN:10: 0-321-41367-9(Instructor's ed.), ISBN:13:978-0-321-39231-0 (Student ed.), ISBN:10 0- 321-39231-0 (Student's ed.). (Used All Semesters)

**Description:** D.J. Henry's goal for this text is to reach today's students. Through the use of real-life situations. Henry shows students how and why writing is an essential life skill and reaches them by answering the question so many students ask: "What's the point?" Additionally, through a groundbreaking design developed in conjunction with Dorling Kindersley, Henry makes the writing, reading, and thinking processes visible, reaching today's visually oriented students by showing students the processes rather than just discussing them. Unique visual representations of the writing process and highly graphic layouts make the instruction accessible to developing writers, empowering them to transfer the learning strategies they already use in interpreting the visual world to the task of writing.

**My Writing Lab. 053653439x – (Used All Semesters)**

**Achebe, Chinua, *Things Fall Apart*, Bantam Doubleday Dell.**

**Description:** One of Chinua Achebe's many achievements in his acclaimed first novel, *Things Fall Apart*, is his relentlessly unsentimental rendering of Nigerian tribal life before and after the coming colonialism. First published in 1958, just two years before Nigeria declared independence from Great Britain, the book eschews the obvious temptation of depicting pre-colonial life as a kind of Eden. Instead, Achebe sketches a world in which violence, war, and suffering exist, but are balanced by a strong sense of tradition, ritual, and social coherence. His Ibo protagonist, Okonkwo, is a self-made man. The son of a charming ne'er-do-well, he has worked all his life to overcome his father's weakness and has arrived, finally, at great prosperity and even greater reputation among his fellows in the village of Umuofia. Okonkwo is a champion wrestler, a prosperous farmer, husband to three wives and father to several children. He is also a man who exhibits flaws well-known in Greek tragedy...-Adapted from editorial review by Alix Wilber.

**Gaines, *Bloodline*, Random House, Inc.**

**Description:** In these five stories, Gaines returns to the cane field, sharecroppers' shacks, and decaying plantation houses of Louisiana, the terrain of his great novels *A Gathering of Old Men* and *A Lesson Before Dying*. As rendered by Gaines, this country becomes as familiar, and as haunted by cruelty, suffering, and courage as Ralph Ellison's Harlem or Faulkner's Yoknapatawpha County. Stories include *A Long Day in November*, *The Sky Is Gray*, *Three Men*, *Bloodline*, and *Just Like a Tree*.

**Steinbeck, *Of Mice and Men*, Penguin Putnam, Inc.**

**Description:** Is a novella by Nobel Prize winning author John Steinbeck, first published in 1937, which tells the tragic story of George Milton and Lennie Small, two displaced Anglo migrant ranch workers in California during the Great Depression. (Adapted from Wikipedia, the free encyclopedia)

**1311 English Composition I, Ms. Janice Brantley, Ms. Sonia Shahjahan, Mrs. Vivian Adzaku, Mrs. Letrishe Hince-Brewer, Staff (Instructors) – Used All Semesters**

**1311 English Composition I WEB - Staff (Instructor)**

**Reference:**

**Faigley, Lester, *Backpack Writing: Reflecting, Arguing, Informing, Analyzing, Evaluating* (2008). Pearson/Longman. (1<sup>st</sup> edition).**  
**ISBN-13:978-0-20555830-8. (Used Fall and Summer 2010)**

**Description:** Backpack Writing helps students achieve four goals: 1) Rhetorical Knowledge 2) Critical thinking, reading, and writing 3) Processes 4) knowledge of conventions. These goals are achieved by using a combination of concise, accessible instruction, visual explanations, helpful examples, and appealing assignments and readings in an easy-to-carry portable format. Important concepts and processes are presented in concise spreads, letting students see at a glance the key points they should master.

**Angelou, Maya. *I Know Why the Caged Bird Sings*. Bantam Doubleday Dell.**

**About this title:** In this first volume of her celebrated collection of memoirs, the poet Maya Angelou describes in vivid, lyrical detail her childhood as a young black girl in the South.

**Wharton. *Ethan Frome*. Penguin Putnam, Inc.**

**Description:** This is a curious and slender volume first published in 1911, is one of the few pieces of Wharton's fiction that does not take place in an urban, upper-class setting. The novel is all the more remarkable for its austere and penetrating impressions of rural working-class New England, especially given that its author was a woman of leisure, living in the comfort of her Paris salon. Wharton based the narrative of *Ethan Frome* on an accident that had occurred in Lenox, Massachusetts, where she had traveled extensively and had come into contact with one of the victims of the accident. Wharton found the notion of the tragic sledding crash to be irresistible as a potential extended metaphor for the wrongdoings of a secret love affair.

**1311 English Composition I/Honors – Dr. Carolyn Blakely (Instructor) – Fall 2010**

**Reference:**

**Reinking. *Strategies for Successful Writing & Handbook*, Pearson Education (Prentice Hall) Publishers, 8<sup>th</sup> or latest ed.. ISBN 0-13-189195-2.**

**Description:** The eighth edition of *Strategies for Successful Writing: A Rhetoric, Research Guide, Reader, and Handbook* is a comprehensive textbook that offers ample material for a full-year composition course. Instructors teaching a one-term course can make selections from Chapters 1-16, from whatever types of specialized writing suit the needs of their students, and from appropriate essays in the reader.

Because we strongly believe that an effective composition textbook should address the student directly, we have aimed for a style that is conversational yet clear and concise. We believe that our style invites students into the book, lessens their apprehensions about writing, and provides a model for their own prose. This style complements our strong student-based approach to writing, and together they help create a text that genuinely meets student needs.

**1321 English Composition II – Mr. Kevin Sanders, Dr. Charlotte Simmonds-Hammons, Dr. Douglas Robillard, Dr. Emmanuel Egar – Used All Semesters**

**1321 English Composition II (WEB) – Staff (Instructor)**

**Reference:**

**Mauk, John; Metz, John. *Inventing Arguments*, Wadsworth/Cengage Learning Publishers. (Brief 2<sup>nd</sup> Edition).**

**Description:** *Inventing Arguments* draws attention to the real material and intellectual affairs of student writers. It teaches students to build arguments from the rhetorical matter swirling around them, including but limited to the essays, articles, reports, and images they encounter in the classroom. As instructors ourselves, we've found that students need help getting beyond common argument topics and lifeless support strategies. To succeed in academic argument, and the critical thinking it requires, students must go beyond announcing common opinions and relying on basic factual support. They need help inventing unique positions, developing

appeals, and coming to revelatory insights. To these ends, Inventing Arguments has three major pedagogical goals: 1) to foreground the *invention* of arguments (the discovery and development of increasingly complex claims and counterarguments). 2) To vitalize the argumentative process by focusing on *situations* rather than particular argumentative forms. 3) To help students enter arguments in a sophisticated fashion—by attending to the voices and tensions that are already lurking within and around a topic. When students tune in to the claims, values, and beliefs of others, their own arguments gain intensity and complexity.

**2300 Introduction to Literature – Dr. Charlotte Simmonds-Hammons, Dr. Bettie Williams, Mr. Kevin Sanders, Dr. Emmanuel Egar (Instructors) Used All Semesters**

**2300 Introduction to Literature Web Course, Dr. Yolanda W. Page, Mrs. Letrishe Hence-Brewer (Web), Staff**

**Reference:**

Roberts, Edgar V.; Jacobs, Henry E. Literature: An Introduction to Reading and Writing. Longman, Pearson Education (Prentice Hall). (9<sup>th</sup> edition). ISBN-13:978-0-13-604099-6.

**Description:** Adapted from the Back Cover (How important is writing in your course?) *When Edgar Roberts taught literature and composition, a large part of his courses involved essay-writing assignments. He dedicated a substantial amount of his class time to explaining how students should prepare their writing assignments. He discovered that the more he described to his students what he wanted, and the more time he spent explaining things, the better the final essays turned out to be. There was a direct correlation between the way he made his assignments and the quality of student work he received. Professor Roberts started to hand out directions to his students, saving him valuable classroom and preparation time. Over the years, he tested each assignment in his own classes. To meet the needs of the literature and composition course, Professor Roberts seamlessly integrated writing-about-literature instruction with a comprehensive literature anthology. The result is the book you hold in your hands.*

**Literature: An Introduction to Reading and Writing** is founded on the principles of writing about literature. It is not an afterthought and it is not treated as a separate chapter or appendix; but rather, it is the carefully integrated philosophy of Professor Roberts' approach to teaching literature and composition.

**2310 English Literature I – Dr. Douglas Robillard (Instructor)- Fall 2010**

**Reference:**

Greenblatt, Stephen., Norton Anthology of English Literature . W.W. Norton & Company, Inc. (8<sup>th</sup> edition).

**Description:** A legendary bestseller for more than forty years, this is the classic survey to the field from the Middle Ages to the twenty-first century. With 274 authors, the Eight Edition deepens its representation of essential works in all genres, ranging from Seamus Heaney's award-winning translation of *Beowulf*, Milton's *Paradise Lost*, and More's *Utopia* to the great poets and prose writers of the nineteenth century—Blake and Austen, Wordsworth and Byron,

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Tennyson and Barrett Browning—twentieth-century classics of a truly global English literature—Conrad's *Heart of Darkness*, Woolf's *A Room of One's Own*, Achebe's *Things Fall Apart*, and Friel's *Translations*, to name a few, Color Plates—over 75 in all—and thematic clusters of brief and historically significant texts bring to life the cultural concerns of each period. Concise glosses and annotations, period introductions, biographical head notes, timeliness, and selected bibliographies help readers understand and enjoy the rich diversity of English literature.

**2360 World Literature I – Dr. Emmanuel Egar – Fall 2010**

**References:**

**Lawall, Sarah. Norton Anthology of Western Literature. W.W. Norton & Company, Inc., volume I. (8<sup>th</sup> edition).**

**Description:** Read by millions of students over seven editions, The Norton Anthology of Western Literature remains the most trusted undergraduate survey of Western literature available and one of the most successful college texts ever published. Firmly grounded by the hallmark strengths of all Norton anthologies—through and helpful introductory matter, judicious annotation, complete texts wherever possible—the Eighth Edition features a significantly expanded selection of literature (37 new authors and over 150 new pieces) as well as three new pedagogical features designed to enrich students' understanding of the historical and cultural context of the literary works.

**Egar, Emmanuel. *Black Women Poets of Harlem Renaissance*. University Press of America.**

**Description:** *Black Women Poets of Harlem Renaissance* presents a critical examination of the creative poetic achievements of five women writers during the Harlem Renaissance.

**Egar, Emmanuel. *Poetics of Rage*. University Press of America.**

Description unavailable

**Egar, Emmanuel. *Rhetorical Implications of Achebe's Things Fall Apart*. University Press of America.**

**Description:** Egar (English, Paul Quinn College) relates the available scholarship on novelist Achebe's use of language to their rhetorical implications. He argues that Achebe's use of language is more than a tool for communication. Instead, it is a medium for the reenactment and simulation of the simplicity of life, the dreaminess, and the boredom.

**2360 World Literature I WEB – Dr. Yolanda W. Page , Staff (Instructor)**

**Reference:**

**Lawall, Sarah. The Norton Anthology of World Literature, volumes A,B,C. W.W. Norton & Company. (2<sup>nd</sup> edition).**

**Description:** The first edition of The Norton Anthology of World Literature to appear in the twenty-first century offers many new works from around the world and a fresh new format that responds to contemporary needs. The global reach of this anthology encompasses important

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

works from Asia and Africa, central Asia and India, the Near East, Europe, and North and South America—all presented in the light of their own literary traditions, as shared heritage of generations of readers in many countries, and as a part of a network of cultural and literary relationships whose scope is still being discovered.

**2361 World Literature II – Dr. Emmanuel Egar – Fall 2010**

**Reference:**

**Lawall, Sarah. Norton Anthology of Western Literature. W.W. Norton & Company, Inc., Volume II (8<sup>th</sup> edition).**

**Description:** Read by millions of students over seven editions, The Norton Anthology of Western Literature remains the most trusted undergraduate survey of Western literature available and one of the most successful college texts ever published. Firmly grounded by the hallmark strengths of all Norton anthologies—through and helpful introductory mater, judicious annotation, complete texts wherever possible—the Eighth Edition features a significantly expanded selection of literature (37 new authors and over 150 new pieces) as well as three new pedagogical features designed to enrich students' understanding of the historical and cultural context of the literary works.

(See extra readings under 2360 World Literature I.)

**3301 College Grammar – Dr. Bettye Williams – Fall 2010**

**References:**

**Watkins. Practical English Handbook. Houghton Mifflin Company. (11<sup>th</sup> edition).**

**Description:** With concise explanations, abundant examples and models, ample practice opportunity, and help with all stages of the writing process, the *Practical English Handbook* has helped millions of students to write more effectively. A coding system breaks down topics and facilitates student use. The book's compact size allows it to fit comfortably in the hand, while the durable sewn binding will withstand constant use. The MLA and APA documentation guidelines thoroughly reflect the most recent changes.

**Watkins. Practical English Workbook. Houghton Mifflin Company. (11<sup>th</sup> edition).**

**Description:** The *Practical English Workbook* is a collection of supplemental sentence and paragraph exercises that follows the organization of the handbook.

**3310 Advanced Composition – Dr. Paul Lorenz - Fall Semester)**

**Reference:**

**Baker, Sheridan. Practical Stylist with Writings and Readings and Handbook. Longman Publishing. (8<sup>th</sup> edition).**

**Description:** The Practical Stylist with Readings and Handbook has served for many years as a comprehensive guide to and model of solid, eloquent, and persuasive writing. This version of the text retains the finest features of the previous edition, while also including several exciting

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

new readings from contemporary writers, expanded coverage of using electronic resources in research and writing, and an updated brief handbook of grammar, punctuation, and usage.

**3320 American Literature I- Dr. Bettye Williams (Instructor)-Fall 2010 Semester**

**References:**

**Perkins. American Tradition in Literature I/II (w/Ariel CD). McGraw-Hill Book Company, volumes 1/2 (11<sup>th</sup> edition).**

**Description:** Widely known as the anthology that best meshes tradition with innovation, *The American Tradition in Literature* enters its fifth decade of leadership among textbook anthologies of American Literature. Literary merit remains the guiding principle of selection; flexibility of organization, with Walt Whitman represented in both volumes, continues to be one of the text's hallmarks.

**Faulkner. *Go Down, Moses*. Random House, Inc.**

**Description:** *Go Down*, is a cycle of seven interrelated episodes (including the much-anthologized story, "The Bear") examining the complex, changing relationships among the descendents of the McCaslin family in Faulkner's mythical Yoknapatawpha County, in northern Mississippi. The novel recounts the early days of Lucius Quintus Carothers McCaslin, and continues through the lives of his many descendants, both black and white, in a noteworthy exploration of race and miscegenation, and of the impact on the rural population of the South's vanishing wilderness.

**3333 Adolescent Literature – Dr. Douglas Robillard, Instructor – Fall 2010**

**Donelson, Allyn & Bacon, Literature for Today's Young Adults, 7<sup>th</sup> edition.**

**Description:** With new features and thoroughly updated, the number one book in Young Adult Literature continues to help teachers learn how to motivate teenagers to become life-long readers. Written with the belief that students will have a better chance of becoming life-long readers if they have choices in what they read and if they enjoy it, renowned authors Alleen Nilsen and Ken Donelson offer a comprehensive, reader-friendly introduction to young adult literature framed within a rich literary, historical, and social context.

**3370 Creative Writing – Staff/Fall 2010**

**Anthology for Creative Writing, Anstanding, Pearson Education (Prentice Hall – An Anthology for Creative Writers: A Garden of Forking Paths** is a multi-genre literary anthology with extensive selections of contemporary poetry, short fiction, creative non-fiction, alternative forms, and essays about writing and the creative process.

**4302 Modern English Grammar – Dr. Paul Lorenz (Instructor) Fall 2010**

**Reference:**

**Finegan, Edward. Language: Its Structure and Use. 5<sup>th</sup> edition. Thomson/Wadsworth, 2008 ISBN 1428205330 (paper)**

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Description:** Language: Its Structure and Use explains core concepts in an interactive style that you can understand no matter what your major. With features like “What Do You Think?” and “Try It Yourself,” you’ll understand what you are experiencing on campus and in the classroom from a linguistic perspective. The expanded study sections and the available workbook provide you with the tools you will need for effective test prep.

**4360 Contemporary American Literature – Dr. Charlotte Simmonds-Hammons (Instructor)**  
**Fall 2010**  
**(Textbook (s) to be selected)**

**4390 Literature and Criticism – Dr. Emmanuel Egar (Instructor) Fall 2010**  
**(Textbook (s) to be selected)**

**5304 Graduate Advanced Composition – Dr. Paul Lorenz (Instructor) Fall 2010**  
**(Textbook (s) to be selected)**

**5312 Advanced Survey of American Literature I - (Dr. Bettye Williams) Fall 2010/2011**

**Reference:**

**Lauter, Paul. The Heath Anthology of American Literature. Houghton Mifflin (4<sup>th</sup> edition) vol. I.**

**Description:** This premier survey of American literature has influenced the manner in which the American literary canon is taught in classrooms across the nation. In response to readers' requests, the editors of the Heath Anthology continue to develop and reinforce its greatest strengths: diverse reading selections and strong ancillaries. With the assistance of more than 200 contributing editors, the editors have updated biographical and critical information and added new works of interest to both instructors and students. The Fourth Edition features writers and selections that highlight the divergent. ..

**2301 Humanities – Mrs. Margaret Mary Lynch, Mrs. Perveen Shahjahan (Instructors)**

**2301 Humanities (WEB) – Dr. Joanna Edwards/Adjunct Professor**

**Reference:**

**Witt. Humanities, Houghton-Mifflin Company, 7<sup>th</sup> edition, vol. 1. (Fall/Summer 2010)**

**Description:** This introductory text presents an overview of the liberal arts—literature, art, music, philosophy, and history—with a particular emphasis on literature. The unique selection of works from each culture provides students with global understanding of the humanities.

Several pedagogical features of the Seventh Edition, such as chapter objectives, key terms, art images, and summary questions, help students understand the major concepts of the text. Each volume begins with a “Chronicle of Events” that provides a timetable of key events in world history. “Continuities” sections focus on the lasting contributions of each society. Non-Western coverage includes a section on Japan in Volume I; Western material has been scaled back to provide balanced coverage.



**2331 Old Testament History – Dr. Joanna Edwards /Adjunct Professor – Fall 2010**

**2340 Effective Thinking/Logic- Dr. Paul Lorenz (Instructor) –Fall/Spring Semesters**

**Reference:**

**Howard-Snyder and Wasserman. Power of Logic.** McGraw-Hill Book Company, 2009 .  
4<sup>th</sup> edition. ISBN: 780073407371 (Hard cover).

**Description:** This introductory level text carries the conviction that logic is the most important course that college students take. "The Power of Logic" provides balanced coverage of informal logic, traditional categorical logic, and modern symbolic logic, while its companion online supplement, "Logic Tutor," offers a wealth of applications for the concepts discussed.

**2311 / 2321 Elementary Spanish I/II & 3311/3321 Intermediate Spanish I/II- Dr. Antony Hobbs (Instructor) – Fall/Summer 2010**

**Reference:**

**Zayas-Bazan. ARRIBA, Zayas-Bazan, Pearson Education (Prentice Hall), 5<sup>th</sup> edition. (Fall/Summer)**

**Description:** Wake up to the new, 5th edition of ¡Arriba! With each new edition, more and more instructors discover that ¡Arriba! offers a solid, proven approach to reaching communicative objectives. Through its flexible approach-one that allows instructors to adapt it to their own teaching styles and goals-¡Arriba! ensures success for both students and instructors. Built on a balance of solid grammar and communication skills, the eclectic, balanced approach of ¡Arriba! enables students to receive the broad foundation that they need to succeed in Intermediate courses and beyond. Culture frames and infuses every chapter giving students a doorway into the cultures of the Spanish speaking world and bringing fun and excitement into your classroom. Rich in pedagogy and supported by carefully integrated supplementary materials, this complete and versatile program is the result of years of development and class testing. Now, more than ever, ¡Arriba! brings the Spanish-speaking world to your students and gives them the tools and motivation to thrive in your classroom and the world at large. Wake up to the new, 5th edition of ¡Arriba! With each new edition, more and more instructors discover that ¡Arriba! offers a solid, proven approach to reaching communicative objectives. Through its flexible approach-one that allows instructors to adapt it to their own teaching styles and goals-¡Arriba! ensures success for both students and instructors. Built on a balance of solid grammar and communication skills, the eclectic, balanced approach of ¡Arriba! enables students to receive the broad foundation that they need to succeed in Intermediate courses and beyond. Culture frames and infuses every chapter giving students a doorway into the cultures of the Spanish speaking world and bringing fun and excitement into your classroom. Rich in pedagogy and supported by carefully integrated supplementary materials, this complete and versatile program is the result of years of development and class testing. Now, more than ever, ¡Arriba! brings the Spanish-speaking world to your students and gives them the tools and motivation to thrive in your classroom and the world at large.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Summer 2010**

**Broadcast Journalism**

SPCH 2390 Oral Communications La'Tonya Richardson (Instructor)

**Reference:** Communicating: A Social and Career Focus, 11<sup>th</sup> Ed.  
(Berko, Wolvin and Wolvin)

Course Description:

The introductory course designed to help students master the techniques, principles and theories of human communication. Emphasis is placed on the various speech arts such as public speaking, oral interpretation and group discussion. Special emphasis on pronunciation, articulation and vocabulary development.

**Fall 2010**

JOUR 2326 Mass Media & Modern Society Donna Barnes, (Instructor)

**Reference:**

Media/Impact by Shirley Biagi. 9<sup>th</sup> Edition. Wadsworth Publishing

Course Description:

The introductory course to the mass communication and journalism curricula and a survey of mass media: newspapers, magazines, radio and television, public relations and advertising

Course Prefix: SPCH 4316 Broadcast Management Donna Barnes, (Instructor)  
Management of Electronic Media. By Alan B. Albarran 4<sup>th</sup> Edition

Course Description:

Role and responsibility of managers in broadcast and cable operations and in independent production houses. Case studies with emphasis on coordination of work units and personnel, legal operations, resource generation, management, and public relations.

SPCH 2390 Oral Communications Faye Hawks, (Instructor)

**Reference:** Communicating: A Social and Career Focus, 11<sup>th</sup> Ed.  
(Berko, Wolvin and Wolvin)

Course Description:

The introductory course designed to help students master the techniques, principles and theories of human communication. Emphasis is placed on the various speech arts such as public speaking, oral interpretation and group discussion. Special emphasis on pronunciation, articulation and vocabulary development.

**JOUR 3350 Technical Writing - Staff**

**Reference:**

Lannon (2008): Technical Communication , 11<sup>th</sup> Edition, Pearson Education.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Description:** Technical Writing is the premier resource for introductory technical communication, combining practical applications and clear writing with attention to the latest developments in the field.

Rhetorical principles are explained, illustrated, and applied to an array of documents, from brief memos and summaries to formal reports and proposals. The emphasis on current topics like technology, global communication, working in teams, and usability underscores the realities of technical communication today. Exercises incorporated throughout the text enable students to better understand the skills necessary both in college and in the workplace.

JOUR 4321 Mass Communication and the World Web Michelle Grice – (Instructor)

**Reference:** Online Journalism: Principles and Practices of News for the Web by  
James C. Foust 2<sup>nd</sup> Edition

Course Description:

The study and application of mass communication and media-related topics as related to the world-wide web. Emphasis on the Web and the use of the Internet by mass communication practitioners.

SPDR 3320 Public Relations Michelle Grice (Instructor)

**Reference:**

Public Relations: Strategies and Tactics by: Dennis Wilcox & Glen T. Cameron 9th Edition

Description:

This course is an introduction to public relations principles and concepts, and is the first course in the public relations sequence. Students are introduced to the history and development of public relations as a profession over the years, to the range of responsibilities and functions that public relations practitioners assume in a variety of organizations, and to the significant issues and trends that shape and will continue to influence the practice of public relations in the future. The course will emphasize “best practices” and ethical practice in public relations.

SPDR 2336 Radio Production Michelle Grice (Instructor)

**Reference:**

Modern Radio Production, 8<sup>th</sup> Edition  
Carl Hausman, Fritz Messere, Philip Benoit

Course Description:

Emphasis will be on the various types of radio programming, the study of radio formats and production techniques.

JOUR 4315 Media Law and Ethics (Staff)

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Reference:**

Mass Media Law, 2009-2010 Edition  
Don Pember, Clay Calvert

Media Ethics Issues and Cases, 6<sup>th</sup> Edition  
Philip Patterson and Lee Wilkins

**Course Description:**

An investigation of the laws and ethical principles, which apply to print and broadcast journalists. Topics include the definition of libel and slander, the First Amendment, open meeting laws, and Freedom of Information laws.

JOUR 4390 Senior Seminar Donna Barnes, (Instructor)

**Reference:**

Excellence in Business Communication, 8<sup>th</sup> Edition  
Prentice Hall (Thill, John & Bouvee, Courtland 2007)

**Course Description:**

An examination of communication issues, theories, models and world communications systems through research, discussion, writing and speaking. Each student will prepare a portfolio which will include a specified number of work samples including but not limited to: stories I campus newspaper, video tapes of student news reports, commercial scripts. **Prerequisite:** Senior Standing.

JOUR 3354 Electronic Field Production Rhashaun Trammell, (Instructor)

**Reference:**

Portable Video, fifth edition ENG and EFP  
Norman J. Meadoff & Tom Tanquary

**Course Description:**

Practice in the fundamental of mastering field production techniques. Students gain proficiency in such field production techniques as camera operation, lighting, sound and videotape editing.

JOUR 4311 Broadcasting Journalism Rhashaun Trammell, (Instructor)

**Reference:**

Broadcast News Writing, Reporting and Production, fourth edition.  
Ted White 4<sup>th</sup> Edition

**Course Description:**

Techniques and practice in writing for radio. Students write copy for use on local stations. Emphasis on news writing and investigative reporting. Includes writing from source copy, rewriting, and the production of original news stories.

SPCH 3341 Copy Script Writing, La'Tonya Richardson, (Instructor)

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Reference:**

Copywriting for the Electronic Media: A Practical Guide, 6<sup>th</sup> Edition.  
Milan Meeske

**Course Description:**

Study and practice of basic writing skills required for the production of electronic media messages and programs. Exposure to both short length copy for commercials and public service announcements, and full length feature scripts such as documentaries.

**JOUR 3314 News Editing, La'Tonya Richardson, (Instructor)**

Editing Today, by Ron F. Smith & Loraine M. O'Connel, 2<sup>nd</sup> edition

Course Description: A junior or senior level journalism course focusing on the theory of copy reading and writing headlines.

**JOUR 3352 Media & Advertising, La'Tonya Richardson, (Instructor)**

The Advertising Business by John Phillip Jones

Course Description: A socio-scientific examination of advertising principles as they apply to print and broadcast journalism.

**JOUR 3360 News Media Writing Skills, La'Tonya Richardson, (Instructor)**

News Reporting and Writing, 11th edition, by Melvin Mencher

Course Description: Students will analyze writing techniques and survey the various media fields, along with writing and reading various styles

**SPDR 2324 T V Production, La'Tonya Richardson, (Instructor)**

Television Production Handbook by Zettl, 10<sup>th</sup> Edition

Course Description: An experience oriented course. Emphasis on camera operation, audio/video tape, lighting, artistic design, special effects and practical experience in entertainment, public affairs and sports programming. (*Students will produce, direct, and/or participate as crew members for UAPB TV 24, the university's access channel, and departmentally approved outside projects.*)

**SPDR 4305 Television Practicum, Rhashaun Trammell (Instructor)**

Television Production Handbook by Zettl, 10<sup>th</sup> Edition

Television Production Workbook by Zettl, 10<sup>th</sup> Edition

Course Description: An overview of the elements of television production: cameras, sound, lighting, film, videotape recording, optics and studio control center.

**Department of Mathematical Sciences and Technology**  
**Summer & Fall 2010**

**Summer I - 2010**

**CPCS 2322 SPECIAL TOPICS / VISUAL BASIC      J. Anthony (Instructor)**

Reference:

Shelly, Gary B., Cashman, Thomas J., Quasney, Jeffrey J. Visual Basic.NET. Thompson / Course Technology Publishers.

Course Description: A course covering the fundamentals of the Windows GUI (Graphical User Interface) operating system and Visual Basic as a Windows-based application development language. This course will use practical problems to illustrate application-building techniques (using a current version of Visual Basic) as well as take advantage of new capabilities of building applications in a graphical environment, such as building one's own special-purpose, professional-looking applications

**CPSC 2363 Introduction to Business Programming      (staff)**

Reference:

Gaskin. Go Office 07: Intro w/Trans. Gde. MyLab, GOW (P) (2008) Prentice Hall Publishers.

Course Description: An introduction to the use of microcomputers. Surveys the use of a microcomputer operating system interface, use of the Internet and several applications programs, including a spreadsheet program, a word processing program, a database program, and a presentation program. Lecture, "hands-on" exercises, and corporate profiles are used to make students aware of realistic applications of such program

**Summer I - 2010**

**MATH 1310 Elementary Algebra      (Staff)**

Reference:

Aufman, Barker, Lockwood (2007). Algebra: Introductory and Intermediate. (4<sup>th</sup> ed.) Houghton-Mifflin Publishers

Course Description: This course is designed for students who have not had a previous course in Algebra. It will cover some fundamental topics (exponents, properties of real numbers, order of operations, order relationships), along with basic skills; then move on to concentrate on algebraic topics. Basic skills refer to being able to accurately add, subtract, multiply and divide real numbers, including fractions, decimals, and percentages. The topics covered include solving linear equations and inequalities with applications, and extending basic skill operations to polynomials and expressions with exponents.

**MATH 1320 Intermediate Algebra      (Staff)**

Reference:

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Aufman, Barker, Lockwood (2007). Algebra: Introductory and Intermediate. (4<sup>th</sup> ed.)  
Houghton-Mifflin Publishers

Course Description: This course is designed for students who have not had a previous course in Algebra. It will cover some Fundamental operations of the real number system, factoring, linear equations, functions and graphs, exponents, and radicals. Prerequisite: A minimum grade of "C" or higher in MATH 1310 or placement by score on Math Placement Test. Credit hours not counted toward graduation requirement.

**MATH 1330 College Algebra (Staff)**

Reference: Blitzer. College Algebra w/ 2 CDs. (5<sup>th</sup> ed.) Pearson Educ. – Prentice Hall

Course Description: The number system and fundamental operations, linear and quadratic equations, functions and graphs, complex numbers, inequalities, logarithms and matrices.

Prerequisite: A minimum grade of "C" or higher in MATH 1320 or placement by score on ACT of 19 or higher. ***A scientific calculator is required for this course (the graphic calculator TI, T1-83 or TI-85 is recommended by the department).***

**MATH 1340 College Trigonometry (Staff)**

Reference:

Larson. Trigonometry. (7<sup>th</sup> ed.). Houghton-Mifflin Publishers.

Course Description: Trigonometric functions, fundamental identities, variations and graphs of trigonometric functions, functions of composite angles, polar coordinates, logarithms, solutions of right and oblique triangles, progressions and the binomial theorem. Prerequisites: MATH 1330 or ACT score of 23 or higher

**MATH 1550 Pre-Calculus (Staff)**

Reference:

Sullivan. Pre-Calculus: Enhanced ETC. (5<sup>th</sup> ed.). Pearson Educ – Prentice Hall

Course Description: Designed to prepare students to enter Calculus. Coverage includes trigonometry and analytical geometry. Trigonometric functions and their graphs, inverse functions, law of sine and cosine, polar coordinates, vectors and their applications.

Algebra, coordinate geometry, functions, graphs, systems of equations, etc. Prerequisite: A minimum grade of "C" or higher in MATH 1320 or placement by score on ACT of 19 or higher.

**MATH 2370 Introduction To Elementary Statistics (Staff)**

Reference:

Blumen. Elementary Statistics. (7<sup>th</sup> ed.). McGraw-Hill Publishers.

Course Description: The classification of data, different kinds of averages and their uses, frequency distributions, meaning of dispersion and its measurement, regression or trend lines, the meaning of co-relations. Class usually held in Cain-Gilliland – CPSC Lab. This course will not be counted toward a major in mathematics. Prerequisite: MATH 1330 **AND** MATH 1550.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**MATH 3311 Linear Algebra (Staff)**

Reference:

Fraleigh, John B., Bearegard, Raymon A. Linear Algebra. (3<sup>rd</sup> ed.). Addison-Wesley Publishers

Course Description: The following mathematical concepts will be discussed in detailed: Matrices, vector spaces, subspaces, basis and dimensions, ranks, linear transformations, determinants, and linear systems. This course is designed for majors in mathematics, computer science, engineering, or the sciences. This course bridges the calculus with the more theoretical upper division courses in many disciplines. Prerequisites: Grade C or better in MATH 2510.

**MATH 4340 Modern Elementary Math I Dr. F. Hartfield (Instructor)**

Reference:

Miller, Charles D., Heeren, Vern E. Hornsby by John E. Hornsby, Jr. Mathematical Ideas. (11<sup>th</sup> ed.). Addison-Wesley Educational Publishers (Harper Collins College Publishers).

Course Description: A course in mathematics for prospective and in-service teachers of elementary mathematics. Stressing the art of problem solving, basic set theory, introduction to logic, numeration and mathematical systems. Prerequisite: A minimum grade of C or higher in MATH 1330.

**Summer I - 2010**

**TECH 1360 Introduction to Manufacturing F. Webb (Instructor)**

Reference:

Kalpakjian. Manufacturing Engineering & Technology. (6<sup>th</sup> ed.). Pearson Educ – Prentice Hall Publishers.

Course Description: An introductory study of manufacturing processes. Included are manufacturing materials, chip removal, material fusion, shaping, molding etc., and educational tours to local manufacturing industries. Prerequisite: MATH 1330.

**TECH 2333 Electronic Devices Dr. S. Taghavi (Instructor)**

Reference:

Floyd. Electronic Devices Electron Flow Version w / CD. (8<sup>th</sup> ed.). Pearson Educ – Prentice Hall Publishers.

Berube. Computer SIM EXP/Electronic Devices Etc w/CD. (3<sup>rd</sup> ed.) Pearson Educ – Prentice Hall Publishers [*recommended*].

Course Description: A coverage of semi-conductor devices with emphasis on the flow and control of current at the P-N junction. Devices to be studied include diodes, transistors (BJT, UJT, and FET), and pnpn switches. Introduction to Integrated Circuit Technology.  
Prerequisite: TECH 1332.



**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**TECH 2335 Circuit Analysis I     Dr. S. Taghavi (Instructor)**

Reference:

Floyd (2010). Principles of Electric Circuits: Conv Current w / CD. (9<sup>th</sup> ed.). Pearson Educ – Prentice Hall Publishers.

Course Description: Basic circuit concepts, definitions and analysis of resistive circuits with DC sources. Coverage of circuit theorems and the methods used in the analysis of circuits with two or more voltage or current sources. Prerequisite: TECH 1331.

**TECH 2363 Flex Manufacturing     F. Webb (Instructor)**

Reference:

Smid. CNC Programming Handbook w / CD. ('08 3<sup>rd</sup> ed.). SDC Publications.

Course Description: This course will introduce students to fundamentals of robotics, CNC, automation and their applications in manufacturing systems, especially when considering flexibility in making products in productive and efficient ways. The course deals with introductory programming concepts and principles of robotics and CNC machines.

Prerequisite: TECH 1360, TECH 2367, MATH 1330, and 1340/1550.

**Summer 2 - 2010**

**CPCS 2322 SPECIAL TOPICS / VISUAL BASIC     J. Anthony (Instructor)**

Reference:

Shelly, Gary B., Cashman, Thomas J., Quasney, Jeffrey J. Visual Basic.NET. Thompson / Course Technology Publishers.

Course Description: A course covering the fundamentals of the Windows GUI (Graphical User Interface) operating system and Visual Basic as a Windows-based application development language. This course will use practical problems to illustrate application-building techniques (using a current version of Visual Basic) as well as take advantage of new capabilities of building applications in a graphical environment, such as building one's own special-purpose, professional-looking applications

**CPSC 2363 Introduction to Business Programming     (staff)**

Reference:

Gaskin. Go Office 07: Intro w/Trans. Gde. MyLab, GOW (P) (2008) Prentice Hall Publishers.

Course Description: An introduction to the use of microcomputers. Surveys the use of a microcomputer operating system interface, use of the Internet and several applications programs, including a spreadsheet program, a word processing program, a database program,

University of Arkansas at Pine Bluff  
Textbook RE: Implementation of Act 175 of 2007  
Summer and Fall 2010

and a presentation program. Lecture, “hands-on” exercises, and corporate profiles are used to make students aware of realistic applications of such program

**Summer 2 - 2010**

**MATH 1310 Elementary Algebra (Staff)**

Reference:

Aufman, Barker, Lockwood (2007). Algebra: Introductory and Intermediate. (4<sup>th</sup> ed.)  
Houghton-Mifflin Publishers

Course Description: This course is designed for students who have not had a previous course in Algebra. It will cover some fundamental topics (exponents, properties of real numbers, order of operations, order relationships), along with basic skills; then move on to concentrate on algebraic topics. Basic skills refer to being able to accurately add, subtract, multiply and divide real numbers, including fractions, decimals, and percentages. The topics covered include solving linear equations and inequalities with applications, and extending basic skill operations to polynomials and expressions with exponents.

**MATH 1320 Intermediate Algebra (Staff)**

Reference:

Aufman, Barker, Lockwood (2007). Algebra: Introductory and Intermediate. (4<sup>th</sup> ed.)  
Houghton-Mifflin Publishers

Course Description: This course is designed for students who have not had a previous course in Algebra. It will cover some Fundamental operations of the real number system, factoring, linear equations, functions and graphs, exponents, and radicals. Prerequisite: A minimum grade of “C” or higher in MATH 1310 or placement by score on Math Placement Test. Credit hours not counted toward graduation requirement.

**MATH 1330 College Algebra (Staff)**

Reference: Blitzer. College Algebra w/ 2 CDs. (5<sup>th</sup> ed.) Pearson Educ. – Prentice Hall

Course Description: The number system and fundamental operations, linear and quadratic equations, functions and graphs, complex numbers, inequalities, logarithms and matrices.

Prerequisite: A minimum grade of “C” or higher in MATH 1320 or placement by score on ACT of 19 or higher. ***A scientific calculator is required for this course (the graphic calculator TI, TI-83 or TI-85 is recommended by the department).***

**MATH 1340 College Trigonometry (Staff)**

Reference:

Larson. Trigonometry. (7<sup>th</sup> ed.). Houghton-Mifflin Publishers.

Course Description: Trigonometric functions, fundamental identities, variations and graphs of trigonometric functions, functions of composite angles, polar coordinates, logarithms, solutions

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

of right and oblique triangles, progressions and the binomial theorem. Prerequisites: MATH 1330 or ACT score of 23 or higher

**MATH 1550 Pre-Calculus (Staff)**

Reference:

Sullivan. Pre-Calculus: Enhanced ETC. (5<sup>th</sup> ed.). Pearson Educ – Prentice Hall

Course Description: Designed to prepare students to enter Calculus. Coverage includes trigonometry and analytical geometry. Trigonometric functions and their graphs, inverse functions, law of sine and cosine, polar coordinates, vectors and their applications. Algebra, coordinate geometry, functions, graphs, systems of equations, etc. Prerequisite: A minimum grade of "C" or higher in MATH 1320 or placement by score on ACT of 19 or higher.

**MATH 2370 Introduction To Elementary Statistics (Staff)**

Reference:

Blumen. Elementary Statistics. (7<sup>th</sup> ed.). McGraw-Hill Publishers.

Course Description: The classification of data, different kinds of averages and their uses, frequency distributions, meaning of dispersion and its measurement, regression or trend lines, the meaning of co-relations. Class usually held in Cain-Gilliland – CPSC Lab. This course will not be counted toward a major in mathematics. Prerequisite: MATH 1330 **AND** MATH 1550.

**MATH 4341 Modern Elementary Math II Dr. F. Hartfield (Instructor)**

Reference:

Miller, Charles D., Heeren, Vern E. Hornsby by John E. Hornsby, Jr. Mathematical Ideas. (11<sup>th</sup> ed.). Addison-Wesley Educational Publishers (Harper Collins College Publishers).

Course Description: A continuation of MATH 4340 MODERN ELEMENTARY MATHEMATICS I. Emphasizing number theory, real numbers and their representations, and basic concepts of algebra and geometry. Prerequisites: A minimum grade of C or higher in MATH 1330 **OR** independent of MATH 4340.

**Summer 2 - 2010**

CO-OP INTERNSHIP ONLY.

**Fall 2010**

**CPSC 2151/ 2251 Computer Organization/Assembly Programming (Staff)**

Reference:

Irvine, Kip R. Assembly Language for Intel-Based Computers. (5<sup>th</sup> ed). Prentice Hall Publishing

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Course Description: Programming methodology, showing how to use assembly language to create both system-level software tools and application programs and computer hardware manipulation

**CPSC 2300 Computer Science I (CSI) (formerly CPSC 2341 - C-Language) Z. Howard (Instructor)**

Reference:

Deitel & Deitel, C++ How to Program, (7<sup>th</sup> ed.) Prentice Hall Publishing Company

Course Description: This course teaches students the introductory, concepts of the field of Computer Science, as well as presents them with the elementary programming concepts and abstractions. The course places emphasis on teaching students how interact with a modern computer systems as well as develop the programs which operate it using a structured and object-oriented approach, software reuse, and component-oriented software construction.

**CPCS 2322 SPECIAL TOPICS / VISUAL BASIC J. Anthony (Instructor)**

Reference:

Shelly, Gary B., Cashman, Thomas J., Quasney, Jeffrey J. Visual Basic.NET. Thompson / Course Technology Publishers.

Course Description: A course covering the fundamentals of the Windows GUI (Graphical User Interface) operating system and Visual Basic as a Windows-based application development language. This course will use practical problems to illustrate application-building techniques (using a current version of Visual Basic) as well as take advantage of new capabilities of building applications in a graphical environment, such as building one's own special-purpose, professional-looking applications

**CPSC 2341 (now CPSC 2300 Computer Science I) Computer Programming / C-Language Z. Howard (Instructor)**

Reference:

Gaddis. Starting Out With C++ From Control Structures Through Objects. (6<sup>th</sup>ed.). Addison-Wesley Publishing Company.

Course Description: A complete introduction to program design and problem-solving using the programming language "C".

**CPSC 2344 Local Area Networking Dr. J. Walker (Instructor)**

Reference:

Kurose & Ross. Computer Networking: A Top-Down Approach. (5<sup>th</sup>ed.). Addison-Wesley Publishing Company.

Course Description: This course is developed to provide an understanding of communication and sharing of data and other resources among networked computers. By networking, information is made available to anyone, at any time and any place. Basic elements of data

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

communications, data transformations, and topics of fundamental importance concerning the technology and architectures of networks are included.

**CPSC 2350 Computer Programming / COBOL J. Anthony (Instructor)**

Reference:

Stern. COBOL for the 21<sup>st</sup> Century (11<sup>th</sup> ed.). John Wiley and Sons, Publishing

Course Description: An introduction to structural COBOL programming.

**CPSC 2363 Introduction to Business Programming (staff)**

Reference:

Gaskin. Go Office 07: Intro w/Trans. Gde. MyLab, GOW (P) (2008) Prentice Hall Publishers.

Course Description: An introduction to the use of microcomputers. Surveys the use of a microcomputer operating system interface, use of the Internet and several applications programs, including a spreadsheet program, a word processing program, a database program, and a presentation program. Lecture, "hands-on" exercises, and corporate profiles are used to make students aware of realistic applications of such program

**CPSC 3271/3172 Introduction to Numerical Solutions Z. Howard (Instructor)**

Reference:

Chapra. Applied Numerical Methods W/MATLAB. (2<sup>nd</sup> ed.) McGraw-Hill Publishers.

Course Description: Numerical algorithms, including elementary discussion or error.

**CPSC 3300 (formerly 2315 File Processing) J. Anthony (Instructor)**

Reference:

Roger S. Pressman. Software Engineering: A Practitioner's Approach. (7<sup>th</sup> ed.) McGraw-Hill Publishing Co.

Course Description: An introduction to the concept and techniques of structuring data on bulk storage devices. Topics include sequential processing, sort / merge algorithm, data structures, and random access data presentations, file organizations, and an introduction to the data base structures.

**CPSC 3346 Bioinformatics Z. Howard & Dr. A. Buckner (Instructors)**

Reference:

Dan E. Krane & Michael L. Raymer, Fundamental Concepts of Bioinformatics

Course Description: This course introduces students to the basic concepts and methods that have wide applicability in the natural sciences. Particular emphasis will be placed the arena of Bioinformatics, and the selection of data representation, algorithms useful in the design and implementation of practical problems arising from the field such as genetic sequencing, prediction and molecular structure

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

comparison. Course content will be motivated by practical problems, which arise within the interdisciplinary fields of bioinformatics and computer science.

**CPSC 3352 Algorithmic Language and Compilers    Z Howard (Instructor)**

Reference:

Sebesta.    Concepts of Programming Languages.    (9<sup>th</sup> ed.)    Addison-Wesley Publishers.

Course Description: The course provides the central concepts in most widely used programming languages and their implementation on conventional computers. The main goal of this course is to bring together the facets of language design and implementation within a single conceptual.

**CPSC 3362 Special Topics / JAVA                    Dr. J. Walker    (Instructor)**

Reference:

Johnson.    Intro to JAVA Programming, Etc. (2007).    Course Technology Publishing.

Course Description: Introduction to the fundamentals of object-oriented programming using JAVA. Covers the design of applications and applets as well as the object-oriented concepts of classes, methods, inheritance and polymorphism.

**CPSC 4221 Special Topics / Computer Science Seminar    Dr. J. Walker (Instructor)**

Reference:

No assigned textbook, however reference material may be provided.

Course Description: This course is designed to enhance student's knowledge of research and applications development in Computer Science.

**Fall 2010**

**MATH 1310 Elementary Algebra                    (Staff)**

Reference:

Aufman, Barker, Lockwood (2007). Algebra: Introductory and Intermediate. (4<sup>th</sup> ed.)  
Houghton-Mifflin Publishers

Course Description: This course is designed for students who have not had a previous course in Algebra. It will cover some fundamental topics (exponents, properties of real numbers, order of operations, order relationships), along with basic skills; then move on to concentrate on algebraic topics. Basic skills refer to being able to accurately add, subtract, multiply and divide real numbers, including fractions, decimals, and percentages. The topics covered include solving linear equations and inequalities with applications, and extending basic skill operations to polynomials and expressions with exponents.

**MATH 1320 Intermediate Algebra                    (Staff)**

Reference:

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Aufman, Barker, Lockwood (2007). Algebra: Introductory and Intermediate. (4<sup>th</sup> ed.)  
Houghton-Mifflin Publishers

Course Description: This course is designed for students who have not had a previous course in Algebra. It will cover some Fundamental operations of the real number system, factoring, linear equations, functions and graphs, exponents, and radicals. Prerequisite: A minimum grade of "C" or higher in MATH 1310 or placement by score on Math Placement Test. Credit hours not counted toward graduation requirement.

**MATH 1330 College Algebra (Staff)**

Reference: Blitzer. College Algebra w/ 2 CDs. (5<sup>th</sup> ed.) Pearson Educ. – Prentice Hall

Course Description: The number system and fundamental operations, linear and quadratic equations, functions and graphs, complex numbers, inequalities, logarithms and matrices.

Prerequisite: A minimum grade of "C" or higher in MATH 1320 or placement by score on ACT of 19 or higher. ***A scientific calculator is required for this course (the graphic calculator TI, T1-83 or TI-85 is recommended by the department).***

**MATH 1340 College Trigonometry (Staff)**

Reference:

Larson. Trigonometry. (7<sup>th</sup> ed.). Houghton-Mifflin Publishers.

Course Description: Trigonometric functions, fundamental identities, variations and graphs of trigonometric functions, functions of composite angles, polar coordinates, logarithms, solutions of right and oblique triangles, progressions and the binomial theorem. Prerequisites: MATH 1330 or ACT score of 23 or higher

**MATH 1550 Pre-Calculus (Staff)**

Reference:

Sullivan. Pre-Calculus: Enhanced ETC. (5<sup>th</sup> ed.). Pearson Educ – Prentice Hall

Course Description: Designed to prepare students to enter Calculus. Coverage includes trigonometry and analytical geometry. Trigonometric functions and their graphs, inverse functions, law of sine and cosine, polar coordinates, vectors and their applications.

Algebra, coordinate geometry, functions, graphs, systems of equations, etc. Prerequisite: A minimum grade of "C" or higher in MATH 1320 or placement by score on ACT of 19 or higher.

**MATH 2370 Introduction To Elementary Statistics (Staff)**

Reference:

Blumen. Elementary Statistics. (7<sup>th</sup> ed.). McGraw-Hill Publishers.

Course Description: The classification of data, different kinds of averages and their uses, frequency distributions, meaning of dispersion and its measurement, regression or trend lines, the meaning of co-relations. Class usually held in Cain-Gilliland – CPSC Lab. This course will not be counted toward a major in mathematics. Prerequisite: MATH 1330 **AND** MATH 1550.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**MATH 2510 Calculus I** **(Staff)**

---

Reference:

Larson Edwards. Calculus. (9<sup>th</sup> ed.). Brooks-Cole Publishers.

Course Description: Variables, functions, limits, differentiations and integration of algebraic forms, integration as a process of summation; applications to geometry and mechanics. 5-hour course. Prerequisite: MATH 1350 or ACT score of 27 or higher. Required of majors.

**MATH 2520 Calculus II** **S. Abedi (Instructor)**

---

Reference:

Smith & Minton. Calculus. (3<sup>rd</sup> ed.). McGraw-Hill Publishers.

Course Description: Differentiation and integration of transcendental functions, polar coordinates, parametric equations, indeterminate forms, integration, series, expansion of functions, partial derivatives and multiple integrals. 5-hour course. Prerequisite: A minimum grade of C or better in MATH 2510. Required of majors.

**MATH 3311 Linear Algebra** **(Staff)**

---

Reference:

Fraleigh, John B., Bearegard, Raymon A. Linear Algebra. (3<sup>rd</sup> ed.). Addison-Wesley Publishers

Course Description: The following mathematical concepts will be discussed in detailed: Matrices, vector spaces, subspaces, basis and dimensions, ranks, linear transformations, determinants, and linear systems. This course is designed for majors in mathematics, computer science, engineering, or the sciences. This course bridges the calculus with the more theoretical upper division courses in many disciplines. Prerequisites: Grade C or better in MATH 2510.

**MATH 3320 Probability & Statistics** **(staff)**

---

Reference:

Montgomery. Applied Statistics & Probability for Engineers. (4<sup>th</sup> ed.). John Wiley & Sons Publishers

Course Description: Probability spaces, random variables, univariate and multi-variate distributions, moment generating functions, laws of large numbers and central limit theorem. Prerequisite: MATH 2520; MATH 3331, recommended..

**MATH 3331 Multivariable Calculus** **S. Abedi (Instructor)**

---

Reference:

Smith & Minton. Calculus. (3<sup>rd</sup> ed.). McGraw-Hill Publishers.



**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Course Description: A critical treatment of certain topics in calculus: limits, continuity, differentiation of functions of one and several variables, series, definite and multiple integrals.

Prerequisite: A minimum grade of C or better in MATH 2520.

**MATH 3390 Discrete Math S. Abedi (Instructor)**

Reference:

Rosen, Kenneth H. Discrete Mathematics and its Applications. (6<sup>th</sup> ed.). Addison-Wesley Publishers.

Course Description: Topics include Logic, Mathematical Induction, Sets, Relations, Algorithms, Permutations and Combinations, Proof Strategy and Graphs. Through this course, students can develop their mathematical maturity, that is, their ability to understand and create mathematical arguments. This course provides the mathematical foundations for many computer science courses, including Data Structure, Algorithms, and formal languages. This course also is the gateway to more advanced courses in all parts of the mathematical sciences. Prerequisite: A minimum grade of C or better in MATH 2520.

**MATH 4300 Modern Algebra I (Staff)**

Reference:

Gilbert. Elements of Modern Algebra. (6<sup>th</sup> ed.) Thompson Learning Publishers.

Course Description: The following mathematical concepts will be discussed in detail: Sets, mappings, binary operations, permutations and inverses, matrices, relations, mathematical induction, congruence classes, and groups. As time permits rings, integral domains, and fields will be introduced. This course is designed for majors in mathematics, math education, or the sciences. This course bridges the gap from manipulative to theoretical mathematics and helps prepare secondary mathematics teachers for their careers. Prerequisite: MATH 3311 **OR** MATH 3390.

**MATH 4320 Differential Equations I S. Abedi (Instructor)**

Reference:

Zill, Dennis G. A 1<sup>st</sup> Course in Differential Equations. (5<sup>th</sup> ed.). Thompson Learning Publishers

Course Description: Treatment of ordinary differential equations, including principle types of first and second order equations, simultaneous equations, and linear equations with constant coefficients. Applications to geometry, physics, chemistry and mechanic. Prerequisite: A minimum grade of C or higher in MATH 2520.

**MATH 4340 Modern Elementary Math I Dr. F. Hartfield (Instructor)**

Reference:

Miller, Charles D., Heeren, Vern E. Hornsby by John E. Hornsby, Jr. Mathematical Ideas. (11<sup>th</sup> ed.). Addison-Wesley Educational Publishers (Harper Collins College Publishers).

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Course Description: A course in mathematics for prospective and in-service teachers of elementary mathematics. Stressing the art of problem solving, basic set theory, introduction to logic, numeration and mathematical systems. Prerequisite: A minimum grade of C or higher in MATH 1330.

**Department of Music**  
**Textbooks for Summer & Fall 2010**

**Required Textbooks for Summer 2010**

**Music – Band Techniques 3222**

Textbook: Walker, Darwin E. *Teaching Music: Managing the Successful Music Program*. 2<sup>nd</sup> Ed., Schirmer/Thomson Learning Publishers, 1989 & 1998

**Course Description:** For instrumental majors. A study of the program and purpose of the marching band in public schools. Emphasis placed on types of formation, selection of music, writing and arranging of music scores.

**Music – Theory I 1206**

Textbook: Ottman, Robert. *Elementary Harmony and Elementary Harmony Workbook*. 5<sup>th</sup> Ed. Prentice-Hall Publishers. Prentice Hall, NJ . 1998.

**Course Description:** A study of scales, intervals, chords through the ninths. Drills in all diatonic and chromatic scales and intervals.

**Music – Sight-Singing 1106**

Textbook: Ottman, Robert. *Music for Sight-Singing*. 7<sup>th</sup> Ed. Prentice-Hall Publishers. Prentice Hall, NJ . 1998.

**Course Description:** Introductory ear-training and melodic and rhythmic dictations are studied.

**Music –Music History and Appreciation 2330**

Textbook: *Music An Appreciation by Roger Kamien*. 5<sup>th</sup> Ed. New York: McGraw Hill Higher Education, 2006.

**Course Description:** Designed for non-music majors who elect to study music as a cultural experience. A survey and listening course of music literature from several periods and genres.

**Textbooks Required Fall 2010**

**Music – Piano Class I 1160**

Textbook: Lancaster, & Renfrow. *Alfred's Group Piano for Adults, Book 1* (2<sup>nd</sup> Edition).

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Course Description.** A course in practical keyboard facility, sight-reading, elementary improvisation and keyboard harmony. For music majors who do not meet minimum piano proficiency. This course is also open to any student regardless of major.

**Music – Piano Class II – 1161**

**Textbook:** Lancaster & Renfrow. **Alfred's Group Piano for Adults, Book 2** (2<sup>nd</sup> Edition)

**Course Description:** A continuation of content and materials in Music 1160, but at the intermediate level. Emphasis on more advanced piano performance techniques, literature, improvisation and advanced keyboard harmony.

**Music – Piano Class Intermediate 1162**

**Textbook:** Bastien, Jane Smisor, Lisa and Lori. **Piano for Adults, Book 2.** San Diego: Kjos Music Press, 1999.

**Course Description:** A continuation of keyboard and musical skills introduced in Music 1161, striving for greater proficiency in keyboard technique, sight reading, improvisation, repertoire and keyboard harmony.

**Music - Piano Class 1163**

**Textbook:** Bastien, Jane Smisor, Lisa and Lori. **Piano for Adults, Book 2.** San Diego,. Kjos Music Press, 1999.

**Course Description:** An advanced course in piano stressing continued development of the skills from the previous levels. There is a greater emphasis on repertoire. Course can be used as preparation for applied piano study.

**Music – Voice Class 1231**

**Textbook:** Stanton, Royal. **Steps for Singing for Voice Classes.** 3<sup>rd</sup> Ed. Prospect Heights, IL: Waveland Press, Inc., 2000.

**Course Description:** Designed especially for music students who do not study voice privately. An introductory course in vocal habits, tone production, breathing, phrasing, diction and vocal literature.

**Music - Prep Theory 1305**

**Textbook:** **Alfred's Essentials of Music Theory** Surmani, Andrew, Karen. Farnum, and Orton Manus; Alfred Publishing Company.

**Course Description:** Introductory course for students who do not pass Theory Placement Test. Study of clefs, scales, key signatures , time signatures, basic intervals and triads.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Music – Theory II 1207:**

**Textbook:** *Elementary Harmony Theory and Practice* by Robert W. Ottman

**Course Description:** This course is a continuation of Theory I. Harmonic progression, types of melodies and cadences, and four-part writing are studied.

**Music - Sight Singing & Ear-Training II 1206**

**Textbook:** Robert Ottman. *Music for Sight-Singing* Prentice Hall Publishers. Prentice Hall, New Jersey. 2006

**Course Description:** Harmonic dictation is introduced in aural skills.

**Music Theory IV 3224**

**Textbook:** *Advanced Harmony by Robert Ottman*

**Course Description:** Present advanced harmonic and melodic practices of the Baroque and Classical periods, including use of non-traditional four part chords such as the augmented sixth family, secondary dominant and secondary leading tone chords, and borrowed chords.

**Music – Sight-Singing IV 3124**

**Textbook:** Ottman, Robert. *Music for Sight-Singing*. Prentice Hall Publishers. Prentice Hall, New Jersey. 2006

**Course Description:** This course will continue the strides begun in the previous semester.

**Music – Theory VI 3340**

**Textbook:** *Counterpoint*, 4<sup>th</sup> Ed., by Kent Kennan, Prentice Hall Publishers, 1999.

**Course Description:** Counterpoint. Study of 18<sup>th</sup> century contrapuntal practices and procedures. Exercises in two-voice counterpoint. Study of diatonic, fugal and chorale forms.

**Music - Strings Methods 2126**

**Textbook:** Kotman, Robert. *Teaching Strings*. New York: Schirmer, 1996.

**Course Description:** Class instruction in string instruments with emphasis on teaching principles, methodologies, materials, technologies, and curriculum development for string classes in elementary and secondary schools. Lab experiences in teaching beginning string students in individual and group settings will be an integral part of instruction.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Music – Woodwind Methods 2127**

**Textbook:** Dietz, William. *Teaching Woodwinds*. New York: Schirmer, 1998.

**Course Description:** Class instruction in woodwind instruments with emphasis on teaching principles, methodologies, material, technologies, and curriculum development for woodwind classes in elementary and secondary schools. Lab experiences in teaching beginning wind students in individual and group settings will be an integral part of instruction.

**Music – Diction 2315**

**Textbook:** Adams, David. *A Handbook of Diction for Singers*. New York Oxford University Press, 1998.

**Course Description:** Introductory diction class for music majors. Study of topics to include pronunciation rules of Italian, German, and French utilizing the International Phonetic Alphabet. Prerequisite: Student must be a music major, applied voice.

**Music – Conducting I 2222**

**Textbook:**

**Course Description:** A study of the elements important to the development of competent and effective conductors. The students will study: traits of good conductor and good conducting, fundamental conducting techniques (proper preparation, beat patterns, cueing, sub-division and divided meters, the use of the left hand, asymmetrical and changing meters, terms, phrasing), the mechanics of expressive conducting dynamics, tempi, nuance), effective communication by the conductor, and score study and arranging and the use of the computer and music writing software. Also studied will be learning and theory.

**Music – Orchestration and Arranging, 4310**

**Textbook:** Orchestration and Arranging: *The Technique of Orchestration* (5<sup>th</sup> Ed.) by Kent Kennan, Donald Grantham. Prentice-Hall Publishers. Prentice Hall, New Jersey. 2002.

**Course Description:** This course emphasizes the practical study of the qualities and varied capabilities of all orchestral and band instruments. This course teaches the skills of scoring music for band, orchestra, and smaller ensembles. The student will have experiences arranging for band and orchestra. Principles of instrumental scoring and transposition will be taught. Prerequisite: Theory I-IV.

**Music – Music History 3321**

**Textbook:** Burkholder, J. Peter, Donald Grout, and Claude V. Palisca. *A History of Western Music*. 7<sup>th</sup> ed. New York: Norton & Company 2006.

Burkholder, J. Peter and Claude Palisca, eds. *Norton Anthology of Western Music*. Vol. 1: Ancient Baroque, 5<sup>th</sup> ed. New York: W.W. Norton & Co., 2006.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

Burkholder, J. Peter and Claude Palisca. ***Norton Anthology of Western Music***. Vol. 1: Ancient to Baroque, 5<sup>th</sup> ed., New York: W.W. Norton & Company, 20-06

**Course Description:** A study of the history of music from antiquity to the present time with emphasis on the evolution and growth of major developments in music, on the historical contexts from which these developments come and on significant composers, performers and theorists. Music literature from all stylistic periods will be studied through listening and score analysis. These classes should be taken in the junior year.

**Music – Public School Music 2350**

**Textbook:** Winslow, Dallins & Kierst *Music Skills for Classroom Teachers*, 9<sup>th</sup> Ed. William Brown Publishers

**Course Description:** For elementary education majors. Fundamentals of music, elementary ear training. And rhythmic skills, playing classroom instruments, performance of simple melodies on the piano, study of appropriate song literature and music terminology for grades K-6.

**Music – Band Techniques 4222**

**Textbook:** Walker, Darwin E. ***Teaching Music: Managing the Successful Music Program***. 2<sup>nd</sup> Ed., Schirmer/Thomson Learning Publishers, 1989 & 1998

**Course Description:** For instrumental majors. A study of the program and purpose of the marching band in public schools. Emphasis placed on types of formation, selection of music, writing and arranging of music scores.

**Music – General Music Methods, Elementary, Middle and Secondary Grades 3310**

**Textbook:** Campbell, Patricia and Carol Scott-Kasner. ***Music in Childhood: From Preschool through the Elementary Grades***. Old Tappan, New Jersey: Schirmer Books/Simon & Schuster, 2005.

**Course Description:** The study of children's growth through singing, listening, creativity, rhythmic movement, instrumental and reading. Opportunity to explore techniques of Orff, Kodaly, Dalcroze, Suzuki and others. Also, the study of materials and methods employed in elementary, junior, middle and secondary schools. Special emphasis on the general music class K-12

**Music History/ Literature/**

**Music –Music History and Appreciation 2330**

**Textbook:** ***Music An Appreciation by Roger Kamien***. 5<sup>th</sup> Ed. New York: McGraw Hill Higher Education, 2006.

**University of Arkansas at Pine Bluff**  
**Textbook RE: Implementation of Act 175 of 2007**  
**Summer and Fall 2010**

**Course Description:** Designed for non-music majors who elect to study music as a cultural experience. A survey and listening course of music literature from several periods and genres.

**MUSI – Digital Audio Recording Techniques 4301**

**Textbook:** Huber, Miles: *Modern Recording Techniques*. Focal Press. 6<sup>th</sup> Ed. 2005.

Pohlmann, Ken C. *Principles of Digital Audio*. McGraw-Hill/TAB Electronics. 5<sup>th</sup> Ed. 2005.

Utz, Peter. *Introduction to Audio*. A-R Editions. Middleton, WS. 2003

Kefauver, Alan P. *The Audio Recording Handbook*. A-R Editions. Middleton, WS . 2001.

**Music – Introduction to Recording Studio Techniques 2301**

**Textbook:** Huber, Miles. *Modern Recording Techniques*. Focal Press. 6<sup>th</sup> Ed., 2005

**Course Description:** A survey of the fundamental techniques of the audio studio recording process, including signal flow, microphones, multi-track recording, audio mixing, signal processing analog and digital recording, DAT and CD-R recording media as well as live and multi-take recording. Course taught in lecture/lab format with outside assignments involving both library research and hands-on studio lab work.