

College of Education

Interim Dean, Dr. Frank J. Esposito

Assistant to the Dean, Mr. Ronald Dowdell

For certification in subject areas K-12, see the appropriate liberal arts or science major. The College of Education at Kean University has achieved national recognition as the largest producer of teachers in the state of New Jersey. Since 1955, it has continued to earn accreditation by the National Council for the Accreditation of Teacher Education. Notably, only one-third of the schools that produce teachers in the United States earn this certification. Today, Kean graduates are making a real difference in the lives of young people both in the United States and abroad. The College of Education boasts an outstanding faculty, who are truly dedicated to the success of teacher candidates.

ACADEMIC DEGREES, PROGRAMS

- B.S. in Athletic Training
- B.A. in Early Childhood
- B.A. in Elementary Education
- B.A. in Elementary Education,
Bilingual Education Option
- B.A. in Physical Education
 - Adult Fitness Option
 - Health and Physical Education Teaching Certification Option
 - Physical Education Teaching Certification Option
- B.A. in Recreation Administration
 - Therapeutic Recreation Option
 - Commercial Recreation Option
 - Community Recreation Option
- B.A. in Speech and Hearing
 - Speech-Language
 - Hearing Sciences
- B.A. in Special Education - Teacher of Students with Disabilities
 - Options include P-3, K-5, K-5/5-8

DEPARTMENTS, FACULTY

Communication Disorders and Deafness
Faculty: Bartolotta, Gertner, Glazewski, Lecomte, Goodman, Perigoe, Reese, Santo-Pietro, Shulman (Chairperson)

Communication Sciences and Educational Services

Faculty: Carmichael, Cohen, Crew, Karstadt, Kastner (Chairperson), Merlo, Rey, Risemberg, Schuman, Tracey, Walter, Young

Early Childhood and Family Studies

Faculty: Allen (Chairperson), Ashelman, Chen, Garnett, Hoffman, Kelly, Knight, Lenhoff, Martin, Rosen, Searson

Elementary, Middle and Secondary Education

Faculty: Baldassini, Banit, Brendzel, Bucciarelli, Cahir, Del Risco, Ippolito, Kavett, Kolodiy, Lopez, Mahan, Ortiz, Osborne, Preil, Reynolds, Schuhmann, Striplin, Walko, Walsh, Weiger (Chairperson), Weiner, Welch

Education Leadership

Faculty: Babo (Chairperson), Celso, Christie, Elovitz, Jackson, Mark, Walko

Physical Education, Recreation and Health

Physical Education Faculty: Andzel, Bakker (Chairperson), Ball, Burden, Martinez, Murgia, Oussaty, Palgi

Recreation Faculty: Marder, Stavola-Daly, Valentine

Health Faculty: Bonilla, Bowe, Feehan, MacLaury, Nixon

Special Education

Faculty: Beauchamp, Blake, Fennick, Fisher (Chairperson) Jonas, Kling, Lee, Segal, Simone, Strigari

Counselor Education

Faculty: Bride, Dodd, Gary (Chairperson), Mascari, McLean, Rodriguez-Solis, Stroh

Physical Education

Chairperson: Dr. Richard Bakker

HW-208, (908) 737-5502

The major in physical education provides for professional preparation in two areas of specialization: adult fitness and teaching certification. Students selecting the adult fitness option would be qualified for adult fitness positions in business and industry. Students selecting the teaching option would be qualified to teach grades K-12. One of the teaching options is for physical education only; the other is for health and physical education.

A combined 2.75 G.P.A. from Kean and other higher education institutions is required for admission into the major and continuation and graduation from the program. For other admission requirements refer to the Physical Education Major's Handbook.

B.A. DEGREE PHYSICAL EDUCATION

OPTION: ADULT FITNESS

Coordinator: Dr. Walter Andzel
(908) 737-5436

GENERAL EDUCATION REQUIREMENTS 51-53

FOUNDATIONS REQUIREMENTS 12

GE 1000	Transition to Kean	1
ENG 1030	Composition	3
MATH 1000	Algebra for College Students	3
COMM 1402	Speech Communication as Critical Citizenship	3
GE 2022	Research & Technology	3

DISCIPLINARY/INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS

<i>Humanities</i>		9
ENG 2403	World Literature	3
Select two courses from different areas:		
Fine Arts or Art History		3
Foreign Languages		3
Music or Theatre		3
Philosophy or Religion		3
<i>Social Science</i>		9
HIST 1000	History of Civil Society in America	3
PSY 1000	General Psychology	3
SOC 1000	Introduction to Sociology	3
<i>Science & Mathematics</i>		11
MATH/CPS		3
BIO 1000	Principles of Biology	4
BIO 2402	Anatomy & Physiology	4

<i>Health & Physical Education</i>		4
ID 1225	Issues Contemporary Health	3
PED 1151	Folk & Square Dance	1

CONCENTRATION 6-8

See Department Advisor for Selection of Concentration Courses

ADDITIONAL REQUIREMENTS 6

PSY 3120	Adult Psychology	3
ID 2950	Technology and the Young Child	3

CAPSTONE COURSE 3

PED 4625	Org. Adm. of Adult Fitness Prgm.	3
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MAJOR REQUIREMENTS 54

PED 1500	Introduction to Motor Learning	3
MGS 2030	Business Organ. & Management	3
PED 2500	Biomechanics	3
PED 2520	Introduction to Athletic Training	3
PED 2800	Pre-Prof. Field Experience	3
HED 3231	First Aid and Accident Prevention	3
PED 3505	Kinesiology	3
PED 3510	Physiology of Exercise	3
HED 3600	Nutrition	3
PED 3612	Group & Personal Exer. Prog.	3
PED 3692	Junior Field Exp. Fitness	1
HED 4231	First Aid Instructor	3
PED 4600	Adapted Physical Education	3
PED 4605	Assessment in Physical Educ.	3
PED 4626	Prescriptive Exercise Prog.	3
PED 4627	Adult Fitness Internship	3
PED 4629	Exercise Testing & Interpretation	3
PED 4630	Electrocardiography	3

MOVEMENT FORMS 12

<i>Dance-select one:</i>		
PED 1101, 1103, 2101, 2102		
<i>Gymnastics-select one: (2 s.h.)</i>		
PED 1045, 1047, 2048		
<i>Team Sports-select three:</i>		
PED 1010, 1030, 1035, 1055, 1065, 1070, 1075, 1095, 2010, 2030, 2035, 2065, 2095		
<i>Individual Sports-select three</i>		
PED 1000, 1005, 1015, 1021, 1022, 1023, 1025, 1040, 1080, 1081, 1088, 1091, 1092, 1098, 1105, 1107, 1110, 1113, 1200, 1920, 2000, 2025, 2040, 2082, 2083, 2084, 2088		

<i>Required</i>		3
PED 1011	Strength Fitness	
PED 1020	Personal Fitness	
PED 1130	Aerobic Dance	

FREE ELECTIVES 9

Selected with advisement. At least 50% must be at 3000 level or above.

TOTAL 136

* See Physical Education Majors Handbook about the swimming requirements.

B.A. DEGREE

OPTION: PHYSICAL EDUCATION TEACHER CERTIFICATION

GENERAL EDUCATION & ADDITIONAL LIBERAL ARTS REQUIREMENTS 60

GENERAL EDUCATION REQUIREMENTS 45

FOUNDATIONS REQUIREMENTS 12

GE 1000	Transition to Kean	1
ENG 1030	Composition	3
MATH 1000	Algebra for College Students	3
COMM 1402	Speech Communication as Critical Citizenship	3
GE 2022	Research & Technology	3

DISCIPLINARY/INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS

<i>Humanities</i>		9
ENG 2403	World Literature	3
Select two courses from different areas:		
Fine Arts or Art History		3
Foreign Languages		3
Music or Theatre		3
Philosophy or Religion		3
<i>Social Sciences</i>		9
HIST 1000	History of Civil Society in America	3
PSY 1000	General Psychology	3
SOC 1000	Introduction to Sociology	3

Science & Mathematics 11

MATH 1010 (Recommended)		3
BIO 1000	Principles of Biology	4
BIO 2402	Human Physiology & Anatomy	4

Health & Physical Education 4

ID 1225	Issues Contemporary Health	3
PED 1151	Folk & Square Dance	1

ADDITIONAL REQUIREMENTS 15

PSY 2100	Child Psychology	3
ID 2950	Technology & the Young Child	3

Select three courses from Disciplinary/Interdisciplinary Areas	9				
<i>Sophomore Level</i>					
PED 2800 Pre-Professional Field Exp.	3				
<i>Junior Level</i>					
EDUC 3000 Curr. Eval. & Learner	3				
EDUC 3401 Lang. Arts/Reading K-12	3				
PED 3610 Curr./ Prog. Elem PED	3				
PED 3611 Curr./Prog. Sec. PED	3				
PED 3690 Junior Field Elementary	1				
PED 3691 Junior Field Secondary	1				
EMSE 3903 Teaching ELL	1				
<i>Senior Level</i>					
PED 4690 Student Teaching	9				
EDUC 4000 Teacher & The Classroom	3				
CAPSTONE COURSE					
PED 4610 Org. /Adm. /Sup. of Phy. Ed.	3				
ACADEMIC MAJOR 36					
PED 1500 Intro to Motor Learning	3				
PED 2500 Intro to Biomechanics	3				
PED 3505 Kinesiology	3				
PED 3510 Physiology of Exercise	3				
PED 4600 Adapted Physical Education	3				
PED 4605 Assessment in Physical Education	3				
HED 3231 First Aid & Accident Prev.	3				
Select one Health Education course from the following:	6				
HED 3300 Community Mental Health	3				
HED 3400 Human Sexuality	3				
HED 3537 School and Community Health Programs	3				
HED 3600 Nutrition	3				
HED 3625 Intro to Public Health	3				
HED 3725 Death in Perspective	3				
HED 4333 Drug Use and Abuse	3				
HED 4650 Community Health Counseling	3				
MOVEMENT FORMS 12					
<i>Dance-select one:</i>					
PED 1101, 1103, 2101, 2102					
<i>Gymnastics-select one:</i>					
PED 1045, 1047, 2048					
<i>Team Sports-select three:</i>					
PED 1010, 1030, 1035, 1055, 1065, 1070, 1075, 1095, 2010, 2030, 2035, 2065, 2095					
<i>Individual Sports/Activities-select three:</i>					
PED 1000, 1005, 1011, 1015, 1020, 1021, 1022, 1023, 1025, 1040, 1080, 1081, 1088, 1091, 1092, 1098, 1105, 1107, 1110, 1113, 1130, 1200, 1920, 2000, 2025, 2040, 2082, 2083, 2084, 2088					
Option					
Select any three from above Movement Form categories or select one 3 credit elec- tive from within the Physical Education/Health courses					
Elective	3				
OR					
Physical Education	1				
Physical Education	1				
Physical Education	1				
TOTAL	133				
B.A. DEGREE					
OPTION: HEALTH AND PHYSICAL EDUCATION TEACHING CERTIFICATI					
GENERAL EDUCATION & ADDITIONAL LIBERAL ARTS REQUIREMENTS 60					
GENERAL EDUCATION REQUIREMENTS 45					
FOUNDATIONS REQUIREMENTS 12					
GE 1000 Transition to Kean	1				
ENG 1030 Composition	3				
MATH 1000 Algebra for College Students	3				
COMM 1402 Speech Communication as Critical Citizenship	3				
GE 2022 Research & Technology	3				
DISCIPLINARY/INTERDISCIPLINARY DISTRIBUTION REQUIREMENTS					
<i>Humanities</i>					
ENG 2403 World Literature	3				
Select two courses from different areas:					
Fine Arts or Art History	3				
Foreign Languages	3				
Music or Theatre	3				
Philosophy or Religion	3				
<i>Social Sciences</i>					
HIST 1000 History of Civil Society in America	3				
PSY 1000 General Psychology	3				
SOC 1000 Introduction to Sociology	3				
<i>Science & Mathematics</i>					
MATH 1010 (Recommended)	3				
BIO 1000 Principles of Biology	4				
BIO 2402 Human Physiology & Anatomy	4				
<i>Health & Physical Education</i>					
ID 1225 Issues Contemporary Health	3				
PED 1151 Folk & Square Dance	1				
ADDITIONAL REQUIREMENTS 15					
PSY 2100 Child Psychology	3				
ID 2950 Technology and the Young Child	3				
Select three courses from Disciplinary/Interdisciplinary Areas:	9				
PROFESSIONAL EDUCATION 30					
<i>Sophomore Level</i>					
PED 2800 Pre-Prof. Field Experience	3				
<i>Junior Level</i>					
EDUC 3000 Curr. Eval. & Learner	3				
EDUC 3401 Lang. Arts/Reading K-12	3				
PED 3610 Curr./Prog. Elem PED	3				
PED 3611 Curr./Prog. Sec. PED	3				
PED 3690 Junior Field Elementary	1				
PED 3691 Junior Field Secondary	1				
EMSE 3903 Teaching ELL	1				
<i>Senior Level</i>					
PED 4690 Student Teaching	9				
EDUC 4000 Teacher & Classroom	3				
CAPSTONE COURSE 3					
PED 4610 Org./Adm./sup. of Physical Ed.	3				
ACADEMIC MAJOR 45					
PED 1500 Intro to Motor Learning	3				
PED 2500 Intro. Biomechanics	3				
PED 3505 Kinesiology	3				
PED 3510 Physiology of Exercise	3				
PED 4600 Adapted PED	3				
PED 4605 Assessment In Physical Education	3				
HED 3231 First Aid & Accident Prevention	3				
HED 3533 Methods & Materials	3				
Select three Health Education courses from the following:	9				
HED 3300 Community Mental Health	3				
HED 3400 Human Sexuality	3				
HED 3537 School and Community Health Program	3				
HED 3600 Nutrition	3				
HED 3625 Intro. To Public Health	3				
HED 3725 Death In Perspective	3				
HED 4333 Drug Use and Abuse	3				
HED 4650 Community Health Counseling	3				
MOVEMENT FORMS 12					
<i>Dance – select one</i>					
PED 1101, 1103, 2101, 2102					
<i>Gymnastics - Select one (2 s.h.)</i>					
PED 1045, 1047, 2048					
<i>Team Sports – select three</i>					
PED 1010, 1030, 1035, 1055, 1065, 1070, 1075, 1095, 2010, 2030, 2035, 2065, 2095					
<i>Individual Sports – Select three</i>					
PED 1000, 1005, 1011, 1015, 1020, 1021, 1022, 1023, 1025, 1040, 1080, 1081, 1088, 1091, 1092, 1098, 1105, 1107, 1110, 1113, 1130, 1200, 1920, 2000, 2025, 2040, 2082, 2083, 2084, 2088					

Option

Select any three from above Movement Form categories or select one 3 credit elective from within the Physical Education/Health courses.

TOTAL 139

MINOR

REQUIRED COURSES 19

ID	1225	Issues/Values of Contemporary Health	3
HED	3231	First Aid and Accident Prevention	3
HED	3533	Methods and Materials of Health Education in Elementary and Secondary Schools	3
BIO	2402	Essentials of Human Physiology/Anatomy	4

ELECTIVES 6

Two courses in health education selected with advisement

HEALTH EDUCATION COURSES

HED 3150 Personal Health Maintenance (3)

Designed to prepare students to become active consumer health participants in the maintenance and promotion of their own and their family's health. Special supplies needed will not exceed \$20.

HED 3160 Health Perspectives for Women (3)

An examination of the unique psychological, sociological, physical and sexual aspects of feminine health. Attention will be directed toward the development of consumer awareness necessary for interaction with the health care system.
Prerequisite: ID 1225 or permission of instructor.

HED 4100 Independent Study in Health Education (1-3)

Intensive study in an area of health education implemented by the student under the guidance of a health education member in the Department of Physical Education, Recreation, and Health. Open only to students with permission of the instructor and department chairperson to complete a specific need not available in currently offered established courses.

FIRST AID, SAFETY, ACCIDENT PREVENTION

HED 3230 Perspectives in Safety (3)

An in-depth study of the basic fundamentals of safety. Study will deal with school fire, auto and industrial safety.

HED 3231 First Aid Accident Prevention (3)

Theory and practice of first aid and cardiopulmonary resuscitation and study of accident prevention procedures including

non-swimming water safety skills. Upon successful completion of this course, the student is eligible to receive the American Red Cross certification in standard first aid and personal safety and certification for CPR - (cardiopulmonary resuscitation) - basic life support.

HED 4231 First Aid Instructor Course (3)

Essential information and curriculum development required by American Red Cross for certification as an instructor of standard first aid and personal safety and cardiopulmonary resuscitation basic life support.
Prerequisite: HED 3231 or permission of instructor.

PSYCHOLOGICAL

HED 3300 Community Mental Health (3)

A study of personality development and human adjustment with an examination of treatment procedures and prevention programs.

HED 3725 (3350) Death in Perspective (3)

The past, present and future individual and societal concepts of dying, death and bereavement, death education, and exploration of related ethical issues. A field trip is required.

HED 4333 Drug Use and Abuse (3)

A course which promotes biopsychosocial exploration of chemical use and dependency. Students are given the opportunity to learn about drug use and abuse, explore their attitudes about this topic, and build skills in promoting drug prevention and intervention strategies.

SEXUALITY

HED 3400 Human Sexuality (3)

Sex and sexuality in today's society, with implications for evolving interpersonal relationships, dating patterns, marriage, and responsible parenthood.

HED 4434 Contemporary Sexual Issues and Values (3)

Designed to prepare teachers of human sexuality for both elementary and secondary school levels. Attention given to teaching techniques, curriculum design and program implementation.
Prerequisite: HED 3400.

HED 4450 Sexual Function and Dysfunction (3)

Anatomical and physiological aspects of the human reproductive system and their relation to psychosexual maturation. Effects of psychological and sociological factors upon human sexuality.
Prerequisite: HED 3400 or 4434.

HED 4725 Human Sexuality in the Later Years (3)

Course provides an in-depth investigation into specific issues and knowledge of human sexuality in the later years.
Prerequisite: HED 3400 or permission of instructor.

EDUCATION

HED 3506 Health Education in the Elementary School (1-1/2)

An examination of health services, school health environment, and the school health curriculum at the elementary school level. Special attention will be paid to the role of the elementary school teacher as a health educator.

HED 3533 Methods and Materials of Health Education in Elementary and Secondary Schools (3)

Prepares K-12 health educators to promote their students' wellness by providing accurate information, exploring personal values, and enhancing healthful behaviors.
Prerequisites: ID 1225 plus two of the following courses: HED 3400, HED 3600 and HED 4333.

HED 3537 School and Community Health Program (3)

The school and community health program, the teacher's role in school and community health services, healthful school environment, and health instruction in the elementary school.

COMMUNITY HEALTH

HED 1600 Animal Control Officer's Training (3)

Preparation for pending State Certification as Animal Control Officers. Topics include: legal authority for animal control (federal, state, local); procedures for court action; community relations; animal behavior and health; shelter operations field trips.

HED 2600 Consumer Health (3)

Criteria for critical decision making in the selection of health information, health products and health services, investigation of the effects of misconceptions, fads, and quackery in health behavior and attitudes.

HED 3600 Nutrition (3)

Nutritional facts required for daily dietary needs related to mental, physical and social performance.

HED 3635 Introduction to Public Health (3)

Prevention, sociological and anthropological aspects, planning, and organization of community health problems and programs.

HED 4650 Community Health Counseling (3)

An analysis of physical, mental, emotional and social health problems of elementary and secondary school pupils, as well as remedial procedures and handling of confidential records.

ID 1225 Critical Issues and Values of Contemporary Health (3)

Contemporary health issues and health-related problems coupled with an exploration of selected resources and strategies designed to advance individual, familial, and community health.
This is the only course which fulfills the General Education Health Education requirement. (See Interdisciplinary Listings).

PHYSICAL EDUCATION COURSES

MOVEMENT FORMS: SPORT AND FITNESS

- PED 1000 Beginning Archery (1)**
Archery, terminology, safety and fundamental skills. Opportunities will be provided for competition and archery games.
- PED 1005 Badminton I (1)**
Includes the skills, knowledge and strategies of badminton.
- PED 1010 Beginning Basketball (1)**
Fundamental skills, techniques, rules, and concept of play.
- PED 1011 Strength Fitness (1)**
An activity course focusing on body building methods and techniques such as free weights, Cybex, Nautilus and Universal machines as a fitness activity.
- PED 1015 Bowling (1)**
The fundamentals of beginning bowling discussed and demonstrated, particularly the basic approaches and deliveries. Rules and scoring regulations also discussed.
- PED 1018 Canoeing (2)**
Covers lake and river canoeing techniques. Qualifications for Red Cross Basic Canoeing Certificate will be met. Fee required.
Prerequisites: PED 1081 or equivalent; or successful completion of a swim test (10- minute support fully clothed).
- PED 1020 Personal Fitness I (1)**
Development of cardiovascular, cardio-respiratory and musculoskeletal fitness through physiological conditioning.
- PED 1021 Personal Fitness II (1)**
A continuation of Personal Fitness I stressing lifetime benefits of personal fitness.
Prerequisites: Personal Fitness I or permission of instructor.
- PED 1022 T'ai Chi Chih (1)**
Circulate and balance the intrinsic energy, the vital force of the body known as "chi," through the non-martial art of T'ai Chi Chih, a moving meditation. Originated by Justin Stone, 20 simple, fluid movements are introduced and practiced. Benefits of regulated blood pressure, weight and stress reduction, greater energy, peak performance.
- PED 1025 Beginning Fencing (1)**
Fundamentals of foil fencing and the rudiments of competition.
- PED 1030 Beginning Field Hockey (1)**
Fundamental skills, techniques, rules and concepts of team play in field hockey.
- PED 1035 Beginning Football (1)**
Basic motor skills and offensive and defensive strategies in football.
- PED 1040 Beginning Golf (1)**
The basic skills of golf examined.
- PED 1045 Beginning Gymnastics (Men's Events) (1)**
Required of all male physical education majors and an elective for non-majors. Emphasis on basic gymnastics skills in the six Olympic events for men: floor exercise, vaulting, parallel bars and horizontal bar, pommel horse and still rings. Designed to introduce the student to gymnastics and develop the student's skill.
- PED 1047 Beginning Gymnastics (Women's Events) (1)**
Required of all female physical education majors and an elective for non-majors. Emphasis on basic gymnastics skills in the four Olympic events for women: floor exercise, vaulting, uneven parallel bars, and balance beam. Designed to introduce the student to gymnastics and develop the student's skill.
- PED 1055 Lacrosse (1)**
Basic skills and techniques necessary to participate in lacrosse games.
- PED 1060 Skiing (1)**
Suitable for beginning through intermediate downhill skiers. Techniques, conditioning, equipment, and safety addressed. Off campus, fee required (lift tickets and, if appropriate, equipment rental).
- PED 1062 Self Defense for Women (1)**
Recognition of risk situations and attitudes, avoiding unwanted approaches, and specific self defense maneuvers.
- PED 1065 Beginning Soccer (1)**
Basic skills, techniques, rules and concepts of soccer.
- PED 1070 Beginning Softball (1)**
Skills, techniques, rules and team strategies of softball.
- PED 1075 Speedball (1)**
Skills, techniques, rules, and concepts of speedball.
- PED 1080 Beginning Swimming (1)**
The inexperienced swimmer develops a feeling of safety in deep water; learns a one-minute support and swims a minimum of two pool lengths using two different strokes in two different positions. Only those students who cannot swim two lengths of the pool (50 yards) will be accepted in this course.
Prerequisite: Novices or non-swimmers only.
- PED 1081 Intermediate Swimming (1)**
The seven basic swimming strokes, beginner's diving, water games and stunts.
Prerequisite: Course is designed for students who can swim for a distance of 50 yards and feel comfortable in deep water.
- PED 1088 Beginning Tennis (1)**
Fundamental tennis skills: forehand and backhand, serve, and volley. Basic singles and doubles strategies and rules.
- PED 1090 Paddle (Platform) Tennis (1)**
Covers the basic skills, rules and strategies for effective doubles play. Off-campus facilities used; fee required.
- PED 1091 Beginning Racquetball (1)**
Racquetball skills: Strategies and rules. Off-campus courts will be used; fee required.
- PED 1092 Track and Field (1)**
Beginning skills in track and field events.
- PED 1095 Beginning Volleyball (1)**
Individual skills, techniques, and strategies of power volleyball.
- PED 1098 Wrestling (1)**
Introduction to the fundamental techniques and strategies of free-style wrestling with emphasis on the biomechanics of the activity.
- PED 1107 Creative Movement (1)**
An introduction in exploring and discovering the creative process through movement for Expressive purposes. Practice on problem solving movement activities, improvisation, And composition. Attending a dance performance outside of the class is required for supplementing the instruction and to broaden the student's understanding, awareness and appreciation of the Art of Dance.
- PED 1130 Aerobic Dancing (1)**
A total exercise experience, combining music and dancing, with emphasis upon development of cardiovascular fitness.
- PED 1920 Designing Games (1)**
Introduces principles and practices of customizing games so that individuals of all abilities can become more skillful (motor, cognitive, and social) games players. This course is appropriate for physical educators, recreation professionals and classroom teachers.
- PED 2000 Intermediate Archery (1)**
Advanced shooting in target archery, target archery tournaments, field archery, field archery tournaments, archery games and novelties.
Prerequisite: PED 1000 or permission of instructor.
- PED 2010 Intermediate Basketball (1)**
Advanced techniques of offensive and defensive patterns of basketball.
Prerequisite: PED 1010 or permission of instructor.
- PED 2025 Intermediate Fencing (1)**
Advanced foil skills and techniques, and basic epee and sabre skills.
Prerequisite: PED 1025 or permission of instructor.
- PED 2030 Intermediate Field Hockey (1)**
Advanced skills and techniques of field hockey, advanced team strategy.
Prerequisite: PED 1030 or permission of instructor.
- PED 2035 Intermediate Football (1)**
More advanced fundamentals, rules, strategy, concepts and methods of teaching football.
Prerequisite: PED 1035 or permission of instructor.
- PED 2040 Intermediate Golf (1)**
Covers performance, biomechanical analysis of advanced golf skills, and play analysis.
Prerequisite: PED 1040 or permission of instructor.

PED 2048 Intermediate Gymnastics (Mixed Events) (1)

An elective course open to physical education majors and non-majors. Emphasis on more advanced gymnastics skills in the various Olympic events for men and women. Designed to advance the student's skill and knowledge in gymnastics beyond the basic skills.

Prerequisite: Beginning Gymnastics or permission of instructor.

PED 2065 Intermediate Soccer (1)

Emphasis on intermediate soccer skills, knowledge of offensive and defensive team strategies, and the appreciative aspects of spectating.

Prerequisite: PED 1065 or permission of instructor.

PED 2082 Advanced Swimming Skills (1)

Course deals with the acquisition of advanced swimming skills, fundamental dives, basic stunts, synchronized swimming, and snorkeling. Equipment needed: snorkel, mask, fins.

Prerequisite: Ability to swim front crawl, back crawl, breast stroke and side stroke in comfortable combination for 10 minutes in deep water.

PED 2083 American Red Cross Basic Lifeguarding (1)

Basic lifeguarding skills required for pool guards. A.R.C. basic lifeguard certification awarded upon participation and completion of skills and written tests.

Prerequisites: PED1081 Intermediate Swimming, current Red Cross Intermediate Certification, or Instructor's permission; Standard American Red Cross First Aid and Adult CPR Certificate.

PED 2084 Swimming Fitness (1)

An activity program using swimming activities for aerobic fitness and wellness benefits.

Prerequisites: The ability to swim front and back crawl, breast and side stroke in comfortable combination for 10 minutes in deep water.

PED 2085 Skin and Scuba Diving (1)

Basic skills of skin and scuba diving with special emphasis on safety. Leads to international scuba certification (P.A.D.I.). Fee required for scuba equipment rental.

Prerequisite: PED 1081.

PED 2088 Intermediate Tennis (1)

More advanced aspects of tennis: spin, overhead smash, drop shot, skills, strategies for the serve-and-volley game.

Prerequisite: PED 1088 or permission of instructor.

PED 2095 Intermediate Volleyball (1)

Intermediate techniques and strategies of power volleyball.

Prerequisite: PED 1095 or permission of instructor.

DANCE

PED 1101 Beginning Modern Dance I (1)

Fundamentals of movement technique for creative and expressive purposes.

PED 1102 Beginning Modern Dance II (1)

Development of Beginning Modern Dance I with emphasis on greater technical skills for stage performance purposes.

Prerequisites: PED 1101 or permission of instructor.

PED 1103 Beginning Jazz Dance I (1)

Fundamentals of contemporary jazz dance with emphasis on basic technique, rhythm and style.

PED 1104 Beginning Jazz Dance II (1)

Development of Beginning Jazz I with emphasis on technique and rhythm in greater depth for performance purposes.

Prerequisites: PED Beginning Jazz Dance I or permission of instructor.

PED 1105 Beginning Ballet I (1)

The historical development, the basic skill technique and the movement vocabulary in classical ballet.

PED 1106 Beginning Ballet II (1)

A continuation of PED 1105, Beginning Ballet I, placing emphasis upon higher skill levels of ballet vocabulary performance together with rhythmic accuracy, stage performance, and world wide ballet styles.

Prerequisite: PED 1105 or permission of instructor.

PED 1110 Ballroom Dancing (1)

Ballroom and social dance forms: Fox-trot, Texas Two-step, Polka, Swing, Waltz, Rumba, Cha-Cha, etc.)

PED 1113 Introduction to Latin Dance (1)

Fundamentals of social Latin dance with an emphasis on rhythm, footwork and partnering.

PED 1151 Folk and Square Dance (1)

The techniques, materials and cultural background of folk dance and square dance.

PED 2101 Intermediate Jazz Dance (1)

Development of intermediate level understandings and performance techniques related to jazz dance.

Prerequisite: PED 1103 or permission of instructor.

PED 2102 Intermediate Modern Dance (1)

Intermediate experience level of movement techniques, improvisation and choreography.

Prerequisite: PED 1101 or permission of instructor.

PED 2104 Intermediate Ballet I (1)

Development of the basic rules and movement vocabulary of intermediate ballet.

Prerequisite: PED 1106 or instructor's permission.

PED 2105 Intermediate Ballet II (1)

Elements of artistry in ballet and higher levels of movement vocabulary of intermediate ballet.

Prerequisite: PED 2104 Intermediate Ballet I or instructor's permission.

PED 3100 Creative Dance for Children (3)

Methods and materials in teaching of creative dance to children. Consideration will be given to the significance of creative movement in the education process.

PED 3101 Creative Movement for Selected Populations (3)

Methods and materials in the teaching of creative movement for selected populations. Consideration given to the significance of creative movement in the educational, recreational and rehabilitative process.

PED 3105 Dance History I (3)

Course traces the historic development of ethnic and social dance. Several visitations to dance performances required. This may involve the purchase of tickets.

PED 3106 Dance History II (3)

Course traces the historic development of theatrical dance, dance therapy, dance in education and dance notation in western culture. Several visitations to dance performances required. This may involve the purchase of tickets.

PED 3110 Dance Methods and Techniques for Physical Education Majors (2)

Methods and techniques of teaching modern dance.

PED 3115 Modern Dance Composition (3)

The elements of modern dance, accompaniment and staging as they relate to dance composition.

Prerequisite: PED 2100 or permission of instructor.

PED 3120 Dance Theater (3)

Study of basic techniques used in dance production including staging, accompaniment and learning a repertory dance culminating in a dance performance.

Prerequisites: PED 1102, 2101 or an audition.

PED 3160 Folk Dance for Children (1)

Designed to build an extensive repertoire of children's folk dances for teachers, recreational leaders and camp counselors. Techniques of analyzing, teaching and leading folk dancing for children from 5 through 14 years of age.

COACHING AND OFFICIATING

PED 3300 Scientific Principles of Coaching (3)

The biomechanical, physiological and psychological elements of coaching.

PED 3305 Coaching and Officiating of Swimming (3)

A study of rules, techniques and procedures for officiating swimming meets and the exploration of training methods and meet strategies. Students will be prepared to take a recognized swimming officials rating examination.

PED 3310 Coaching and Officiating of Baseball (3)

The rules, techniques and procedures for officiating baseball together with the strategies, fundamentals and psychology of coaching baseball will be examined. Students will receive preparation in order to pass a recognized umpires rating examination.

PED 3315 Coaching and Officiating of Basketball (3)

The rules, strategies, techniques and roles of coaching basketball will be examined as they apply to the youth league and high school levels. Students will receive preparation in order to pass a recognized high school level rules examination for basketball.

PED 3320 Coaching and Officiating of Field Hockey (3)

Educationally sound coaching and officiating of field hockey will be studied. Students will be prepared to take a recognized field hockey officials rating examination.

PED 3325 Coaching and Officiating of Football (3)

Preparation of students to coach and officiate football. Students will be prepared to take a recognized football officials rating examination.

PED 3330 Coaching and Administration of Tennis Competition (3)

Mechanics, physiology and psychology as applied to tennis with the rules, tournament organization and specific coaching techniques of tennis.

PED 3340 Coaching and Officiating of Volleyball (3)

The rules, techniques, strategies and roles of the volleyball coach will be examined as they apply to the youth sport and high school levels. Students will also be prepared to pass a recognized high school rules examination for volleyball.

PED 3345 Coaching and Officiating of Softball (3)

The rules, techniques and procedures of officiating softball together with the strategies, fundamentals and psychology of coaching softball will be examined as it pertains to the high school and youth league level. The students will also be prepared to pass a recognized high school examination for softball officials.

PED 3350 Coaching and Officiating of Soccer (3)

The course will emphasize the coaching and officiating aspects of soccer, including fundamental skills acquisition, playing strategy, tactics and fitness. The role of the coach and the psychology of coaching will be analyzed. The rules of the referees and linesman and rule interpretation will be examined.

PED 3355 Coaching and Officiating of Gymnastics (3)

Designed to introduce students to the scientific and practical concepts of coaching competitive gymnastics for both men and

women, as well as evaluative techniques necessary to become a rated gymnastic official (judge).

PED 3360 Perspectives on Children in Sports (3)

The positive and negative value and effects of participating in youth sports in respect to the child, parent, parent and coach will be discussed. Emphasis will be placed on the child's rationale for participating, dropping out and the relationship to the coach and parent.

SCIENTIFIC FOUNDATIONS**PED 1500 Introduction to Motor Learning (3)**

The course covers basic developmental principles and theories of human growth, development and motor behavior – across the lifespan. Theories and laboratory exercises are surveyed to identify factors affecting learning and performance of motor skills.

PED 2500 Introduction to Biomechanics (3)

Internal and external forces that act on the human body during execution of human movement and sport skills are examined.

PED 2510 Introduction to Athletic Training (1)

This course is designed to give the student an opportunity to practice basic athletic training skills discussed in PED 2520, Introduction to Athletic Training, most of which are required for acceptance into the Athletic Training Education program. Skills include taping and wrapping, preseason physical skills, the application of basic therapeutic modalities, and equipment fitting.

Prerequisite: BIO 1000

PED 2520 Introduction to Athletic Training (3)

This course is designed to give the student an overview of the athletic training profession and its contemporary roles in athletics. Topics to be discussed will include prophylactic taping, liability aspects of sports, administrative and basic injury preventive techniques. A lab will also be included in this course.

PED 2521 Introduction to Evaluation and Management of Athletic Injuries (3)

This course is designed to provide the student with strategies and procedures for recognizing and managing athletic injuries, systemic illnesses and emergency procedures for managing such injuries/illnesses.

Prerequisites: BIO 1000, 2402, PED 2500.

PED 3500 Care and Prevention of Athletic Injuries (3)

An examination of the most recent practices and procedures in the care and prevention of athletic injuries. A laboratory experience will center around prophylactic support and protective equipment for athletic preparation.

Prerequisite: BIO 2402.

PED 3501 Advanced Athletic Training (3)

Includes evaluation and management techniques of Athletic injuries including those to the head and cervical spine, thorax and abdomen, and symptomatology and management of illnesses seen in athletics such as mononucleosis, asthma and heat stroke. Also, pharmaceutical agents used in athletics will be discussed. This course includes advanced taping techniques.

Prerequisites: This is a petition course for Athletic Training Education Program students only to be taken during the spring semester of the junior year; PED 35221, PED 3522.

PED 3502 Clinical Experience I in Athletic Training (3)

Practical field experiences applying techniques of basic care, prevention, and evaluation of athletic injuries in a clinical setting, consisting of 240 hours of internship and weekly seminars to discuss the working experience. This course includes advanced methods of injury evaluation.

Prerequisite: PED 2520.

PED 3503 Clinical Experience II in Athletic Training (3)

Practical field experience applying techniques of basic care, prevention and evaluation of athletic injuries and fitness levels of the athlete in a clinical setting. Included are 240 hours of internship and weekly seminars to discuss the working experience.

Prerequisites: PED 3521 and 3522.

PED 3504 Therapeutic Modalities in Athletic Training (4)

Examination of the theoretical and clinical application of the therapeutic modalities used in the treatment of musculoskeletal injuries to athletes. Includes field experience.

PED 3505 Kinesiology (3)

Fundamental anatomical analyses of human movement and sport skills.

Prerequisite: BIO 2402.

Required of physical education majors.

PED 3510 Physiology of Exercise (3)

Structure and function of skeletal muscles, energy sources, oxygen requirements for muscular activity and fitness assessment and exercise prescription utilizing the computer.

Prerequisite: PED 2500.

PED 3515 Wellness

Current concepts and practices of wellness (a mind-set that personifies a positive approach to health and fitness) as a lifestyle.

Prerequisite: ID 1225 or permission of the instructor.

PED 3525 Rehabilitation of Athletic Injuries Theory and Practices (4)

This course will include biomechanics, kinesiological and systemic principles that are involved in rehabilitation techniques of musculoskeletal athletic injuries. Strategies for designing and procedures for implementing rehabilitation programs are discussed. Includes field experience.

PED 4520 Senior Seminar I in Athletic Training (3)

A culminating experience for students enrolled in the athletic training program. The primary objective of this course is to prepare the student to take the NATA Certification Exam by implementing and practicing the evaluation skills and strategies that were learned during the junior year. (320 hours of clinical experience are required)

Prerequisite: This is a petition course for athletic training education program students only which is to be taken during the fall semester of the senior year; PED 3524, 3526.

PED 4521 Senior Seminar II in Athletic Training (3)

The last of the core courses for senior students in the athletic training education program. Included will be seminars to discuss current research and trends in the profession, opportunity to apply the skills ascertained during previous clinical experiences by working as a head athletic trainer for one of Kean University's athletic teams, and observations of various sports medicine facilities. (320 hours of clinical experience are required)

Prerequisites: This is a petition course for Athletic Training Education program students only and is to be taken during the spring semester for the senior year; PED 4520.

PED 4626 Prescriptive Exercise Programming (3)

Assessment of various components of physical fitness, the general principals of exercise testing and exercise prescription, and the importance of such factors as age, gender, environment and health status on exercise prescription in adult fitness programs.

*Required for Option in Adult Fitness
Prerequisite: PED 3510*

PED 4629 Exercise Testing and Interpretation (3)

Principles and Techniques for measuring and evaluating human physical performance in an adult fitness program.

*Require for Option in Adult Fitness
Prerequisite: PED 3510*

PED 4630 Electrocardiography (3)

An overview of the heart, the circulatory system and the pathophysiology of coronary artery disease, with an emphasis on learning the basic principles of ECG, the importance of the 12-lead ECG as a diagnostic tool and the effects of exercise, drugs, and disease on the interpretation of ECG testing.

*Required for Option in Adult Fitness
Prerequisite: PED 3510*

PED 4801 Pharmacology and Sports (3)

Lectures on prescriptive and non-prescriptive pharmaceuticals utilized with athletes by physicians, athletic trainers, psychologists, and physical therapists.

PED 4802 Instruments in Athletic Injury Diagnosis (3)

Assessment of injuries to the thorax and abdomen including heart and thoracic sounds using a stethoscope, clinical application and understanding of diagnostic tools, and general medical conditions. Includes 20 hours of observation at physicians offices.

EDUCATION AND ADMINISTRATION

PED 2600 Camping (3)

Camp philosophies, camp crafts, camp programs and activities, camp counseling, and campcraft skills. One 3 day weekend in camping situations required; Laboratory fee. Satisfactory completion of course will meet requirements of the NJACA and the ACA for Campcraft certification.

PED 2610 Adapted Aquatics: Instructor Training Course (3)

Course of study to prepare instructors of aquatic activities for special populations. Leads to certification by American Red Cross.

Prerequisite: Current Red Cross Water Safety Instructor rating or Basic Swimming Instructor Certificate.

PED 3600 Play and Rhythm Activities in Early Childhood Education (3)

Designed to provide the student interested in early childhood education with an understanding and appreciation of the contribution that play and rhythm activities can make towards the development of the whole child concept during this formative stage of growth.

PED 3605 Water Safety Instructor (3)

Emphasizes proficiency in all aquatic skills, expertise in teaching Red Cross swimming and water safety skills. The course is recognized by Red Cross certification.

Prerequisites: Current Red Cross Advanced Life Saving Certification acquired or renewed within the last 3 years; a Read Cross Swimmer Certificate or Swim II.

PED 3610 Curriculum and Programming in Elementary Physical Education (3)

This course introduces the content and methodology of physical education, K-6. It includes an overview of curriculum models and goals of the teacher of the instructional strategies in the teaching-learning setting.

Prerequisite: Admission to the major.

Corequisite: PED 3690

Required of Physical Education Majors: Teaching Certification Option Health and Physical Education Majors: Teaching Certification Option.

PED 3611 Curriculum and Programming in Secondary Physical Education (3)

This course introduces the content and methodology of physical education, 7-12 and adult fitness programs. Also includes planning design and implementation of instructional strategies in the teaching-learning setting.

Prerequisite: Admission to the major and successful completion of PED 3610

Corequisite: PED 3691

PED 3612 Group and Personal Exercise Programming in Adult Fitness (3)

Focuses on program development in adult fitness in a variety of cultural settings. Teaching styles, methods, strategies, fundamental skills and exercise forms are emphasized. In order to insure full class participation, any student with a disability condition requiring special accommodations (e.g., tape recorder, special adaptive equipment, special note taking or test taking procedures) is strongly encouraged to contact the professor at the beginning of the course.

*Prerequisite: Admission to the major
Corequisite: PED 3692*

PED 3615 Physical Education in the Elementary School (1-1/2)

A laboratory workshop program using classroom, gymnasium and outdoor play space situations to examine methods and materials in physical education for several grades. Philosophy, objectives, and principles of physical education prepares the student to cooperate effectively with the specialist.

PED 3690 Physical Education Junior Field Experience: Elementary (1)

A 15-hour week experience where students assist/teach one half day per week in an elementary public school setting for a total of 45 hours. Students are guided by cooperating teachers. It involves the application of content learned in PED 3610 with an emphasis on management, teaching-learning process and observational skills. On-site observation by college supervisors.

Corequisite: PED 3610

PED 3691 Physical Education Junior Field Experience: Secondary (1)

A 15-week experience where students assist/teach one half day per week in a secondary public school setting for a total of 45 hours. Students are guided by cooperating teachers. It involves the application of content learned in PED 3611 with an emphasis on management, teaching-learning process and observational skills. On-site observation by college supervisors.

Corequisite: PED 3611

PED 3692 Physical Education Junior Field Experience: Adult Fitness (1)

Students spend one-half day a week (45 hours) per semester in an appropriate fitness setting. Application of content learned in PED 3610 with an emphasis on observational techniques, the teaching/learning process, and program organization and management. On-site observation by college supervisors.

Corequisite: PED 3612

PED 4600 Adapted Physical Education (3)

This course will provide the student with a comprehensive background in identifying and developing physical education programs for students with special needs. The body of

knowledge and clinical experience will prepare informed, dynamic professionals in the area of physical education for special populations.

PED 4605 Evaluation in Physical Education (3)

Approaches to testing and evaluation, basic statistical concepts, the construction of skills and knowledge tests, and evaluation in the effective domain are examined.

Required of Physical Education Majors.

PED 4610 Introduction to Organization, Administration and Supervision of Physical Education (3)

The total physical education program examined in both urban and suburban schools in terms of organization, administration and supervision.

Prerequisite: PED 3610 or 3611

Corequisite: PED 4690.

PED 4615 Organization and Administration of Intramural Sports (3)

History, present status, objective of intramural movement; organization and affiliation with other departments; units of competition from elementary to college level; program of activities; group, team, and individual schedule making and scoring plans; rules, regulations, awards; special administrative problems.

PED 4620 Introduction to Administration of Interscholastic Athletics (3)

Basic organization and administrative procedures that are necessary for an interscholastic athletic program to function.

PED 4625 Organization and Administration of Adult Fitness Programs (3)

The total adult fitness program examined in the corporate and commercial structures in terms of organization, administration and supervision.

Prerequisites: 2 required courses in the Adult Fitness Option, PED 3510 and PED 3611.

PED 4627 Internship in Adult Fitness in Business and Industry (3)

Practical field experience applying techniques to adult fitness in a business and/or industry setting, consisting of 200 hours internship and a weekly seminar to discuss the working experience.

Prerequisite: MGS 2030, PED 2520, PED 3510, HED 3600, HED 4231, PED 4625, PED 4626, PED 4628, or permission of Adult Fitness Coordinator.

PED 4690 Student Teaching (9)

A full semester, full-day experience in a public school setting: the first half at the elementary level and the second half at the secondary level. Students are guided by a cooperating teacher and a college supervisor. Three on-campus student teaching seminars are required.

Prerequisites: Bio 2402, Educ 3000, Educ 3401, Educ 4000, ID 1225, PED 1500, PED 2500, PED 2800, PED 3505, or PED 3510, PED 3610, PED 3611, PED 3690, PSY 1200, 10 semester hours of activities, completion of 90 hours, 2.75 cum, 65 hour group work experience relating to career choice, physical examination, satisfactory completion of Composition, Mathematics, and Speech courses, Speech-Screening Test, and Admission –to-Major by department. In addition, successful completion of the Praxis Exam (20856) must be exhibited.

For those seeking dual certification of Health & Physical Education, additional prerequisites include 9 semester hours from courses in Health cluster (HED 3400, HED 3600, HED 3635, HED 4333).

Corequisite: PED 4610

SOCIAL AND PHILOSOPHICAL FOUNDATIONS

PED 2800 Physical Education: Pre-Professional Field Experience (3)

An analytical and observational study of physical education in a multicultural society. Approximately one-third of the course involves supervised field-based experiences. *Writing Emphasis course Shiposh*

PED 3620 Designing Children's Games for Physical Education and Youth Sport Settings (3)

Principles of customizing games according to children's individual differences so that all children can become more skillful games players; for physical educators and coaches.

PED 4800 The Meaning of Human Movement (3)

The nature and forms of individual and collective movement. The interrelationships of the physical, intellectual and psychological aspects of movements as it varies with the occurrence. Classroom study and a variety of selected movement experiences. Of particular value to students concerned with movement behavior, both as individuals and as human beings responsible for modifying the behavior of others.

PED 4805 Sports and International Relations (3)

Exploration and analysis of social and political forces in sports and physical education on the national and international level.

PED 4820 Physical Education and Education as Observed in Other Countries (3)

Travel to other countries to visit selected educational institutions examining teaching methodology, curriculum, rehabilitation programs and attitudes in education at large, physical education in particular.

PED 4830 Women in Sports (3)

Historical, legislative, biophysical, and socio psychological dimensions of women and sport with a focus on American women in sports.

INDEPENDENT STUDY

PED 4901 Independent Study in Physical Education (1)

Supervised research study of a problem in physical education.

Prerequisites: Junior or Senior Physical Education major status and department chairperson's permission.

PED 4902 Independent Study in Physical Education (1)

Supervised research study, of some depth, into a selected problem in physical education.

Prerequisites: Junior or Senior Physical Education major status, and department chairperson's permission.

PED 4903 (4900) Independent Study in Physical Education (3)

Supervised in-depth research study of a selected problem in physical education.

Prerequisites: Senior physical education major and department chairperson's permission.