## KIN Kinesiology & Exercise

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### KIN.105 Aerobics

Any student may enroll in this physical education activity course although it is recommended that anyone over 35 years of age obtain a physical examination from a physician first. Emphasis is on cardiovascular endurance and the development of muscle tone and flexibility. The method of instruction will include step aerobic routines. This course may be repeated by a student for a maximum of two semester hours of credit. The length of each course is eight weeks.

- **Offered:** Fall or Spring
- **Applicable toward graduation at Sandburg where program structure permits:**
- **Degree or Certificate:** AA, AS, AAS, AGS, and Certificates where applicable.
- **General Education -- Not Applicable Elective Only**

### KIN.106 Muscle Conditioning

This course may be repeated by a student for a maximum of two semester hours of credit. This activity is designed to strengthen, tone, and stretch the major muscle groups while improving flexibility and range of motion. Exercises utilizing light weights and resistance bands will be performed to music. The length of the course is eight weeks. It is recommended that anyone over 35 years of age obtain a physical examination from a physician.

- **Offered:** Fall or Spring
- **Applicable toward graduation at Sandburg where program structure permits:**
- **Degree or Certificate:** AA, AS, AAS, AGS, and Certificates where applicable.
- **General Education -- Not Applicable Elective Only**

### KIN.107 Zumba 1

Zumba is a high-energy program with motivational music and dance moves from Salsa, Merengue, other Latin steps and free-form styles. It integrates some of the basic principles of aerobic, resistance, and interval training to tone and sculpt the body, burn fat, maximize caloric output, and benefit heart and mind. Students need to wear low tread shoes or dance shoes.

- **Offered:** Fall or Spring
- **Applicable toward graduation at Sandburg where program structure permits:**
- **Degree or Certificate:** AAS, AGS and Certificates where applicable.
- **General Education -- Not Applicable Elective Only**

### KIN.108 Pilates 1

Students participate in a series of stretching and strengthening exercises based on the Joseph Pilates (pil-LAH-teez) method of body conditioning. Pilates is a method of body conditioning that strengthens and tones muscles, improves posture, provides flexibility and balance, unites body and mind, and creates a more streamlined shape. A variety of equipment may be used including small ball, big ball, body bar, bands, and weights. This is a mat course, machines are not used.

- **Offered:** Fall or Spring
- **Applicable toward graduation at Sandburg where program structure permits:**
- **Degree or Certificate:** AAS, AGS and Certificates where applicable.
- **General Education -- Not Applicable Elective Only**

### KIN.110 Badminton

In this course the student will learn the basic skills and strategies involved in the sport of badminton. Actual participation in badminton matches will be a major emphasis. Students will study the rules, scoring procedures, and the vocabulary of the sport.

- **Offered:** As Needed
- **Applicable toward graduation at Sandburg where program structure permits:**
- **Degree or Certificate:** AA, AS, AAS, AGS, and Certificates where applicable.
- **General Education -- Not Applicable Elective Only**

### KIN.115 Introduction to Leisure Services

This course examines the purpose and function of leisure services delivered by governmental, non-profit, and private agencies. This introductory course is a requirement for the associate’s degree for transfer to the Recreation, Park and Tourism program at Western Illinois University. Assignments, projects and learning experiences are designed to give students an in-depth and comprehensive understanding of leisure; the infrastructures that have developed to provide leisure opportunities for the widest possible range of people; and expose students to the variety of careers in leisure services.

- **Offered:** Fall or Spring
- **Applicable toward graduation at Sandburg where program structure permits:**
- **Degree or Certificate:** AA, AS, AAS, AGS, and Certificates where applicable.
- **General Education -- Elective Only**

### KIN.120 Bowling

In this course a student will learn basic skills and the strategies involved in the sport of bowling. Actual participation in the sport will be a major emphasis. The student will study the rules, scoring procedures, and the vocabulary of the sport. No previous bowling experience is assumed.

- **Offered:** As Needed
- **Applicable toward graduation at Sandburg where program structure permits:**
- **Degree or Certificate:** AA, AS, AAS, AGS, and Certificates where applicable.
- **General Education -- Not Applicable Elective Only**
KIN.130 Personal Training I: Exercise Physiology

This course provides an overview of seven physiological systems of the human body and the impact of exercise on these systems. It also provides standards for the development of exercise and fitness programs in relationship to the physiological adaptations of the human body, the principles and concepts of human movement, nutritional guidelines for optimum performance, and consideration of physical (age, gender, health, size) characteristics of individuals and environmental conditions. Designed for students who plan to take the certification test from the American Council on Exercise to be a certified personal fitness trainer. Offered: Fall Applicable toward graduation at Sandburg where program structure permits: Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable. General Education -- Elective Only Non Course

KIN.131 Personal Training II: Personal Fitness

Provides the academic and practical experience that will enable students to design personalized fitness training solutions for clients based on physical, health, and behavioral assessments and employing the American Council for Exercise (ACE) Integrated Fitness Model Components and Phases. Designed for students who plan to take the certification test from the American Council on Exercise (ACE) to be a certified personal fitness trainer. Offered: Fall or Spring Prerequisites: Take KIN.130 with a minimum grade of C Applicable toward graduation at Sandburg where program structure permits: Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable. General Education -- Elective Only Non Course

KIN.132 Personal Training III: Fitness Assessments

Provides an overview of the five functional assessments as well as the physiological assessments that are necessary for the development of personalized fitness programming for clients under the American Council on Exercise (ACE) Integrated Fitness Model. Provides information on the legal and business principles for practicing personal trainers. Designed for students who plan to take the certification test from the American Council on Exercise to be a certified personal fitness trainer. Offered: Fall or Spring Prerequisites: Take KIN.131 with a minimum grade C; Applicable toward graduation at Sandburg where program structure permits: Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable. General Education -- Elective Only Non Course

KIN.133 Personal Training IV: Practicum

The objective of the practicum is to integrate classroom theory and skill practice in a fitness center environment where the student can practice under the supervision of a personal fitness trainer. The student will be supervised in conducting assessments and developing and initiating fitness programs employing the American Council on Exercise (ACE) Integrated Fitness Model. This is the final course for students who plan to take the certification test from the American Council on Exercise (ACE) to be a certified personal trainer. Offered: Fall or Spring Applicable toward graduation at Sandburg where program structure permits: Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable. General Education -- Elective Only Non Course

KIN.140 Physical Fitness 1

This physical education activity course is open to all students. It is designed as an open lab to accommodate each student's needs. Emphasis is placed in three areas of physical fitness, strength, flexibility and cardiovascular endurance. Universal equipment and cardiovascular equipment will be used to develop more effectively one's level of physical fitness. This course may be repeated for credit one time. Note: In any one academic term, a student may not enroll in more than one KIN course which requires the use of the Fitness Center. Offered: Fall Applicable toward graduation at Sandburg where program structure permits: Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable. General Education -- Not Applicable Elective Only

KIN.141 Physical Fitness 2

This physical education activity course parallels PED 140 and is open to all students. Emphasis is placed in three areas of physical fitness: strength, flexibility and cardiovascular endurance. Universal equipment and cardiovascular equipment will be used to develop more effectively one's level of physical fitness. This course may be repeated for credit one time. Note: In any one academic term, a student may not enroll in more than one KIN course which requires the use of the Fitness Center. Offered: Spring Applicable toward graduation at Sandburg where program structure permits: Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable. General Education -- Not Applicable Elective Only
KIN.142 Physical Fitness 3 2 1
This physical education activity course parallels PED 140 and is open to all students. Emphasis is placed in three areas of physical fitness, strength, flexibility and cardiovascular endurance. Universal equipment and cardiovascular equipment will be used to develop more effectively one's level of physical fitness. This course may be repeated for credit one time. Note: In any one academic term, a student may not enroll in more than one KIN course which requires the use of the Fitness Center.
Offered: Fall
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.143 Physical Fitness 4 2 1
This physical education activity course parallels PED 140 and is open to all students. Emphasis is placed in three areas of physical fitness: strength, flexibility and cardiovascular endurance. Universal equipment and cardiovascular equipment will be used to develop more effectively one's level of physical fitness. This course may be repeated for credit one time. Note: In any one academic term, a student may not enroll in more than one KIN course which requires the use of the Fitness Center.
Offered: Spring
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.145 Physical Fitness 5 1 0.5
This physical education activity course parallels PED 140 and is open to all students. Emphasis is placed in three areas of physical fitness, strength, flexibility and cardiovascular endurance. Universal equipment and cardiovascular equipment will be used to develop more effectively one's level of physical fitness. This course may be repeated for credit one time. Note: In any one academic term, a student may not enroll in more than one KIN course which requires the use of the Fitness Center.
Offered: Fall or Spring or Summer
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.155 Beginning Swimming 2 1
Many physical education activity courses are available and open to all students. However, due to limitations of space and the fact that the offering of some courses is rare, a detailed course description is not presented for this class.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.156 Intermediate Swimming 2 1
Many physical education activity courses are available and open to all students. However, due to limitations of space and the fact that the offering of some courses is rare, a detailed course description is not presented for this class.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.157 Advanced Swimming 2 1
Many physical education activity courses are available and open to all students. However, due to limitations of space and the fact that the offering of some courses is rare, a detailed course description is not presented for this class.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.158 Lifeguard Training 2 1
Many physical education activity courses are available and open to all students. However, due to limitations of space and the fact that the offering of some courses is rare, a detailed course description is not presented for this class.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.161 Tennis 1 1 0.5
Many physical education activity courses are available and open to all students. However, due to limitations of space and the fact that the offering of some courses is rare, a detailed course description is not presented for this class.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.162 Tennis 2 1 0.5
Many physical education activity courses are available and open to all students. However, due to limitations of space and the fact that the offering of some courses is rare, a detailed course description is not presented for this class.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable.
General Education -- Not Applicable Elective Only
KIN.171 Volleyball 1 1 0.5

In this course the student will learn the basic skills and strategies involved in the sport of volleyball. Actual participation in volleyball games will be a major emphasis. Students will study the rules, scoring procedures, and the vocabulary of the sport.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.172 Volleyball 2 1 0.5

Many physical education activity courses are available and open to all students. However, due to limitations of space and the fact that the offering of some courses is rare, a detailed course description is not presented for this class.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.180 Weight Training 2 1

The purpose of this course is to teach the basic knowledge and concepts in the use of resistive exercises designed to increase muscular strength and endurance. Students will participate in an individual weight-training program.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.193 Golf 1 0.5

The student will receive instruction in the basic rules and skills of golf. There will be a considerable amount of time spent actually on the golf course. This course is suitable for both beginners and experienced golfers. No prior knowledge of the sport is assumed.
Offered: Spring
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.200 Foundations of Physical Education 3 3

This course is a study of the development of physical education programs in K-12 schools. The student will also learn about the possibilities of professional opportunities in the area of physical education and the role of sports in non-school (recreational) settings. Internet assignments will be required.
Offered: Fall or Spring
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.202 Sports in Society 3 3

In this course students will study current sports-related controversies and issues from a global perspective. The role of various sports and their historical influence on American society will be emphasized. Included will be the study of the effects of related social factors such as gender, race, sexuality, nationalism, and media on the evolution of the sports culture.
Offered: Fall or Spring
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.205 Coaching Volleyball 2 2

This course is designed to teach the student who wants to coach volleyball the procedures that will effectively develop the skills of volleyball for athletes. The specific areas covered include: assessing current performances, alternate teaching methods, motivating the athlete, guidelines for conducting a competitive program, and basic training and nutrition.
Offered: As Needed
Applicable toward graduation at Sandburg where program structure permits:
Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.
General Education -- Not Applicable Elective Only

KIN.210 Coach Football Tech & Tact Skl 3 3

In this course the student will learn how to teach the skills, strategies, techniques, and tactics of football. Topics studied include the games approach to coaching as an alternative to drills-based coaching. Students will develop a season plan and a series of practice plans. The ability to successfully coach during games will be emphasized. This course is suitable for persons who are interested in coaching at the club, high school, or college levels. Students will have the opportunity to earn coaching certification through the American Sport Education Program (ASEP)
General Education -- Not Applicable Elective Only Non Course
**KIN.215 Coaching Baseball Tech and Tac** 3 3

In this course the student will learn how to teach the skills, strategies, techniques, and tactics of baseball. Topics studied include the games-approach to coaching as an alternative to drills-based coaching. Students will develop a season plan and a series of practice plans. The ability to successfully coach during games will be emphasized. This course is suitable for persons who are interested in coaching at the club, high school, or college levels. Students will have the opportunity to earn coaching certification through the American Sport Education Program (ASEP).

General Education -- Not Applicable Elective Only Non Course

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**KIN.220 Coaching Basketball** 2 2

This course presents the theory and techniques of coaching basketball. It is open to interested students regardless of their vocational plans. The student is provided an opportunity to develop a personal approach to coaching and teaching techniques. Topics include offensive/defensive strategies, teaching specific skills, motivational techniques, and general management skills needed by basketball coaches.

Offered: Fall or Spring or Summer

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.

General Education -- Not Applicable Elective Only

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**KIN.221 Basketball 1** 1 0.5

In this course the student will learn the basic skills and strategies involved in the sport of basketball. Actual participation in basketball games will be a major emphasis. The student will learn the procedures of scoring, the rules, and the vocabulary of the sport.

Offered: As Needed

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.

General Education -- Not Applicable Elective Only

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**KIN.222 Basketball 2** 1 0.5

General Education -- Not Applicable Elective Only Non Course

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**KIN.230 Sports Officiating** 2 2

This course is designed to assist students in interpreting the rules and regulations of the National Federation of State High School Athletic Association. The opportunity to learn and practice proper officiating mechanics is also provided through actual participation. Sports especially emphasized in the course are basketball and volleyball.

Offered: As Needed

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.

General Education -- Not Applicable Elective Only

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**KIN.241 Softball 1** 1 0.5

In this course the student will learn the basic skills and strategies involved in the sport of softball. Actual participation in softball games will be a major emphasis. The student will learn the procedures of scoring, the rules, and the vocabulary of the sport.

Offered: As Needed

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.

General Education -- Not Applicable Elective Only

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**KIN.242 Softball 2** 1 0.5

General Education -- Not Applicable Elective Only Non Course

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**KIN.248 Coaching Principles & Sports First Aid** 3 3

Students enrolled in this course will study the general principles underlying the profession of coaching athletic teams and individual athletes. This course will address the essential elements of successful coaching from proven coaching techniques to effective risk management. Students will also be taught how to be safe, capable, and effective as first responders to injured athletes. Students will have the opportunity to earn certification through the American Sport Education Program. Internet assignments may be required.

Offered: Fall or Spring or Summer

Prerequisites: KIN.200

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.

General Education -- Not Applicable Elective Only

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**KIN.280 Athletic Injuries** 3 3

This is an introductory course in the study of sports medicine. Included are topics which address the treatment and rehabilitation of athletic injuries, human and environmental factors in sport injury, accident prevention and injury control, and safety factors in sport activities. Students will also study the operation, maintenance, and administration of a typical athletic training room.

Offered: Spring or as Needed

Prerequisites: KIN.200, KIN.260 and HTH.130; BIO.111 is a recommended preparatory course

Applicable toward graduation at Sandburg where program structure permits:

Degree or Certificate: AA, AS, AAS, AGS, and Certificates where applicable.

General Education -- Not Applicable Elective Only