

EXS - Exercise Science

Courses

EXS 118 Yoga Teacher Training 1

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A course that prepares students for National Yoga Alliance Certification. Topics include: building a personal practice, instructional concepts, safety guidelines, modifications for special populations, physical anatomy, and yoga techniques and practices.

Prerequisites: Admitted to the Yoga Teacher Training Certificate program

EXS 119 Yoga Teacher Training 2

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A continuation of EXS 118 that prepares students for National Yoga Alliance Certification. Topics include: guidelines, modifications for special populations, anatomy, and yoga techniques and practices.

Prerequisites: EXS 118

Corequisites: EXS 184: Yoga Internship

EXS 122 Group Fitness Instructor

4 Credits. 3 Lecture Hours. 2 Lab Hours.

A course that prepares students for the American Council on Exercise National Group Fitness Instructor Examination. Topics include: communication skills, instructional concepts, effective exercise design, choreography, safety guidelines, and modifications for special populations.

Prerequisites: Admitted to the Group Fitness Instructor Certificate program

EXS 130 Foundations of Health and Wellness Programs

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A course on developing fitness and wellness programs for individuals and groups, emphasizing disease prevention and health promotion. Topics include: fitness testing for each fitness component, behavior modification, nutrition, stress management, addictions, sexually transmitted disease, and chronic disease.

Prerequisites: FYE 120 or placement into ENG 101, and MAT 093 or MAT 105A or appropriate Math placement (minimum grade C for both)

EXS 151 Principles of Exercise Assessment and Prescription

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A course on techniques used in the personal training fitness field. Topics include: the body's response to exercise, screening and consultation guidelines, dietary principles, and communication and documentation.

Prerequisites: FYE 120 or placement into ENG 101, and MAT 093 or MAT 105A or appropriate Math placement (minimum grade C for both), and admitted to the Personal Fitness Trainer Certificate program

Corequisites: EXS 130: Foundations of Health and Wellness Programs
Instructor Consent Required

EXS 152 Exercise Programming

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A continuation of EXS 151 that prepares students for the American Council on Exercise National Certified Personal Trainer Exam. Topics include: applying exercise principles, using therapeutic exercise, working with special populations, understanding legal issues, and analyzing and evaluating fitness techniques.

Prerequisites: EXS 151 (minimum grade C)

EXS 156 Establishing a Personal Training Business

3 Credits. 3 Lecture Hours. 0 Lab Hour.

A course on strategies for promoting personal training services and establishing a client base. Topics include: using resources to build a client base, applying sales processes, networking, analyzing needs, and handling objections.

Prerequisites: EXS 151 (minimum grade C)

Corequisites: EXS 152, EXS 182

EXS 164 Health and Fitness Across the Life Span 1

3 Credits. 3 Lecture Hours. 0 Lab Hour.

A course on the impact of exercise on quality of life for older adults and those with chronic health conditions/diseases. Topics include:

American College of Sports Medicine guidelines for testing and exercise prescription, and the effects of the aging process and chronic conditions on exercise performance and fitness program development.

Prerequisites: EXS 130 (minimum grade C), and admitted to the Health and Fitness Special Populations Certificate program

EXS 168 Health and Fitness Across the Life Span 2

3 Credits. 3 Lecture Hours. 0 Lab Hour.

A course on the national guidelines for youth fitness/physical activity and exercise programming throughout a woman's life stages. Topics include: program design; childhood obesity; the role of school, family, and community in youth fitness; cultural and gender differences affecting fitness; and women's life stages (adolescence, prenatal, menopause) and conditions that affect exercise.

Prerequisites: EXS 130 (minimum grade C)

Instructor Consent Required

EXS 182 Personal Fitness Trainer Practicum

2 Credits. 1 Lecture Hour. 7 Lab Hours.

Students apply personal fitness training knowledge and skills in a health and fitness setting by observing and assisting with classes taught by a professional personal fitness trainer.

Prerequisites: EXS 151 (minimum grade C) and EMS 100

Corequisites: EXS 152

EXS 184 Yoga Internship

1 Credit. 0 Lecture Hour. 4 Lab Hours.

Students apply yoga knowledge and skills in a practice setting by observing and assisting in classes taught by a certified Yoga Instructor.

Prerequisites: EXS 118 and admitted to the Yoga Teacher Training Certificate program

EXS 185 Yoga Internship 2

2 Credits. 1 Lecture Hour. 2 Lab Hours.

Students apply yoga knowledge and skills in a practice setting by observing and assisting in classes taught by a certified Yoga Instructor.

Prerequisites: EXS 118 and EXS 184

Corequisites: EXS 119

EXS 191 Part-Time Cooperative Education: Exercise Science

1 Credit. 1 Lecture Hour. 20 Lab Hours.

Students seeking an associate's degree participate in their first part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester.

Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: EXS 250 and EMS 100 (minimum grade C for both), and instructor consent

Corequisites: EXS 260

Instructor Consent Required

EXS 250 Exercise Physiology

4 Credits. 3 Lecture Hours. 2 Lab Hours.

A course on the human body's response and adaptations to exercise and physical training. Topics include: the influence of exercise on body systems, optimal physiological adaptations for improving fitness and performance, and testing and programming related to exercise and fitness.

Prerequisites: BIO 151 and ENG 101 and EXS 130 and MAT 105 (minimum grade C for all), and instructor consent
Instructor Consent Required

EXS 251 Corrective Exercise Specialist

2 Credits. 1 Lecture Hour. 2 Lab Hours.

A course that prepares experienced fitness trainers/instructors to successfully prevent injuries and recondition clients of all levels, and to take the National Academy of Sports Medicine Corrective Exercise Specialist exam. Topics include: fundamentals of corrective exercise, and developing and implementing integrated strategies to improve common movement impairments.

Prerequisites: Currently enrolled in EXS 152, or earned Cincinnati State certificate in Personal Fitness Trainer or Group Fitness Instructor, or have a comparable current national accreditation or certification
Instructor Consent Required

EXS 255 Anatomical Kinesiology

3 Credits. 3 Lecture Hours. 0 Lab Hour.

A course on principles of human anatomy and motion as they relate to physical activity and skill performance. Topics include: the function of the skeletal, muscle, and nervous systems in generation and maintenance of human movement.

Prerequisites: EXS 130 (minimum grade C)

EXS 260 Exercise Science Program Design

3 Credits. 2 Lecture Hours. 2 Lab Hours.

A course on skills for identifying, assessing, designing, promoting, implementing, and evaluating programs for health and fitness in various settings. Topics include: needs assessment, funding, marketing, and using tools for evaluating program outcomes. Students in the course plan and deliver fitness classes.

Prerequisites: EXS 250 (minimum grade C)
Corequisites: EXS 294 or EXS 191

EXS 294 Internship: Exercise Science

2 Credits. 1 Lecture Hour. 40 Lab Hours.

Students seeking an associate's degree participate in an unpaid field learning experience related to their degree. Students must follow applicable policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: EXS 250 and EMS 100 (minimum grade C for both), and instructor consent
Corequisites: EXS 260
Instructor Consent Required