1. ERINDALE SPORTS ACADEMY

4.1 INTRODUCTION TO THIS ACADEMY
The Erindale Sports Academy enjoys the unique advantages afforded by the facilities of the Active Leisure Centre. Students are offered a range of courses catering for different interests and ability levels.

4.2 COURSES

4.2.1 EXERCISE SCIENCE (T)
Unit Description
All units are of one term duration. All semester units are divided into two discreet term units. It is possible to enter or exit the course at the end of term 1/beginning of term 2. The second term contains the foundation knowledge for the course.

Exercise Science (T) is available as a Minor or a Major.

Sports Nutrition and Basic Anatomy
(This is a semester long unit)

Sports Nutrition
(Half semester unit)
Study of specific dietary requirements for athletic performance and the structure and function of the digestive system.

Basic Anatomy and Physiology
(Half semester unit)
Study of cells and the structure and function of body systems including circulatory and respiratory systems.

Functional Anatomy and Sports Performance
(This is a semester long unit)

Functional Anatomy and Physiology
(Half semester unit)
The study of muscular, articular, skeletal and nervous systems and how these are applied to movement and human performance.

Sports Performance
(Half semester unit)
Study of the principles of fitness and training methods.

Exercise Physiology and Sports Medicine
(This is a semester long unit)

Exercise Physiology
(Half semester unit)
Study of energy systems, physiological adjustments to exercise and the physiology of training methods and principles.

Sports Medicine
(Half semester unit)
A study of the causes, management, preventative measures and rehabilitation procedures associated with sports medicine.
Sports Psychology and Biomechanics

(This is a semester long unit)

Sports Psychology

(Half semester unit)

A study of the principles of Sports Psychology and the impact this area has on sporting performance.

Biomechanics

(Half semester unit)

A study of the principles of physics related to static and dynamic situations of the human body.

Employment/Further Studies Pathways

Students who graduate with a major in Exercise Science will have gained valuable foundation knowledge for related tertiary study such as physiotherapy, nursing, physical education teaching, medical science, sports science and biomechanics.

4.2.2 SPORTS SCIENCE (A)

This course is similar in content to the Exercise Science course. Students aiming for an Accredited Package who enjoy the content on offer in Exercise Science (see above) often enrol in this course. The assessment is considered less detailed and more practical. Students who wish to work in the Sports and Recreation Industry would benefit from this course.

4.2.3 SPORTS DEVELOPMENT (A)

The Sports Development course is designed to cater for all students who have been selected in the Erindale Sports Academy which includes the Talented Sports Program at Erindale College. The course consists of four semester units that are not sequential. Each unit consists of three strands:

- Sports Performance
- Sports Conditioning
- Athlete Management

Student programs will be tailored to meet the individual athlete’s needs and sporting requirements, in close consultation with identified coaches and sporting organisations. In each unit, the sports performance strand will provide the talented athletes with the time and access to the facilities that they need to develop their specialised skills. It will encourage them to evaluate and assess their performances while reflecting on their goals, aspirations and expectations, both short and long term.

Unit Description

Each unit is of one semester duration. However there are entry/exit points at the beginning and end of each term. Entry into each unit is based on selection.

NUTRITION AND SPORTS PSYCHOLOGY

Monitor your training and academic work, and demonstrate time management skills. You will work through the Athlete Management program within your squad as well as attending lectures on the topics of time management and sports nutrition.

UNDERSTANDING TIME MANAGEMENT AND DRUGS IN SPORT

Design and utilise a training program to achieve peak performance and demonstrate your understanding of training principles. Continue to monitor your time management, and participate in training in your chosen sport at the highest level possible. You will work through the Athlete Management program within your squad as well as attending lectures on the topics of goal setting and drugs in sport.
SPORTS INJURIES AND CAREER PLANNING
Study advanced training techniques and dietary requirements for maximum performance. You will work through the Athlete Management program within your squad as well as attending lectures on the topics of Sports Injuries and Career Planning.

STUDY SKILLS AND ATHLETE RECOVERY
Draw up a year-long program for your sport, including time and travel management plans, and scheduling events to emphasise a balanced lifestyle. You will work through the Athlete Management program within your Talented Sports Program squad as well as attending lectures on sports recovery.

Employment/Further Studies Pathways
Members of the Talented Sports Program receive numerous opportunities to promote and develop their sports, and a number end up pursuing their sport in a part-time or full time capacity after leaving college. The information gained in the theoretical aspects of the course provides valuable foundation knowledge for tertiary study in related fields.

4.2.4 PHYSICAL EDUCATION (A)
This course is designed for a wide range of students who have an interest in physical activity, personal fitness, sport and recreation. Physical Education will give you the opportunity to attain and maintain a satisfactory level of physical fitness through a variety of satisfying activities. In addition, the course aims to build your self-confidence, and develop skills and attitudes that may lead to sustained interest in leisure activities in adult life.

Unit Description
Each semester unit is made up of two half-semester units. There are entry and exit points at the end of each term. Units are not sequential and there are no prerequisites.

TEAM SPORTS AND COMPETITIONS
(This is a semester long unit)
Team Sports
(Half semester unit)
In this unit you will participate in a number of selected team sports; demonstrate individual and team skills; gain an understanding of the rules, tactics and positional play of the selected sports; and study the history and origins of selected sports.

Sports Competitions
(Half semester unit)
This unit is designed around the SEPEP model (Sport Education in Physical Education Program). Through practical involvement in devising and implementing competitions in various sports, you will develop an understanding of the principles involved in organising sporting competitions.

LEISURE AND RACQUET SPORTS
(This is a semester long unit)
Leisure Activities
(Half semester unit)
Experience a variety of leisure and recreation activities; study and discuss the influence of leisure and recreation in contemporary society; and identify the recreational needs of the local community.

Racquet Sports
(Half semester unit)
This unit covers skill development in a variety of racquet sports, as well as the rules and scoring methods of those sports, for example, tennis, badminton, squash and racquetball.

INDIVIDUAL AND MODIFIED SPORTS
(This is a semester long unit)
Individual Sports

(Half semester unit)
In this unit you will participate in a range of individual sports; develop the individual skills involved; gain an understanding of the rules and develop skill in applying them; and develop an understanding of how fitness can be maintained through participation in individual sports.

Modified Sports

(Half semester unit)
Undertake practical activities in selected modified sports: to develop and improve sports-related skills; develop and implement your own modified sports and activities; and develop an understanding of how modified sports can be used as a learning tool for traditional sports.

FITNESS ACTIVITIES & FOOTBALL CODES

(This is a semester long unit)
Fitness Activities

(Half a semester unit)
In this unit you will participate in a range of fitness activities; utilising the facilities at the college, including the team gym. You will complete a series of fitness tests and learn how to develop a personal fitness program/regime that will include strength, aerobic and anaerobic training. This is very much a practical course but also includes a theoretical component that will complement Human Movement and Sports Science courses offered at the college.

Football Codes

(Half a semester unit)
In this unit you will participate in a range of football based activities; develop game understanding and the basic principles of play needed to apply these skills in game situations. Skill acquisition through training, game sense activities and where appropriate competitive matches, will be a major focus.

4.2.5 OUTDOOR EDUCATION (A)

Course Outline

At Erindale College we offer a wide range of outdoor adventure pursuits with our accredited program.

Year 11
- Snorkelling
- Introduction to Rope Sports
- Caving / Abseiling and Rock Climbing
- Alpine Skiing / Snowboarding
- Canoeing / Kayaking or White Water Rafting

Year 12
- Multisport Adventure
- Windsurfing / Canyoning / Horse Riding
- Surfing
- Senior First Aid
- R-Unit - Scuba and Down Hill Mountain Biking
- Water Sports
- Bronze Medallion / Water Skiing / Fishing

Content
There is a balance of emphasis on practical skill development and knowledge. Content includes recreation and outdoor skill development, personal and interpersonal development and environmental awareness.

Adventure field trips / excursions

Each unit has a compulsory excursion component. Students have to attend a 2 to 3 day trip per unit. These practical excursions account for 60% of a student’s assessment. Much skill development and assessment takes place on these field trips.

Time commitment

Students are expected to spend approximately the same amount of time in Outdoor Education as in other units. Outdoor Education is delivered using a flexible delivery model where students typically do 2 weeks preparation and then we usually have 4 weeks of camps where the students attend one class a week. Students then attend class for their double lessons to complete their Journal and end of unit tests. Students are expected to use their time off during camp time to catch up and stay on top of their assessment for other classes.

Costs

All field trips incur costs which are minimised by use of Erindale College equipment, Erindale College transport, highly skilled staff and school assistant staff. Costs for camps vary mostly between $85 and $200 depending on the activity. The 3 day ski trip usually cost between $500 and $550.

Some non-compulsory trips may be more expensive eg, Scuba, White Water Paddling.

Prerequisites

Students who have not previously studied outdoor education may successfully undertake this course. Students with pre-existing experience will be able to extend their skills and knowledge in the Advance Trips which are run in conjunction with the normal curriculum. The key ingredients to success in this area are an enthusiastic and involved approach, a willingness to try new activities, an interest in the natural environment and adventure activities and a commitment to working effectively with others and individually.

Introduction to Rope Sports

In this unit you will be introduced to rock climbing, abseiling and caving, as well as considering the safety and environmental aspects of these activities.

Alpine Skiing

This unit covers recreational downhill skiing and participation in a 3 day excursion.

Snowboarding

This unit is run in conjunction with the Alpine Skiing in term 3. Students learn about the alpine environment and participate in a 3 day excursion to the snow fields.

Cross Country Skiing

This unit covers cross country skiing, survival in the snow, and protecting the alpine environment.

Snorkelling

This unit introduces you to snorkelling and related activities. You will participate in a 3 day camp and learn skills required for AUF Ocean Snorkel Award.

Canyoning

This is an introductory canyoning unit where students will undertake excursions to suitable canyoning sites, developing skills in abseiling, navigation and bushwalking.

Canoeing

This is an introductory canoeing unit including basic skills and safety procedures suitable for flat water canoeing in Canadian canoes.

Caving
This unit covers horizontal caves, hazards and cave maps, and safety and care of the cave environment.

Vertical Caving

A prerequisite is the Caving unit. This will build on skills previously learnt and applied to vertical caving. Students will participate in one training day and two days of vertical caving.

Surfing

This is an introductory unit where students undertake a 3 day surfing excursion to the coast. Students gain knowledge of equipment and clothing, surfing skills and potential surf hazards.

Rock Climbing

This is an introductory climbing unit including belaying and top rope climbing, both indoors and outdoors.

White Water Rafting

Students will learn about rafting equipment, clothing and river rafting skills. As part of this unit students will be required to undertake 3 days of field trips.

Advanced Rope Sports

This unit builds on the previous rope skills and knowledge undertaken in the intro to rope sports, caving, canyoning and rock climbing. Designed to challenge students even further and expose them to advanced rope activity trips. Students will be required to attend 3 days of field trips as part of this unit.

First Aid

In this unit students will undertake and gain accreditation with either Australian Red Cross or St John Senior First Aid Certificate.

Bush Walking

In this unit students plan and prepare equipment, and learn the basic navigation skills for an overnight camping excursion in the bush.

Mountain Bike Riding

This is an introductory unit to mountain bike riding/touring. Students will develop mountain bike riding skills through participation in day trips and an overnight tour.

4.2.6  SPORT, FITNESS and ADMINISTRATION (A/V)

The Sport, Fitness and Administration course is designed to offer you opportunities if you wish to pursue a career in this industry. This is a vocational course, and after two years students can achieve a Certificate II in Sport and Recreation (SIS20310). This course will provide you with the knowledge and practical experience to gain employment in the Sport & Recreation and Fitness Industry in reception and operational capacities and/or provide a pathway to further studies in Sport & Recreation and Fitness such as a Certificate III or IV.

2014

Semester 1  Sports Industry, First Aid & Aquatics

This unit is aimed at developing knowledge of the sport and recreation industry. It includes the role of the different industry sectors and job prospects within the industry. It introduces the student to the work environment with reference to important aspects such as communication, occupational health and safety, use of information technology and computer applications. First aid components, resuscitation techniques and standards are also covered. Students learn to respond to emergencies in an aquatic environment using basic water safety techniques.
Students also look at the operation and management of aquatic plant, equipment and water quality.

**Semester 2 Management of Recreation Programs**

This unit will assist students to plan, prepare and conduct sessions within the sport and recreation industry. It will help prepare students to work effectively with others in a team and provide an opportunity to learn how to respond to client needs.

**2015**

**Semester 1 Sports Coaching**

Students will apply coaching practices and principles in sport specific training and competition settings. They will implement basic warm-ups, stretching and cool-down programs to assist clients to prepare for participation and recovery.

**Semester 2 Fitness**

This unit will enable students to apply basic exercise science required for fitness instructors. It will familiarise students with equipment commonly used in the fitness industry with regards to its use and maintenance. Students will examine the process of client screening and delivery of fitness programs based on clients’ individual needs and goals.

**Structured Workplace Learning**

To achieve the Certificate II in Sport and Recreation, students are also required to complete two Vocational Placements, one in year 11 and one in year 12. Each “on the job” Structured Workplace Learning placement is one week in duration and enables students to gain experience in sport, fitness and recreation business environments and develop knowledge, skills and attitudes that are relevant to the industry.

Please note: The Sport, Fitness and Administration course is currently being rewritten for implementation in 2014. There may be some changes to the units offered to accommodate this new course.

**Active Leisure Centre**

The college has developed a strong partnership with the Active Leisure Centre in which all students undertaking the Sport, Fitness and Administration course will have access to the centre’s facilities. This will assist students in completing the necessary assessment requirements of the course as well as gaining experience and a thorough understanding of the numerous functions of a fitness centre.