

**BOARD OF EDUCATION
BEEVILLE INDEPENDENT SCHOOL DISTRICT**

Date: March 22, 2005

Subject: **Innovative Course Renewal Submitted By: Mrs. Jones**
 Application—Athletic Trainer
 Innovative Course Evaluation—
 Athletic Trainer and Internetworking Technologies I and II

ACTION

Information: For several years we have been able to offer as an elective the athletic trainer course. TEA considers this an innovative course. At this time, we need to renew the application. In addition to the application, an evaluation of the program is attached.

We have also offered for several years as a career and technology course the Internetworking Technologies I and II. We will no longer be offering those courses. An evaluation is attached.

ITEMS ADDRESSED:

Innovative Course Renewal for Athletic Trainer and Innovative Course Evaluations for Athletic Trainer and Internetworking Technologies I and II

RECOMMENDED ACTION:

Approval of Innovative Course Renewal for Athletic Trainer and Innovative Course Evaluations for Athletic Trainer and Internetworking Technologies I and II

BUDGETARY INFORMATION:

None

Division of Curriculum
Transmittal Form for Innovative Course and Program Approval

(Deadline: February 17, 2004)

☐ New Course

☒ Renewal and
Evaluation

☒ Evaluation Only

(1) Beeville ISD (2) 013901
District Name County/District Number

(3) 2400 N St Marys, Beeville, TX 78102
Mailing Address, City, Zip Code

(4) Name of superintendent Dr. John Hardwick

(5) Contact person Nancy Jones

(6) Phone number for contact person 361-358-7111

(7) Date of local board of trustees approval _____

(8) Innovative courses submitted for approval:

(a) Athletic Training

(b) Internetworking Technologies I & II Evaluation Only, Non-Renewal

(c) _____

(d) _____

(e) _____

The innovative course application should be submitted to:

Attn: Hellen R. Bedgood, Assistant Curriculum Director
Division of Curriculum
Texas Education Agency
1701 N. Congress Avenue
Austin, TX 78701-1494
Phone: (512) 463-9581
FAX: (512) 463-8057

Please submit your application at least six months prior to implementation.
For Fall 2004 implementation, please submit your application by February 17, 2004.

Innovative Course Application

1. Course Title: Athletic Training
2. District: Beeville ISD
3. Course Requirements:

A. Description of the course and its essential knowledge and skills:

The purpose of this course is to provide an overview of the measures for the prevention, management, and rehabilitation of athletic related injuries. Students will study basic anatomy as it applies to athletic injuries, protective equipment and bracing to protect the injured area and different theories of evaluation and rehabilitation techniques as they apply to athletic injuries. Problems such as nutrition, physical examination, wound care, environmental conditions, therapeutic modalities, and athletic training facilities and equipment are discussed.

Preliminary Course Outline

Topics

The Athletic Trainer and the Sports Medicine Team

- What is an Athletic Trainer
- What is Sports Medicine
- The players on the Sports Medicine Team
- Future direction for the Athletic Trainer

Training and Conditioning Techniques

- Conditioning seasons and periodization
- Principles of conditioning
- Foundations of conditioning
- Warm up and cool down
- Improving and maintaining flexibility
- The importance of muscular strength

Basic Anatomy

- Anatomical position, planes, and movement
- Skeletal system
- Muscular system
- Nervous system

Sports Related Injury and Tissue Response to Physical Injury

- Tissue response to physical injury
- The inflammation repair process
- The injury responses to bone, cartilage, nerve and soft tissue
- The clinical grading systems in athletic injuries

Evaluation, Treatment and Rehabilitation of Athletic Injuries

- Emergency care and first aid
- Head and face injuries
- Shoulder girdle injuries
- Arm, elbow, wrist and hand injuries
- Cervical, thoracic and lumbar spine injuries
- Pelvis and hip injuries
- Thigh and knee injuries
- Lower leg, ankle and foot injuries

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- Thigh and knee injuries
- Lower leg, ankle and foot injuries
- Thermal injuries

Therapeutic Modalities and Procedures

- Ice and heat treatments
- Electrical muscle stimulation
- Ultrasound

Other Areas for Consideration

- Nutrition
- Gender differences in athletes
- Sports psychology
- Dermatology

B. Rationale and justification for the request in terms of student need

This course help student who are interested in any medical field. This course will provide them with hands experience in dealing with treating injured athletes.

C. Description of activities, major resources, and materials to be used

About 70% of the course will be in the classroom setting using textbooks, videos, guest speakers and lectures. 30 % of the course will be in the lab setting where the students will learn how to tape, evaluate and treat athletic injuries.

D. Methods for evaluating student outcomes

The students will be evaluated by written, oral and practical exams.

E. Qualifications of teachers

The teacher must have a Texas Teachers Certificate and must be a Texas Licensed Athletic Trainer

F. Amount of credit requested

1/2 - 1 credit

G. School years for which approval is requested

2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010.

Evaluation of Athletic Training, an Innovative Course

The course was taught in a large, traditional classroom. Space was appropriate for the activities used. The training facility was also used during the "hands-on" laboratory training. The district athletic trainer taught the course. The students he taught during the course helped with the care of athlete injuries during sporting activities.

The first year the course was taught (2000-01) fifteen students enrolled. These students were introduced to the profession and principles of athletic training, including topics such as sports medicine organizations, emergency care of specific injuries, emergency procedures, tissue repair and healing, transportation and transfer of catastrophic injuries, methods of bandaging and dressing wounds and adhesive taping. New textbooks and classroom supplies were purchased. All fifteen students earned credit for the course.

Subsequent year brought similar results. The second year (2001-02), a newly hired teacher and athletic trainer taught the course. Nine students enrolled in the course and all nine earned credit with 66% earning an A or B for a final grade. Ten students enrolled in the course the third year (2002-03) with all ten earning credit and a class grade average of 82%. Eleven students took the course the fourth year with ten earning credit. The teacher left the district in May 2004. Because of a change in personnel, the course is not currently being taught.

The teachers of the course conducted continuous formative discussions with students and the coaching staff for whom athletic training services were supplied. Based on these discussions, modifications were made in the delivery and laboratory phases of instruction. Meetings with the principal and the instructional consultant added to the formative information used to modify instruction to benefit students and their acquisition of knowledge.

We do believe that there is enough interest in the course to continue offering it. This course provides a unique opportunity for some students who wish to pursue a career in the medical profession and we respectfully request that our application to teach the course for another five years be granted.

Internetworking Technologies I & II Evaluation

COURSE DESCRIPTIONS

Internetworking Technologies I—This rigorous course will prepare students to become networking technicians. Students will learn networking components, the design and installation of network cabling as well as beginning router configurations and network management. Students completing the entire 2-year program are eligible to take the Cisco Certified Networking Associate Exam (CCNA). (This course was weighted for local 'honors' credit.)

Internetworking Technologies II—This rigorous course is a continuation of the Internetworking Technologies I. Students will continue to learn router and switching configurations, network management, and advanced network designs. Students will participate in networking project based activities by designing and installing their own computer network. Students will also prepare for the Cisco Certified Networking Associate Exam (CCNA). (This course was weighted for local 'honors' credit.)

EVALUATION

Internetworking Technologies I & II have not been taught for the past 2 school years (2003-2004 & 2004-2005). Students would not enroll in the class, therefore, the enrollment numbers were not high enough to teach the course. The last year we taught it, we were forced to offer it through independent study so that they could take the 2nd year.

No students who did take the courses attempted the CISCO certification exam. Students reported that the course was too hard. It is believed that the students of A. C. Jones High School are not interested in this program.

2000-2001	9 enrolled, 7 passed
2001-2002	11 enrolled, 3 dropped at semester, 8 passed
2002-2003	14 enrolled, 7 dropped at semester, 7 passed
2003-2004	2 enrolled in independent study, 2 passed

Beeville ISD does not wish to renew this innovative course.