

AGRICULTURAL EDUCATION APPLICATION

I. General Information:

A. Program, by Title:

Agricultural Education 01.000

B. Determined Need for the Program:

The interest in the agriculture, food fiber and natural resource system in our area has highlighted the need to develop a broader range of related academic skills, better economic understanding and increased management skills necessary for success in a community.

The student interest assessment shows that a high percentage of students would be interested in enrolling in an Agriculture, Food and Natural Resources program.

It is the consensus of the School Board, and administration that an agricultural education program could provide appropriate, meaningful, and challenging additional opportunities for the students in the school district.

C. Advisory Committee

The Advisory Committee consists of the Board of Education and other school patrons. Members of the committee are as follows:

Several of these people are in production or other agricultural industry related fields and contribute to the success of the community. They will all be involved in curriculum and additions and program, plans. _____ District Supervisor for the Missouri Department of Elementary and Secondary Education has been consulted and encouraged our endeavor.

D. Administration of Program

_____, Superintendent, and _____, High School Principal, and _____, Middle School Principal, will be responsible for the supervision of the program. The agriculture education instructors will analyze and evaluate the strengths and areas for improvement in the program. The State Department, through its district supervisor, will provide evaluation and input into the program. The proposed addition will be administered through the existing department.

E. Name, Location, and Space

The Agricultural Education classroom will be housed at _____
High School.

The current Agricultural Education classroom is housed in the
Agricultural/Industrial Arts building. The expansion will take place in
the classroom and shop area vacated by the industrial arts program.

F. Relation of Proposed Programs to Present Offerings

The Agriculture Education Program will create a more comprehensive
curriculum program for the High School and Junior High School
students. The expanded program would provide additional relevant
instructional offerings that will increase contextual learning
opportunities for student achievement with the advantages of
leadership development through the FFA Program.

G. Not Applicable

H. Proposed Date for the

Program July 1, 20__

II. Instructional Information:

A. Program Objective in Measurable Terms:

The programs "Objectives" will be to:

1. Develop a 50% increase in understanding of the agriculture, food, fiber and natural resource related businesses and the relationship between agriculture and society.
2. Develop a closer working relationship between the school and the agriculture, food, fiber and natural resource business community.
3. Provide a broader curriculum base for the students and community of _____ High School.
4. Develop the competence necessary to succeed in agriculture, food, fiber and natural resource related business as determined by follow-up surveys of our graduates.

5. Prepare students for careers in the agriculture, food, fiber and natural resource industry and advanced study at the post-secondary level.
6. Develop leadership, personal, and communication skills necessary in agriculture, food, fiber and natural resource careers.
7. Promote contextual and practical applications of the academic con areas of Mathematics, Science, Communication Arts and Social Studies.

B. Topic Outline of Program Instruction and Course Sequencing

The Agricultural Education curriculum will follow the guidelines developed by Agricultural Education Section, DESE. The major units will be as follows:

Freshman Course - Agricultural Science I

Sophomore Course - Agricultural Science II

Junior & Seniors - Course offerings would be determined by student interests and needs, evaluation of community resources and input from the agriculture instructors and advisory committee.

The following courses would presently be considered:

Animal Science
Agricultural Structures and Construction
Agricultural Power
Agricultural Management and Economics
Advanced Livestock Production
Agricultural Sales and Marketing
Greenhouse Management
Turf and Landscape Management
Conservation of Natural Resources
Equine Science
Veterinary Science
Plant Science
Agricultural Communications

C. Instructional Materials:

All new text and related materials will be selected by future Agricultural Education instructors in conjunction with all parties concerned.

D. Student and Program Assessment

The standards of performance and student expectations will be determined by the instructor. The individual student will be responsible for the successful completion of various projects and reports assigned by the instructor. An instructional management system will be used to monitor student mastery of competencies. The success of the entire program will be assessed annually by the administration, advisory council and state department officials. Input and feedback for evaluation of the program will be obtained from students currently enrolled in the program, follow-up of individuals who graduated from the program, and evaluations from the advisory committee. The following instruments will be used to evaluate the program:

1. Quality Standards and Indicators for Program Improvement
2. Missouri Agricultural Education Program Planning Handbook
3. Surveys and Questionnaires

An annual program evaluation will be provided the Board of Education. The MSIP components of program evaluation and Agricultural Education Program Standards will be followed. Our goal will be to better meet the needs and interest of the students and the agriculture, food, fiber and natural resource community.

III. Student Information:

A. Student Selection and Nature of Students to be Served with Anticipated Enrollment:

The program will be open to all students grades 7-12.

There will be emphasis placed on food, fiber and natural resource careers with the intent to encourage students to become more interested in the program. The anticipated enrollment should range from 60-80 students in the high school and there are currently 100 junior high students which will come into the program on a rotational basis.

B. Guidance and Counseling Services:

The instructor will provide most of the required services. They will be required to guide the students in the classroom and counsel them concerning their Supervised Agricultural Experience (SAE) projects. Home visitations will be an important factor in the guidance area. Additional guidance services will be provided by the high school counselor and principal.

C. Student Transition and Placement Procedures:

Program graduates will be assisted in transition to employment, college, or technical training by the instructor and counselor.

Community Colleges and Universities with agriculture programs will be contacted to develop articulation agreements or the delivery of dual credit courses.

D. Follow-Up Procedures:

Surveys will be utilized as a follow-up procedure to determine the effectiveness of the Agricultural Education program. Insights from former students and ideas from surrounding schools will be used to help formulate new approaches to instruction and improvement to the curriculum.

E. Participation in Career Technical Student Organization:

An FFA chapter will be organized and affiliated with state and national organizations.

F. Accessibility:

All programs are accessible to all students.

IV. Budget Information:

A. Anticipated Salary Expenditure:

The projected expenditure for an Agricultural Education instructor would be approximately _____ per year, 12 months contract.

B. Major Equipment Currently Available

_____, _____ will be using the equipment currently available in the existing Agricultural Education department and the industrial arts department. (An inventory and list of supplies is available in the Superintendent's office.)

C. Proposed Equipment, Teachings Aids, and Supplies Expenditures

Decisions have not been made at this time. This area would be determined after consultation with the agriculture instructors and members of the State Department of Education. The school will follow guidelines recommended by Missouri Universities, and colleges and the state department. An Enhancement Grant application will be completed and submitted for equipment essential instruction in high demand career areas such as horticulture and agribusiness.

D. Long Range Plans for Major Equipment Purchases:

Sufficient machines are currently available. When purchases are made, the equipment will be obtained in conjunction with the State Department of Education's support and recommendations.

E. Adult Education

An Adult Program exists at _____ High School. Some discussion has taken place for the addition of an FBMA Program and one patron is currently started on this financial management system. The goal is to tie the school to the community through the involvement of adults.

A community survey revealed a number of adult educational needs. Short-term supplemental classes will be offered to the community each year.