MEMORANDUM

TO: President Ray M. Bowen

SUBJECT: Approval of Undergraduate Curriculum Items, FS 06/14/99

At its regular meeting on June 14, 1999, the Faculty Senate approved the following curriculum items from the University Curriculum Committee and submits them for your approval. Enclosed is a copy of the material sent to senators on these items.

New Undergraduate Courses: AERS 105, AERS 106, COSC 464

Undergraduate Courses to be Withdrawn: ENGR 109, ENGR 201, ENGR 202, ENGR 203, ENGR 204

Undergraduate Course Changes: AERS 101, AERS 102, AERS 201, AERS 202, AERS 303, AERS 304, AERS 403, AERS 404, COSC 421

Thank you for your consideration of these items. I would appreciate your informing me of your action on these recommendations.

Thomas E. Wehrly
Speaker, 1999-2000

Enclosures

cc: Dr. Ronald G. Douglas, Executive Vice President & Provost
    Dr. R. Bruce Simpson, Chair, University Curriculum Committee
    Ms. Linda F. Lacey, Director of Academic Support Services

Approved:

Ray M. Bowen, President

Date 10/11/99
October 11, 1999

Memo to: Dr. Thomas E. Wehrly

The attached has been approved and is returned for further handling.

Ray M. Bowen

cc: Dr. Ronald G. Douglas
    Dr. R. Bruce Simpson
    Ms. Linda F. Lacey
The University Curriculum Committee recommends approval of the following:

1. **New Courses**

   **AERS 105. AFROTC Leadership Lab. (0-2). Credit 1.** Designed to give insight into the Air Force and give leadership opportunities to cadets through a variety of experiences; expected to perform a multitude of tasks in both the subordinate and superior roles.

   **AERS 106. AFROTC Leadership Lab. (0-2). Credit 1.** Designed to give insight into the Air Force and give leadership opportunities to cadets through a variety of experiences; expected to perform a multitude of tasks in both the subordinate and superior roles.

   **COSC 464. Construction Safety. (3-0). Credit 3.** Administration and application of the Occupational Safety and Health Act in the construction industry; topics include OSHA standards, the general duty clause, competent person, and hazard identification; compliance with safety standards and legislative issues addressed; fulfills thirty-hour OSHA certification, and CPR and first aid certification requirements. Prerequisite: Junior or senior classification.

2. **Courses to be Withdrawn**

   **ENGR 109. Engineering Problem Solving and Computing.**

   **ENGR 201. Conservation Principles in Engineering.**

   **ENGR 202. Properties of Matter.**

   **ENGR 203. Modeling and Behavior of Engineering Systems.**

   **ENGR 204. Conservation Principles of Continuous Media.**

3. **Changes in Courses**

   **AERS 101. Foundations of the USAF.**

   Lab and credit hours
   
   from: (1-3). Credit 2.
   
   to: (1-0). Credit 1.
Course description
from: Introduces students to the U.S. Air Force and the Air Force Reserve Officer Training Corps (AFROTC); includes Officership, professionalism, military customs and courtesies, and officer opportunities and benefits; leadership laboratory is mandatory for AFROTC cadets and complements this course with followership experience.

to: Introduces students to the U.S. Air Force and the Air Force Reserve Officer Training Corps (AFROTC); includes Officership, professionalism, military customs and courtesies, and officer opportunities and benefits; AFROTC cadets must register for Leadership Laboratory (AERS 105) as it complements this course with followership experience.

AERS 102. Foundations of the USAF.

Lab and credit hours
from: (1-3). Credit 2.
to: (1-0). Credit 1.

Course description
from: Continuation of AERS 101.
to: Continuation of AERS 101; AFROTC cadets must register for Leadership Laboratory (AERS 106) as it complements this course with followership experience.

AERS 201. Evolution of Air and Space Power.

Lab and credit hours
from: (1-3). Credit 2.
to: (1-0). Credit 1.

Course description
from: Examines general aspects of air and space power through a historical perspective; covers the time period from the first use of balloons to the Persian Gulf War; mandatory leadership laboratory.
to: Examines general aspects of air and space power through a historical perspective; covers the time period from the first use of balloons to the Persian Gulf War; AFROTC cadets must register for Leadership Laboratory (AERS 105) as it complements this course with followership/leadership experience.

Lab and credit hours
from: (1-3). Credit 2.
to: (1-0). Credit 1.

Course description
from: Continuation of AERS 201.
to: Continuation of AERS 201; AFROTC cadets must register for Leadership Laboratory (AERS 106) as it complements this course with followership/leadership experience.


Lab hours
from: (3-1). Credit 3.
to: (3-0). Credit 3.

Course description
from: Leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics; case studies of leadership and management situations as a means of demonstrating and exercising practical application of concepts; mandatory leadership laboratory.
to: Leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics; case studies of leadership and management situations as a means of demonstrating and exercising practical application of concepts; Air Force contract individuals (or those seeking a contract) must register for Leadership Lab (AERS 105).


Lab hours
from: (3-1). Credit 3.
to: (3-0). Credit 3.

Course description
from: Continuation of AERS 303.
to: Continuation of AERS 303; Air Force contract individuals (or those seeking a contract) must register for Leadership Lab (AERS 106).

Lab hours
from:  (3-1). Credit 3.
to:    (3-0). Credit 3.

Course description
from:  Examines the Constitution and the national security process; focus on civilian control of the military; the roles of the Services; and the functions of the Air Force commands; mandatory leadership laboratory.
to:    Examines the Constitution and the national security process; focuses on civilian control of the military; the roles of the Services; and the functions of the Air Force commands; Air Force contract individuals (or those seeking a contract) must register for Leadership Lab (AERS 105).


Lab hours
from:  (3-1). Credit 3.
to:    (3-0). Credit 3.

Course description
from:  Continuation of AERS 403.
to:    Continuation of AERS 403; Air Force contract individuals (or those seeking a contract) must register for Leadership Lab (AERS 106).

COSC 421. Structural Systems IV.

Course title
from:  Structural Systems IV.
to:    Structural Systems II.
MEMORANDUM

TO: President Ray M. Bowen
FROM: Thomas E. Wehrly
Speaker, 1999-2000

SUBJECT: Resolution from Faculty Senate Endorsing the Work of Vision 2020

At its regular meeting on June 14, 1999, the Faculty Senate approved the enclosed Resolution endorsing the work of Vision 2020. We submit this resolution for your information.

Thank you for your support of the Faculty Senate.

Enclosure

cc: Dr. Ronald G. Douglas, Executive Vice President & Provost
Dr. Janis Stout, Dean of Faculties
Resolution from Faculty Senate Endorsing the Work of Vision 2020

WHEREAS, The continued development of quality at Texas A&M University requires vision and diligence on the part of all faculty at the University;

WHEREAS, President Ray M. Bowen initiated a long range planning process, embodied in the Vision 2020 Committee, at the faculty convocation on October 17, 1997;

WHEREAS, This committee sought advice and counsel from faculty in all of the colleges of Texas A&M University, to identify improvements that could be made in our academic pursuits and then addressed those issues of concern;

WHEREAS, The determination has been made to focus on quality and excellence to achieve parity with the best public universities in America;

WHEREAS, There remain many perspectives about how to achieve this objective; and

WHEREAS, Vision 2020 envisions continuous adaptation of this long term plan through the participation of every member of the university community now and in the future; therefore be it

RESOLVED, That we, the members of the Faculty Senate, meeting this fourteen day of June, 1999 endorse the effort and attention paid to increasing the quality of the academic environment by supporting all measures which will improve the quality of teaching, research and service at Texas A&M University, including parity of faculty salaries, and express thanks to the faculty, staff and friends of Texas A&M University who participated in the undertaking; and

RESOLVED, That this resolution be entered into the minutes, and copies thereof, signed by the speaker of the Faculty Senate, be distributed widely to record the support of the Faculty Senate of Texas A&M University in the continued quest for quality.

Approved by the Executive Committee on May 25, 1999
Approved by the Faculty Senate on June 14, 1999