

SIMON FRASER UNIVERSITY

S. 446

MEMORANDUM

To..... SENATE.....

From..... H. M. EVANS, REGISTRAR AND SECRETARY  
EXECUTIVE COMMITTEE OF THE SENATE  
..... COMMITTEE ON GRADUATE STUDIES.....

Subject..... GRADUATE COURSE OFFERINGS IN  
KINESIOLOGY.....

Date..... NOVEMBER 23, 1970.....

This is to advise that the Executive Committee of the Senate Committee on Graduate Studies approved the Graduate Course offerings in Kinesiology at their meeting on November 23, 1970.

These are now being forwarded to Senate for approval.

cc J. M. Webster  
I. B. Kelsey

# SIMON FRASER UNIVERSITY

## MEMORANDUM

To..... DR. WEBSTER,  
..... DEAN OF GRADUATE STUDIES.  
Subject..... GRADUATE COURSE OFFERINGS IN  
..... KINESTIOLOGY

From..... B.L. FUNT,  
..... DEAN OF SCIENCE.  
Date..... NOVEMBER 23, 1970.

I have noted an important omission in my memorandum of November 20th regarding the Kinesiology courses.

In his letter of October 27th which was circulated to the Kinesiology Committee, Dr. Ross included the following statement:

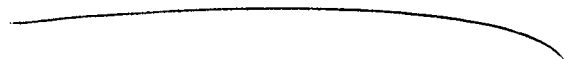
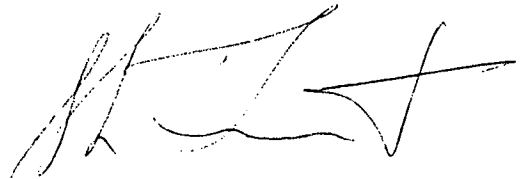
"We propose that graduates be permitted to count only one 3 hour Research course toward the 18 hour basic requirement."

This restriction is also reflected in the calendar copy which has been submitted pending approval of the changes by Senate.

This restriction, however, was not included in the specifications included on the individual new course proposal forms.

I would appreciate your bringing this additional point to the attention of the Executive Committee of the Senate Committee on Graduate Studies.

BLF/lr



## SIMON FRASER UNIVERSITY

## MEMORANDUM

To..... Mr. H. Evans	From..... B.L. Funt
Secretary to Senate	Dean of Science
Subject..... Kinesiology Changes in Graduate Offerings	Date..... November 20, 1970

The Interdisciplinary Committee on Kinesiology at its meeting of November 9th approved the following changes in the Kinesiology graduate program. These are now recommended to the Senate Graduate Studies Committee for approval.

- 1) The Committee recommends a reduction of the total course credit hours from 20 to 18 for the M.Sc. (Kinesiology) Program. (The program requires completion of a thesis in addition)

*Reason*

This brings the course credit requirement into closer position with the requirements in the departments in the Faculty of Science. Furthermore, it eliminates an awkward situation which resulted from the fact that the courses available for credit often added up to 19 instead of 20, because of the unit credit assigned.

- 2) The Committee recommends the reduction of credit hours in Kines. 801 and in Kines. 802 from 5 hours to 3 hours in each of these courses. These courses are renumbered 806-3 and 807-3 respectively.

*Reason*

This represents a redistribution of the course content.

- 3) The Committee recommends the approval of 8 courses which embody topics previously given under Kinesiology 805, "Special Topics". (New Course Proposal Forms are attached)

*Reason*

The specification in this manner indicates more clearly the proficiencies and areas of competence in the Department and indicates the range of topics which might have been given under the special topics format. It will also permit 2 special topics to be taken without a repetition of a course number.

*B.L. Funt*

LBF/ma

cc: M. McGinn ✓

Note: The above memorandum has been modified to incorporate changes approved by the Executive Committee of the Senate Committee on Graduate Studies, November 23, 1970. Similarly the descriptions have been changed from "Research" to "Special Topics."

# SIMON FRASER UNIVERSITY

## MEMORANDUM

To.....Dean L. Funt.....  
Chairman  
Senate Interdisciplinary Studies.....

From.....Dr. William D. Ross.....  
Chairman, Graduate Studies Committee  
Kinesiology.....

Subject.....PROJECTED CHANGES M.Sc. GRADUATE.....

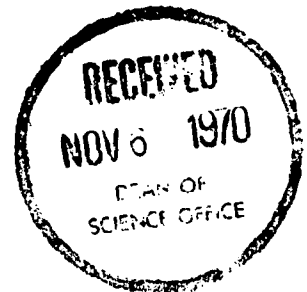
Date.....November 5, 1970.....

The projected changes in our M.Sc. Graduate Program:

- 1) reduction of total hours required for M.Sc.(Kinesiology) from 20 to 18
- 2) reduction of credit in two required seminars from 5 to 3
- 3) identification of individual research areas we feel would accomplish the following:
  - (a) make program planning easier since graduate courses are usually ascribed three hours credit
  - (b) Kines. 801 and 802 Seminars which were designed to give an overview and introduction to graduate study in Kinesiology could well have the work load reduced and thus encourage students to focus attention in specific areas rather than devote time to generic study of the field.
  - (c) the individual research courses we wish to offer in addition to Kines. 805 Special Topics, represent no additional cost or deployment of faculty. The change merely helps identify our areas of interest and permits us to ascribe responsibility for graduate leadership. "Special Topics" is an innocuous label, we can continue to use it to give opportunity for individual research guidance but identification of the area in the catalogue and on transcripts would be appropriate since the title would give information.

WDR/mp

*WDR*



SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATION

Department: Physical Development Studies Course Number: 811-3 Title: Anatomy  
 Sub-title or Description:

## Special Topics

Credit Hours: 3

Vector Description: N/A

Pre-requisite(s):

Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

- A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 805 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportune. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

- B. What is the range of topics that may be dealt with in the course?

Ongoing research in anatomy.

C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Dr. Allan J. Davison

B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL -

Interdisciplinary Committee

on Kinesiology: *Passed November 9, 1970*

Senate:

SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATION

Department: Physical Development Studies Course Number: 812-3 Title: Anthropometry

Sub-title or Description:

**Special Topics**

Credit Hours: 3

Vector Description: N/A

Pre-requisite(s):

Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

- A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 803 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportune. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

- B. What is the range of topics that may be dealt with in the course?

Ongoing research in Anthropometry.



C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Dr. William D. Ross

B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL -

Interdisciplinary Committee

on Kinesiology:

Passed November 9, 1970

Senate:

SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATION

Department: Physical Development Studies Course Number: 813-3 Title: Biomechanics  
 Sub-title or Description:

Special Topics

Credit Hours: 3

Vector Description: N/A

Pre-requisite(s):

Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 803 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportuno. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

B. What is the range of topics that may be dealt with in the course?

Ongoing research in biomechanics.

C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Mr. Arthur E. Chapman

B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL - Interdisciplinary Committee

on Kinesiology:

Passed November 9, 1970

Senate:

SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATION

Department: Physical Development Studies Course Number: 814-3 Title: Cultural Aspects  
 Sub-title or Description:

Special Topics

Credit Hours: 3 Vector Description: N/A  
 Pre-requisite(s): Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.  
 Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 803 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportuno. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

B. What is the range of topics that may be dealt with in the course?

Ongoing research in cultural aspects.

C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Miss Iris Farland

B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL -

Interdisciplinary Committee

on Kinesiology:

Passed November 9, 1970

Senate:



SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATION

Exercise

Department: Physical Development Studies Course Number: 815-3 Title: Biochemistry

Sub-title or Description:

**Special Topics**

Credit Hours: 3

Vector Description: N/A

Pre-requisite(s):

Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

- A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 803 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportuno. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

- B. What is the range of topics that may be dealt with in the course?

Ongoing research in exercise biochemistry.

C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Dr. N. M. G. Bhakthan

B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL -

Interdisciplinary Committee

on Kinesiology:

Passed November 9, 1970

Senate:

SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATION

Department: Physical Development Studies Course Number: 816-3 Title: Physiology Exercise  
 Sub-title or Description:

## Special Topics

Credit Hours: 3 Vector Description: N/A

Pre-requisite(s):  
 Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

- A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 805 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportune. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

- B. What is the range of topics that may be dealt with in the course?

Ongoing research in exercise physiology.

C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Dr. Eric W. Sanisver

B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL - Interdisciplinary Committee

on Kinesiology: *Passed November 9, 1970*

Senate:

SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATIONLearning  
and Motor

Department: Physical Development Studies Course Number: 317-3 Title: Performance

Sub-title or Description:

Special Topics

Credit Hours: 3

Vector Description: N/A

Pre-requisite(s):

Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

- A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 803 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportuno. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

- B. What is the range of topics that may be dealt with in the course?

Ongoing research in learning and motor performance.

C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Mr. John N. Montgomery



B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL - Interdisciplinary Committee

on Kinesiology:

Passed November 9, 1970

Senate:

SIMON FRASER UNIVERSITY

## NEW COURSE PROPOSAL

I CALENDAR INFORMATION

Department: Physical Development Studies Course Number: 818-3 Title: Sports  
 Sub-title or Description: Medicine

Special Topics

Credit Hours: 3 Vector Description: N/A

Pre-requisite(s):  
 Consent of instructor.

II ENROLMENT AND SCHEDULING

Estimated Enrolment: One per semester.

Semester Offered (e.g. Yearly, every Spring; twice yearly, Fall and  
 Spring): Every semester.

When course will first be offered: Immediately upon approval.

III JUSTIFICATION

- A. What is the detailed description of the course including differentiation from lower level courses, from similar courses in the same department and from courses in other departments in the University?

This course and the adjoining proposed research courses are meant to identify the areas, within the department, of particular competence and and of specific relevance. It is, essentially, a breakdown of Kines. 805-3, Special Topics, into designated subjects already being taught under the special topics heading.

As outlined in the attached calendar copy revisions, Kines. 803 (Seminar) and Kines. 805 (Special Topics) will in the future only be offered occasionally when opportune. Whereas this would normally require a student to take 9 hours of graduate level courses from departments other than Kinesiology, these proposed courses will provide sufficient cognate area enrichment within the Kinesiology program itself.

- B. What is the range of topics that may be dealt with in the course?

Ongoing research in sports medicine.

C. How does this course fit the goals of the department?

Identifies an area of interest and competence within the Department and ascribes responsibility for graduate leadership.

D. How does this course affect degree requirements?

May be taken as part of the 18 course hour requirement for the M.Sc. degree.

E. What are the calendar changes necessary to reflect the addition of this course?

Addition (of this course and other research topics courses) in the Calendar -- see attached calendar copy revisions.

F. What course, if any, is being dropped from the calendar if this course is approved?

None.

G. What is the nature of student demand for this course?

Each student in the program elects to take at least one of these courses in his graduate research.

H. Other reasons for introducing the course.

This course provides a more specific identification in the catalogue than furnished by the title "special topics". A specific title on transcripts would be more appropriate since the title would be informative of the course content.

IV

BUDGETARY AND SPACE FACTORS

A. Which faculty will be available to teach this course?

Dr. W. Raymond Ponceau.

B. What are the special space and/or equipment requirements for this course?

None.

C. Any other budgetary implications of mounting this course:

This course represents no additional cost or deployment of faculty.

APPROVAL -

Interdisciplinary Committee

on Kinesiology:

Passed November 9, 1970

Senate: