

## MINUTES OF THE SENATE EDUCATION COMMITTEE

The meeting was called to order by Chairman Jean Schodorf at 1:30 p.m. on January 20, 2010, in Room 152-S of the Capitol.

All members were present.

## Committee staff present:

Martha Dorsey, Kansas Legislative Research Department  
Sharon Wenger, Kansas Legislative Research Department  
Audrey Dunkel, Kansas Legislative Research Department  
Dorothy Gerhardt, Committee Assistant

## Conferees appearing before the Committee:

Dr. Edward H. Hammond, President, Ft. Hays State University  
Leo Budy, Basehor  
Tyler Clark, St. John  
Alexis Greb-Bonham, Wellington  
Kathryn Schmidt, Atchison

## Others attending:

See attached list.

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Students Leo Budy, Basehor; Tyler Clark, St. John; Alexis Greb-Bonham, Wellington; and Kathryn Schmidt, Atchison, each presented a short overview of the KAMS program at Fort Hays State University (Attachment 1). There are currently 24 high school students enrolled in the program which, over two years, provides 68 hours of college credit in addition to a high school diploma, hands-on research opportunities, leadership development opportunities, as well as activities to develop the whole student. Parents Natalie Clark and Dean Schmidt also spoke briefly in support of the program for junior and senior high school students.

A brief question and answer session of the students followed.

Dr. Edward Hammond, President, Fort Hays State University, briefly addressed the committee, stating their requested state appropriation this year would be reduced to \$200,000.

Chair Schodorf recognized the Youth Leadership - Reno County students in the audience participating in "A Day On the Hill" activities.


The next meeting is scheduled for January 21, 2010.

The meeting was adjourned at 02:30 p.m.

# SENATE EDUCATION COMMITTEE GUEST LIST

DATE: January 20

NAME	REPRESENTING
Alexis Bonham	KAMS
Leo Budy	KAMS
Tyler Clark	KAMS
Katie Schmielt	KAMS
Ane Storm	SBOE
Youth Leadership Benoit County	Beno Co
Tom Kuhn	KASB
KOB MEALY	KEMANTY & Assoc.



**Kansas Academy  
of Mathematics  
& Science**

**KANSAS ACADEMY OF  
MATHEMATICS & SCIENCE**

At Fort Hays State University

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## What is KAMS?

An early-entry-to-college program that allows academically **talented** and **motivated** high school juniors & seniors who are interested in math and science to live at FHSU and attend a residential academy.



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## About KAMS . . .

- Students receive 68 hours of college credit
- Focused on academics, research, leadership development and civic engagement
- Established and funded by the Kansas state legislature to promote mathematics and science education



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Senate Education  
1-20-10  
Attachment 1

## Characteristics of a Successful KAMS Student

- Enjoys mathematics and science
- Un(der)challenged in school
- Demonstrates maturity and dedication
- Willing to live away from home
- Willing to take risks
- Willing to work hard
- Willing to be part of a group
- Exhibits high personal standards



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## Preparing for KAMS

The more students can prepare ahead of time, the better

- Take ACT/SAT in fall of sophomore year (or earlier)
- Complete Pre-calculus, if possible
- Take all PE & foreign language credits
- Take all school-specific credits



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## 9th & 10th Grade Suggested Curriculum

9 <sup>th</sup> Grade		10 <sup>th</sup> Grade	
Courses:	Units:	Courses:	Units:
English I	1	English II	1
Algebra II (Geometry in 8 <sup>th</sup> Grade)	1	Functions/Stats/Trig	1
Science (Physical)	1	Science (Biology)	1
PE/Health	1	Science (Chemistry)	1
Technology	1	World History II	.5
World History	.5	Foreign Language	1
Foreign Language	1	Practical Arts	.5
Practical Arts	.5	Electives	1
<b>7 Units Total</b>		<b>7 Units Total</b>	

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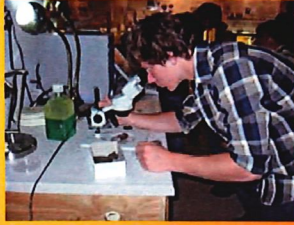
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## Evaluation of Applicants

### Holistic evaluation:

- Overall GPA
- ACT/SAT scores
- GPA in relevant classes
- Class rank
- Student Essays
- Teacher evaluations
- Leadership qualities
- Maturity & motivation
- Phone interview



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## Academics & Research

- Gain hands-on research experience with PhD-level faculty
- Develop research skills during your junior year
- Conduct research over the summer or during your senior year
- Make a professional presentation before graduation



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## Junior Year Courses

### Fall Semester:

- Pre-Calculus
- University Chemistry I & Lab
- Global Climate Change: Science and Impacts
- English Composition I
- US History before 1877
- Colloquia

17 Credit Hours

### Spring Semester:

- Analytic Geometry & Calculus I
- University Chemistry II & Lab
- English Composition II
- US History after 1877
- Colloquia

16 Credit Hours

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## Senior Year Courses

### Fall Semester:

- Calculus II
- Principles of Biology
- Physics for Scientists & Engineers I
- Fundamentals of Oral Communication
- Departmental Research & Writing
- Colloquia

18 Credit Hours

### Spring Semester:

- American Government
- Computer Science Elective
- Physics for Scientists & Engineers II
- Issues in Leadership: Seven Revolutions
- Departmental Research & Writing
- Colloquia

17 Credit Hours

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## Student Engagement

- Service-learning components in selected classes
- Opportunities/Expectation to volunteer
  - KAMS & FHSU
  - Community
- Leadership development



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## Costs

### Tuition and fees

- Transfer of base state aid from sending school to KAMS, so free for Kansas public school students
- **Tablet Computer**
  - Necessary and provided by private funding in 2009-2010
- **Textbooks**
  - Provided by state appropriation

### Responsibility of Students/Families:

- **Housing (includes the meal plan)**
  - \$6560 in 2009-2010
  - Working to develop private funding for scholarships
- **Transportation to/from campus**
- **Incidentals** (laundry, snacks, spending money)

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## Timeline

- February 1, 2010: Application deadline for US students
- March 1, 2010: Application deadline for International students
- February/March, 2010
  - US applications reviewed
  - Phone interviews
- Late March/Early April, 2010
  - US students notified
- Late May, 2010
  - International students notified
- November 13, 2010: 3<sup>rd</sup> Annual Preview Day



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## Q & A



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## Contact KAMS

**Website:**

[www.fhsu.edu/kams](http://www.fhsu.edu/kams)

**Email:**

[kams@fhsu.edu](mailto:kams@fhsu.edu)

**Blog:**

[fhsukams.wordpress.com](http://fhsukams.wordpress.com)

**Discussion Board:**

[fhsukams.proboards.com](http://fhsukams.proboards.com)

**Phone:**

Office: (785) 628-4690

Director: (785) 628-5973

**Address:**

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Hays, KS 67601

KAMS is on 

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