MINUTES OF THE MEETING
EDUCATION SUBCOMMITTEE
50TH LEGISLATURE

February 16, 1987

The meeting of the Education Subcommittee was called to order by Chairman Dennis Nathe at 8:07 a.m. on Monday, February 16, 1987 in Room 104 of the State Capitol.

ROLL CALL: All members were present. Also present were Dori Nielson of the Legislative Fiscal Analyst office, Sib Clack of the Office of Budget and Program Planning, and Deb Thompson, Secretary.

UNIVERSITY SYSTEM

Chairman Nathe inquired about long-term bonds for the university system. He questioned the growing assets of approximately $15 to $20 million and the security of those investments. Jack Noble replied that the broadening of sources of funds gave increased security. All were backed, but none of them with general fund.

Instruction: Dori Nielson explained the University System Enrollment Information and referred to page 8 of the packet (Exhibit 1). The sheet listed the executive figures on enrollment, current level, and projected enrollment using the new factors with fall data. She noted that both Western and Montana Tech were on a semester basis and knew the number of FTE for fiscal 1987. There were reductions in out-of-state enrollment in all units. Stability would make a difference in retention in the future.

Sib Clack mentioned that the executive used enrollment at fall 1986 enrollment projected to full year FTE to give needed stability.

Commissioner Carroll Krause briefly commented on the uncertainty of programs and the lack of confidence in future programs.

Dr. Tietz (136), Montana State University, gave his plea for some consideration relative to base funding so that planning for the future would involve a known component.

David Toppin, Academic Vice President at Montana Tech, commented on enrollments. Montana Tech had the worst retention profile of any of the units. Because of this, one of the highest priorities established on the campus was the

development of the comprehensive retention program that would assist students who were not ready to handle the difficult curriculum. He also mentioned that due to a large graduating class, an enrollment decline was seen. However, growth in future enrollment was anticipated. A graph showing enrollment in petroleum engineering programs indicated direct correlation to the number of wells being drilled in the United States. The business program that was put in place in 1981 was designed to buffer Montana Tech through rises and falls in enrollment that occur as a consequence of the market place. With the business program gone, some other kind of funding would be needed.

Admission standards were discussed. Mr. Toppen said that admission standards would benefit the institution but would result in a drop in enrollment.

The loss of the business program would adversely affect the funding level for other programs. Business students did not consume the full allotment of funds and the extra was spent in the more expensive engineering program. Another source of funding would need to be found.

Representative Peck asked Commissioner Krause to respond to the damage done to future enrollment caused by the publicity surrounding the cutting of programs. Commissioner Krause stated that the units were not anticipating major changes in the enrollment, but that most of the change would occur by the third year. He said that he could see no drop at Northern Montana College due to the offsets of other programmatic development. Representative Peck asked specifically about the decline in enrollment and the interest of going out of state. Commissioner Krause said that it was speculative but the enrollments from Montana high schools could be down six percent. Dori Nielson added that spring of 1986 was the lowest year for total freshman graduating from high school and forty percent of those students are going to the units in the state. Students are insecure about what is going to happen, but it also appears that students can't afford to go out of state. Representative Bardanouve (453) commented about his concern for the university system. He understood that the university system is financially pressed but that young people were believing that the schools were being dismantled. He said he had never seen any university close or fail to open. He believes that the university system is not as financially pressed as they make the people believe.

Commissioner Krause (542) said that quality has been maintained but they may not be able to continue to offer all the programs.

Mr. Toppen said that because Montana was a natural resource state, international economics have affected the college. Full funding would achieve stability and send a message that there is quality in higher education.

Dr. Treadway, President of Western Montana College, pointed out that reciprosity with nearby states would discount out-of-state tuition. (1-B) Commissioner Krause mentioned encouraging enrollment with a reciprocal arrangement for tuition rates. He reasoned that student population was needed to maintain base enrollment.

Chairman Nathe asked the committee about the problem of Montana Tech. Dori Nielson (100) explained that the enrollment and salary factors and needed to be updated. Chairman Nathe said two areas within the formula needed to be updated and those were the salary and support rate. If enrollment impacts were independent it could help Montana Tech on salary and support rate. (152)

Representative Peck moved to accept under enrollment the new enrollment figures of 24,700 for FY88 and of 24,445 for FY89. He said that this was the best information available and that the other information was only speculative. Chairman Nathe clarified that these figures were for both columns. The motion PASSED unanimously.

Dori Nielson referred to the Instructional Support Rate. She explained that at the request of the University of Montana all the figures were rechecked. There were some changes.

Commissioner Krause said that the formula was out of date and showed a deficiency, especially with Montana Tech. The engineering support is expensive compared to the others and for that reason Tech is not fairly funded. Dori Nielson agreed that the formula needed updating.

Dr. Tietz (304) commented on the study conducted by the fiscal analyst in 1985 for the two universities. The determination in the support category showed $100 less than their peers. Montana State University, however, made a difference of over a million dollars in the support category and that was not considered in the reestablishment of the support budget. There had been considerable increases in costs for all of the technical programs. He agreed that Montana Tech had a critical situation.

Dr. Koch also agreed with updating the formula. An example of how the formula needed to be updated was given. He stated that fewer faculty would cause problems with accreditation. Higher cost disciplines needed to be taken into

account (343). The kinds of dollars that are needed to run the programs are not being received.

Dr. Carpenter said the formula needed to be looked at and data updated. He had expressed his concern previously about the overreliance of what happened in two states.

Bill Byars, Northern Montana College, said the NMC has also faced increased costs in instructional support, and new technologies. Robotics, computerized equipment, and more lab time would make the instructional support costs very high and had changed significantly since 1981.

Dr. Treadway commented that Western Montana College specialized in teacher education which was the lower costs in the formula. Without higher cost programs attracting the funds there would be a problem in the long range formula for that institution.

David Toppin from Montana Tech, looked at the history of the formula and its effect on Montana Tech. He felt it was important to take into account that the formula was created in a time of rapidly growing enrollments for all the mining and natural resources institutions in the United States. The Peer Institution Funding Comparisons were shown. (Exhibit 2) Because of the rapid change in funding levels he recommended a study of the formula be done quickly.

There was discussion about enrollments and changes in support rates. The projected decline in enrollment was a problem at Montana Tech. Dr. Tietz commented that the operations could be modified and simplified by changing the discount rate (033). Dori Nielson commented that the salary, according to peer averages, was disproportionate, particularly at Tech. The funding level would certainly make a difference. The instructional support rates are more complex than simply making an adjustment because there are so many factors involved. Sib Clack encouraged the committee to address each of the factors from a programmatic and logical point of view. The instructional support rate is too low. She recommended leaving formula discounting until the end and to look at the faculty salary comparisons. Montana Tech's faculty salaries are low for an engineering faculty.

Senator Jergeson asked to see the figures on the instructional support rate prior to discussing the salary. A bill to freeze salaries for state employees was currently an issue.

Commissioner Krause said there were three areas, student faculty ratio, salaries, and support rate that needed to be

reviewed. Senator Jergeson suggested that the committee do one at a time to see what changes would occur in order to know which figure generated the total.

Dori Nielson explained the comparison in instructional support that would change in terms of enrollment (Exhibit 3).

(223) The committee preferred to wait on the information on how the new enrollment projections impact the budgets on instruction and support. Commissioner Krause commented on how serious this was as far as the impact. Projected enrollment had not been used in the past. The past year, current year, and the projected year enrollments were averaged to come up with the enrollment in the formula. There has been the problem of uncertainty of projecting enrollments appropriately. He stated that LFA figures are very serious and there should be some way of mediating. There are many factors that could be manipulated in this formula. The committee has considered just the projections and not the three year average. This does decrease the enrollments significantly. Dori Nielson said that in the past the figures were negotiated not just three year or projections. One of her major concerns was tuition shortfall. This has made a serious difference in programs and revenue in the past year. This is one of the outcomes of choosing higher enrollment projections.

Senator Jacobson (317) said there was a need for a base that was real. Since enrollment had been "negotiated" for so many years it had caused problems because of fluctuating enrollment figures, tuition and millage. A more solid base not as dependent on enrollments should be considered. Chairman Nathe suggested to the committee that they have a day to think it over and that they move into portions that were not enrollment driven.

Public Service: Dori Nielson referred to page 3 of the information packet (Exhibit 1). She said that adjustments to base were made on expenditures that exceeded appropriation.

Sib Clack said that the executive used the 1986 appropriated base and had made reductions beyond what the LFA had.

Mr. Jack Noble (405) said they had no dispute of current level as proposed in the area of public service.

Senator Jergeson asked for clarification of the programs. The programs were listed and broken down by dollar amount by the units. The dollar amounts were discussed as well as the additional private money that supported some of the

programs. Dr. Donald Habbe, Academic Vice President, at University of Montana, spoke about the Western Montana Health Education Program that established relations with medical health persons. WAMI and WICHE were discussed. Commissioner Krause said that WAMI and WICHE were for student support. Dr. Koch said that the Western Health Education Program had been cancelled because of lack of funds, however they would continue to operate on private grants.

Senator Jacobson moved to accept current level funding for public service for FY88 of $457,086 and for FY89 of $457,091. (2-B) Chairman Nathe asked Dr. Koch if the Western Health Program had been cut, would this give the funds to reinstate that program. Dr. Koch replied that those dollars were reallocated and would appear in instruction which was not base-building. The money would appear back on the instruction side not to reinstate the program. Senator Jergeson asked if this money should be put into instruction where it belongs. Senator Jacobson withdrew the motion for current level and moved to accept the executive budget to include 4 percent vacancy savings. Bruce Carpenter commented that the public service budget for Eastern had not been transferred nor would it be transferred. If the committee proposed to have all the units operate on the basis of University of Montana they would all have difficulty. He suggested that if there was difficulty with one aspect of the budget that that be dealt with but not to include all the units. Commissioner Krause said the units protect the incremental portions of the budget but when they go into the formula five of the units lose the money.

Senator Jergeson made a subsequent motion (116) and moved to accept the executive budget for Montana State University at $10,048 for FY88 and $10,048 for FY89 adding $252 each year for vacancy savings, University of Montana at $189,450 for FY88 and $189,462 for FY89 adding $6,442 each year for vacancy savings, and Northern Montana College $8,575 for FY88 and $8,575 for FY89 adding $316 each year for vacancy savings and for Eastern Montana College he moved current level of $231,435 for FY88 and $231,447 for FY89. The motion PASSED unanimously.

ADJOURNMENT: The meeting was adjourned at 11:30 a.m. The next meeting was announced for 8:00 a.m. February 17 to continue with the University System.

Dennis A. Nathe

DENNIS NATHE, Chairman

DAILY ROLL CALL

EDUCATION SUB COMMITTEE

50th LEGISLATIVE SESSION -- 1987

Date 2-16-87

NAME	PRESENT	ABSENT	EXCUSED
Rep. Dennis Nathe, Chairman	✓		
Sen. Judy Jacobsen, Vice Ch.	✓		
Sen. Swede Hammond	✓		
Rep. Dennis Iverson	✓		
Sen. Greg Jergeson	✓		
Rep. Ray Peck	✓		

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UNIVERSITY SYSTEM

Information Packet

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SUBCOMMITTEE ACTION

Agency: University System - Six Units

Program: Instruction

Instruction	FY 1986 Actual	FISCAL 1988 Executive	FISCAL 1988 Current Level	FISCAL 1988 Difference	FISCAL 1989 Executive	FISCAL 1989 Current Level	FISCAL 1989 Difference
MSU	$25,187,572	$23,075,478	$23,267,982	($192,504)	$23,075,478	$23,337,572	($262,094)
UM	$18,894,842	$17,499,838	$17,297,059	$202,779	$17,499,838	$17,365,051	$134,787
EMC	$6,676,322	$6,152,031	$6,108,652	$43,379	$6,152,031	$6,180,416	($28,385)
NMC	$3,765,888	$4,041,362	$3,656,528	$384,834	$4,041,362	$3,700,171	$341,191
WMC	$1,790,395	$2,235,292	$2,072,146	$163,146	$2,235,292	$2,094,749	$140,543
MCMST	$4,301,281	$3,412,871	$3,548,995	($136,124)	$3,412,871	$3,642,083	($229,212)
Total Exp.	$60,616,310	$56,416,872	$55,951,362	$465,510	$56,416,872	$56,320,042	$96,830

ISSUES:

1. Enrollment - see Enrollment Information

2. Funding Level
   Executive - 94 percent Instruction
   Current Level - 91.7 percent Instruction

3. Formula Factors*: Salary

	Current Level	Executive
MSU/UM	$30,986	$29,980
EMC	$27,772	$26,706
NMC/WMC	$27,495	$26,487
MCMST	$29,996	$28,897

4. Formula Factors*: Instructional Support Rate per FYFTE

	FY 1988 Current Level		FY 1988 Executive	FY 1989 Current Level		FY 1989 Executive
MSU	$633.14	633.30	$584.18	$633.76	633.92	$584.18
UM	$467.69	494.68	$471.71	$468.15	495.16	$471.71
EMC	$381.79		$354.60	$382.16		$354.60
NMC	$466.97		$444.00	$467.42		$444.00
WMC	$531.70	531.69	$492.11	$532.22	532.21	$492.11
MCMST	$464.55	464.51	$398.76	$465.01	464.97	$398.76

*Factors not discounted

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SUBCOMMITTEE ACTION

Agency: University System - Six Units

Program: Support

Support	FY 1986 Actual	FISCAL 1988 Executive	FISCAL 1988 Current Level	FISCAL 1988 Difference	FISCAL 1989 Executive	FISCAL 1989 Current Level	FISCAL 1989 Difference
MSU	$13,585,047	$11,694,429	$12,365,879	($671,450)	$11,612,829	$12,303,666	([illegible],837)
UM	$10,014,[illegible]	$9,800,051	$10,362,790	($562,739)	$9,720,851	$10,307,012	([illegible],161)
EMC	$4,615,782	$4,044,030	$4,238,679	($194,649)	$3,991,230	$4,227,371	($[illegible],141)
NMC	$2,439,844	$2,122,236	$2,041,322	$80,914	$2,079,036	$2,018,472	$60,564
WMC	$1,383,313	$1,192,571	$1,153,167	$39,404	$1,150,571	$1,121,464	$29,107
MCMST	$2,777,[illegible]	$2,261,547	$2,435,630	($174,083)	$2,207,547	$2,439,887	($232,340)
Total Exp.	$34,815,968	$31,114,864	$32,597,467	($1,482,603)	$30,762,064	$32,417,872	($1,655,808)

ISSUES:

1. Enrollment - see Enrollment Information

2. Funding Level
   Executive - 90 percent
   Current Level - 91.7 percent

3. Support rate:

	Current Level	Executive
MSU/UM	$1,396	$1,378
EMC/NMC/WMC	$1,387	$1,369
MCMST	$1,650	$1,629

4. High headcount adjustment
   Current level uses FY 1986 FYFTE and FY 1986 enrollment
   Executive uses FY 1987 fall FTE and FY 1987 fall enrollment

	Current Level	Executive
MSU	1	1
UM	2	2
EMC	4	4
NMC	0	0
WMC	2	3
MCMST	3	3

5. Law and pharmacy special fee revenue - UM
   Executive includes $175,000 per year for expenditure authority
   as an offset to inclusion of those fees in unrestricted revenue

6. Audit costs
   Both Executive and Current level include a total of $352,800 for the six units
   Language in HB500 required the units to fund twenty-five percent (fifty percent for UM and MSU)
   from funds other than those appropriated ($128,400)

7. Vacancy savings
   Executive applies 4 percent ($886,150)

SUBCOMMITTEE ACTION

Agency: University System - Six Units

Program: Public Service

Public Service	FY 1986 Actual	FISCAL 1988 Executive	FISCAL 1988 Current Level	FISCAL 1988 Difference	FISCAL 1989 Executive	FISCAL 1989 Current Level	FISCAL 1989 Difference
MSU	$10,067	$10,048	$10,258	($210)	$10,048	$10,258	($210)
UM	$211,283	$189,450	$206,020	($16,570)	$189,462	$206,013	($16,551)
EMC	$224,803	$204,755	$231,435	($26,680)	$204,849	$231,447	($26,598)
NMC	$9,082	$8,575	$9,373	($798)	$8,575	$9,373	($798)
WMC	$0	$0	$0	$0	$0	$0	$0
MCMST	$0	$0	$0	$0	$0	$0	$0
Total Exp.	$455,205	$412,828	$457,086	($44,258)	$412,934	$457,091	($44,157)

ISSUES:

1. Adjustments to base - amount of expenditure over appropriation

	Current Level
MSU	$0
UM	($11,054)
EMC	$0
NMC	$0
WMC	$0
MCMST	$0

2. Vacancy Savings
   Executive applied 4 percent - $13,977

SUBCOMMITTEE ACTION

Agency: University System - Six Units

Program: Research

Research	FY 1986 Actual	FISCAL 1988 Executive	FISCAL 1988 Current Level	FISCAL 1988 Difference	FISCAL 1989 Executive	FISCAL 1989 Current Level	FISCAL 1989 Difference
MSU	$578,210	$530,616	$597,925	($67,309)	$530,616	$597,925	($67,309)
UM	$631,404	$592,758	$518,179	$74,579	$594,436	$519,459	$74,977
EMC	$0	$0	$0	$0	$0	$0	$0
NMC	$0	$0	$0	$0	$0	$0	$0
WMC	$0	$0	$0	$0	$0	$0	$0
MCMST	$49,885	$37,426	$43,718	($6,292)	$37,555	$43,747	($6,192)
Total Exp.	$1,259,499	$1,160,800	$1,159,822	$978	$1,162,607	$1,161,131	$1,476

ISSUES:

1. Adjustments to base - reduction by amount of expenditure over appropriation

	Current level
MSU	$0
UM	$116,064
EMC	$0
NMC	$0
WMC	$0
MCMST	$7,561

2. MONTCLIRC - included in research appropriation for UM
   User fees deposited in designated fund

	Each year of 1989 Biennium Current Level	Executive	FY 1986	OP Plan FY 1987
Appropriation	$72,925	$75,000	$87,550	$72,925
Genl Fund Exp			$82,142	$72,925
User fee coll	$15,000	$25,000	$11,717	$10,000
User fee exp			$1,232	$16,165

3. Vacancy Savings
   Executive reduced - ($36,424)

SUBCOMMITTEE ACTION

Agency: University System - Six Units

Program: Plant

Plant	FY 1986 Actual	FISCAL 1988 Executive	FISCAL 1988 Current Level	FISCAL 1988 Difference	FISCAL 1989 Executive	FISCAL 1989 Current Level	FISCAL 1989 Difference
MSU	$4,852,855	$5,397,624	$4,804,913	$592,711	$5,596,708	$4,973,137	$623,571
UM	$5,099,031	$5,268,397	$5,273,489	($5,092)	$5,405,843	$5,410,778	($4,935)
EMC	$1,950,003	$2,023,125	$2,024,605	($1,480)	$2,042,192	$2,079,056	($36,864)
NMC	$1,081,530	$1,053,678	$944,384	$109,294	$1,079,017	$969,517	$109,500
WMC	$688,142	$683,431	$729,090	($45,659)	$692,777	$744,443	($51,666)
MCMST	$1,313,476	$1,352,882	$1,409,531	($56,649)	$1,385,978	$1,440,618	($54,640)
Total Exp.	$14,985,046	$15,779,137	$15,186,012	$593,125	$16,202,515	$15,617,549	$584,966

ISSUES:

1. Adjustments to base - expenditure above appropriation

	Current Level
UM	($10,920)
NMC	($175,677)
WMC	($12,368)
MCMST	($137,731)

2. Adjustments to base - Energy savings natural gas rate decrease

	Current Level	Executive
MSU	($259,000)	($100,000)

3. Adjustments to base - Additions
   Actions of 1985 Legislature for fiscal 1987

	Current Level	Executive
MSU	$238,414	$238,414
NMC	$25,370	
MCMST	$180,000	

3. Adjustments to base - Additions for sewer and insurance
   Executive increased per request
   Current level used applied inflation factors - these items receive no increase

4. Adjustments to base - Reductions
   Actions of 1985 Legislature for fiscal 1987

	Current Level
MSU	($229,535)

5. Vacancy Savings applied in executive budget
   Executive applies 4 percent ($209,441)
   Current level if applied to the four units with over 20 FTE ($182,603)

6. Hazardous Waste, ISSUE 4: Budget Analysis page F-88

SUBCOMMITTEE ACTION

Agency: University System - Six Units

Program: Scholarships & Fellowships

Scholar/Fellowships	FY 1986 Actual	FISCAL 1988 Executive	FISCAL 1988 Current Level	FISCAL 1988 Difference	FISCAL 1989 Executive	FISCAL 1989 Current Level	FISCAL 1989 Difference
MSU	$896,879	$1,023,359	$1,147,803	($124,444)	$1,023,359	$1,149,605	($126,246)
UM	$897,738	$981,835	$985,840	($4,005)	$981,835	$988,069	($6,234)
EMC	$312,805	$322,850	$356,466	($33,616)	$322,850	$359,988	($37,138)
NMC	$238,389	$264,188	$227,135	$37,053	$264,188	$229,449	$34,739
WMC	$75,067	$83,231	$82,683	$548	$83,231	$83,448	($217)
TECH	$294,068	$289,193	$205,447	$83,746	$289,193	$210,468	$78,725
Total Exp.	$2,715,016	$2,964,656	$3,005,374	($40,718)	$2,964,656	$3,021,027	($56,371)

ISSUES:

1. Enrollment - see Enrollment Information

2. Tuition rate - see Tuition Information

3. Mandatory Fee Waivers - see page F-82, budget analysis book
   Current level - FY 1986 mand. waivers times enrollment change times tuition change

4. Discretionary Fee Waivers
   Determined by multiplying 5.75 percent times anticipated registration and resident incidental fees and 18.45 percent times anticipated non-resident incidental fees

SUBCOMMITTEE ACTION

Agency: University System - Six Units

Program: Funding

Program	FY 1986 Actual	FISCAL 1988 Executive	FISCAL 1988 Current Level	FISCAL 1988 Difference	FISCAL 1989 Executive	FISCAL 1989 Current Level	FISCAL 1989 Difference
Instruction	$60,616,310	$56,416,872	$55,951,362	$465,510	$56,416,872	$56,320,042	$[illegible]
Support	$34,815,[illegible]	$31,114,864	$32,597,467	($1,482,603)	$30,762,064	$32,417,872	($1,[illegible])
Research	$1,259,[illegible]	$1,160,800	$1,159,822	$978	$1,162,607	$1,161,131	$1,476
Public Service	$455,205	$412,828	$457,086	($44,258)	$412,934	$457,091	($44,157)
Plant	$14,985,046	$15,779,137	$15,186,012	$593,125	$16,202,515	$15,617,549	$584,966
Fellow/Scholarships	$2,715,016	$2,964,656	$3,005,374	($40,718)	$2,964,656	$3,021,027	($56,371)
Total Exp.	$114,847,044	$107,849,157	$108,357,123	($507,966)	$107,921,648	$108,994,712	($1,073,064)
FUNDING							
General Fund	$73,168,435	$68,975,061	$67,354,191	$1,620,870	$68,861,478	$67,663,929	$1,197,549
Tuition and Fees	$24,308,293	$25,313,526	$27,022,752	($1,709,226)	$25,313,526	$27,158,894	($1,845,368)
Six-mill Levy	$14,384,000	$12,924,000	$11,468,180	$1,455,820	$13,125,000	$11,659,889	$1,465,111
Indirect Cost Rec.	$1,804,122	$0	$1,992,000	($1,992,000)	$0	$1,992,000	($1,992,000)
Other	$522,124	$636,570	$520,000	$116,570	$621,644	$520,000	$101,644
Spenddown Fund Balan	$660,070	$0	$0	$0	$0	$0	$0
Total Funding	$114,847,044	$107,849,157	$108,357,123	($507,966)	$107,921,648	$108,994,712	($1,073,064)

ISSUES:

1. Tuition and Fees: see ISSUE 3, budget analysis, page F-88, Table 12
   Executive - $720 annual incidental fee
   Current level - $792 annual incidental fee (surcharge retained)

2. Six-mill Levy
   Estimates differ

3. Indirect Cost Recoveries
   HB500 specifies 85 percent of indirect cost recoveries to be deposited in current unrestricted fund
   Special Session III allowed units to retain amounts exceeding the HB500 appropriated level
   Executive - eliminates all indirect cost recovery, both federal and non-federal
   Current Level - utilizes FY 1986 information plus additional amounts discussed in Special Session III
   less approx. $190,000 for reduction in ICR for TECH from Bureau of Mines

4. Other Sources
   Current level - utilizes FY 1986 information

UNIVERSITY SYSTEM - Enrollment Information

02/12/87

Actual Enrollment

UNIT	FY 84-86 3-yr ave	FYFTE FY 1986	FYFTE FY 1987*	Fall FTE FY 1986	Fall FTE FY 1987	Fall FTE % change	Winter Qrtr/Spring Sem FTE FY 1986	Winter Qrtr/Spring Sem FTE FY 1987	Winter Qrtr/Spring Sem FTE % change
MT State Univ	10,406	10,097	9,617	10,059	9,571	-4.9%	9,862	9,428	-4.4%
University of MT	8,224	8,144	8,034	7,996	7,850	-1.8%	7,876	7,739	-1.7%
Eastern MT College	3,455	3,442	3,192	3,266	3,097	-5.2%	3,230	3,084	-4.5%
Northern MT Coll	1,715	1,693	1,717	1,512	1,528	1.1%	1,555	1,515	-2.6%
Western MT College	872	854	928	775	868	12.0%	766	792	3.4%
School of Mines	1,876	1,659	1,572	1,639	1,536	-6.3%	1,548	1,488	-3.9%
Total	26,549	25,889	25,060	25,247	24,450	-3.2%	24,837	24,046	-3.2%

Enrollment Projections

UNIT	Fiscal 1988 Executive	Fiscal 1988 Current Level	Fiscal 1988 New Projection**	Fiscal 1989 Executive	Fiscal 1989 Current Level	Fiscal 1989 New Projection**
MT State Univ	9,573	9,550	9,403	9,573	9,565	9,248
University of MT	7,983	7,961	7,996	7,983	7,979	8,008
Eastern MT College	3,276	3,239	3,199	3,276	3,271	3,198
Northern MT Coll	1,736	1,571	1,702	1,736	1,587	1,730
Western MT College	947	865	916	947	873	905
School of Mines	1,527	1,555	1,484	1,527	1,593	1,356
	25,042	24,741	24,700	25,042	24,868	24,445

*Actual fall headcount times FY86
ratio of fall headcount to FYFTE
NMC and MCMST actual

**Fall 1987 enrollment factors
applied to enrollment projection model

Table 11. Percentage Distribution of Students, by Campus, by Age Range Montana University System, Fall 1986

Age	EMC	NMC	WMC	MCMST	MSU	UM	TOTAL
10 or less	0.2		0.3	0.1			0.1
11-15							
16-20	25.3	26.7	31.3	29.0	32.0	26.6	28.7
21-25	31.1	28.6	31.0	33.4	42.5	37.0	37.2
25 or less	57.8	55.3	62.6	62.4	74.4	63.6	66.0
26-30	15.6	13.9	10.1	14.8	12.7	15.5	14.1
31-35	11.6	12.6	10.2	9.0	7.1	9.7	9.2
36-40	7.6	7.9	6.8	6.2	3.2	6.3	5.5
41-45	4.2	5.2	3.9	1.5	1.4	2.7	2.7
46-50	2.5	2.5	3.4	1.5	0.6	1.4	1.6
51-55	0.8	1.0	0.7	0.8	0.2	0.4	0.5
56-60	0.3	0.6	0.9	0.6	0.1	0.2	0.3
61-65	0.2	0.3	0.5		0.1	0.1	0.2
66-70		0.1		0.2		0.1	0.1
71-75		0.2	0.1	0.4			0.1
76-80				0.1			
81-85				0.1			
26 & over	41.8	44.2	36.6	36.8	25.4	36.4	33.8
Sub-total	99.6	99.5	99.1	99.2	99.8	100.0	99.8
Missing	0.4	0.5.	0.9	0.8	0.2		0.2
Total 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average age	26.8	27.3	26.5	26.2	23.8	25.6	25.2

From Table 11 one can see that 66% of the students are 25 or less years of age while 34% are 26 years of age or older.

MONTANA UNIVERSITY SYSTEM
FISCAL YEAR 1986
(Academic Year 1985-86)

FACULTY SALARY SURVEY - PEER INSTITUTIONS

Montana State/Univ of Montana Peer Institutions	AVG SALARY ALL RANKS	TOTAL No. FACULTY
University of Wyoming	35,900	546
Univ of Nevada - Reno	34,000	307
Univ of Nevada-Las Vegas	33,500	327
University of Idaho	32,400	354
Utah State University	31,900	494
U of New Mexico - Albequerque	31,600	737
Northern Arizona University	31,600	471
New Mexico State U - LasCruces	31,500	554
University of North Dakota	29,800	429
North Dakota State University	28,800	452
University of South Dakota	28,400	271
South Dakota State University	27,000	332
Idaho State University	26,500	345
WEIGHTED PEER AVERAGE	$31,225	5,619
Montana State Univ	29,600	532
U of Montana	29,000	375
MONTANA AVERAGE	$29,352	907
Montana as % of Peers	94.0%	

Northern Montana/Western Montana Peer Institutions	AVG SALARY ALL RANKS	TOTAL No. FACULTY
Valley City State, ND	27,100	51
Mayville State, ND	27,100	30
Southern Utah State	26,900	100
Chadron State, NE	26,600	82
Western New Mexico University	26,500	59
Wayne State, NE	25,800	88
Dickinson State, ND	25,700	66
Dakota State, SD	25,300	50
Lewis & Clark State, ID	25,000	56
Black Hills State, SD	24,700	93
Peru State, NE	23,900	48
WEIGHTED PEER AVERAGE	$26,038	693
Northern Mt College	24,600	90
Western Mt College	23,900	35
MONTANA AVERAGE	$24,404	125
Montana as % of Peers	93.7%	

Eastern Montana College Peer Institutions	AVG SALARY ALL RANKS	TOTAL No. FACULTY
Boise State University	29,300	306
Adams St College, CO	28,600	68
Eastern New Mexico University	27,500	149
Western State College, CO	26,600	94
Minot State College, ND	26,600	120
Northern St. College, SD	25,500	104
Kearney St. College, NE	25,400	263
WEIGHTED PEER AVERAGE	$27,204	1,104
Eastern Montana College	$25,600	147
Montana as % of Peers	94.1%	

Montana Tech Peer Institutions	AVG SALARY ALL RANKS	TOTAL No. FACULTY
Colorado Sch of Mines	36,700	187
New Mex Inst Mining/Tech	29,000	88
WEIGHTED PEER AVERAGE	$34,236	275
Montana Tech	$29,900	93
Montana as % of Peers	87.3%	

Source: FY86 AAUP Survey
ACADEME, March/April 1986

MONTANA UNIVERSITY SYSTEM
FACULTY SALARY SURVEY - PEER INSTITUTIONS - FY 1986
FORMULA SALARY COMPARISON

Montana State/Univ of Montana Peer Institutions	AVG SALARY ALL RANKS
WEIGHTED PEER AVERAGE	$31,225
FY 1986 FORMULA SALARY	$29,909
Percent difference	4.4%

Northern Montana/Western Montana Peer Institutions	AVG SALARY ALL RANKS
WEIGHTED PEER AVERAGE	$26,038
FY 1986 FORMULA SALARY	$26,540
Percent difference	-1.9%

Eastern Montana College Peer Institutions	AVG SALARY ALL RANKS
WEIGHTED PEER AVERAGE	$27,204
FY 1986 FORMULA SALARY	$26,756
Percent difference	1.7%

Montana Tech Peer Institutions	AVG SALARY ALL RANKS
WEIGHTED PEER AVERAGE	$33,300
FY 1986 FORMULA SALARY	$28,954
Percent difference	15.0%

MONTANA UNIVERSITY SYSTEM
FISCAL YEAR 1986
(Academic Year 1985-86)

TUITION AND FEES SURVEY - PEER INSTITUTIONS

Montana State/Univ of Montana Peer Institutions	UNDERGRADUATE TUITION AND FEES Resident	Non-resident
University of Wyoming	721	2,231
Univ of Nevada - Reno	1,080	3,280
Univ of Nevada-Las Vegas	1,080	3,280
University of Idaho	1,010	3,010
Utah State University	1,071	3,051
U of New Mexico - Albequerque	896	3,056
Northern Arizona University	990	3,244
New Mexico State U - LasCruces	919	3,067
University of North Dakota	1,167	2,160
North Dakota State University	1,095	2,088
University of South Dakota		
South Dakota State University		
Idaho State University	1,040	2,940
PEER AVERAGE	$1,006	$2,855
Montana State Univ	1,113	2,877
U of Montana	1,059	2,823
MONTANA AVERAGE	$1,086	$2,850
Montana as % of Peers	107.9%	99.8%

Northern Montana/Western Montana Peer Institutions	UNDERGRADUATE TUITION AND FEES Resident	Non-resident
Valley City State, ND	1,038	1,926
Mayville State, ND	1,023	1,911
Southern Utah State	922	2,467
Chadron State, NE		
Western New Mexico University	600	2,155
Wayne State, NE		
Dickinson State, ND	1,053	1,941
Dakota State, SD		
Lewis & Clark State, ID	1,008	2,908
Black Hills State, SD		
Peru State, NE		
WEIGHTED PEER AVERAGE	$941	$2,218
Northern Mt College	849	2,253
Western Mt College	907	2,311
MONTANA AVERAGE	$924	$2,265
Montana as % of Peers	98.2%	102.1%

Eastern Montana College Peer Institutions	UNDERGRADUATE TUITION AND FEES Resident	Non-resident
Boise State University	1,058	2,958
Adams St College, CO	1,106	2,750
Eastern New Mexico University	786	2,490
Western State College, CO	1,151	3,265
Minot State College, ND	1,008	1,896
Northern St. College, SD		
Kearney St. College, NE		
WEIGHTED PEER AVERAGE	$1,022	$2,672
Eastern Montana College	$981	$2,385
Montana as % of Peers	96.0%	89.3%

Montana Tech Peer Institutions	UNDERGRADUATE TUITION AND FEES Resident	Non-resident
Colorado Sch of Mines	2,880	7,682
South Dakota Sch Mines		
New Mex Inst Mining/Tech	816	2,967
WEIGHTED PEER AVERAGE	$1,848	$5,325
Montana Tech	$916	$2,680
Montana as % of Peers	49.6%	50.3%

Source: Tuition and Fees in Public Higher Education in the West 1985-86
WICHE, March 1986

Residency for Fee Purposes, Montana University System

Table 15 portrays the percent of students for Fall 1986 within the Montana University System who are classified as residents for fee purposes.

Table 15. Distribution of Students by Fee Status within the Montana University System, Fall 1986

Institution	Resident	Non-resident
University of Montana	85.3	14.7
Montana State University	87.9	12.1
Montana Tech	84.4	15.6
Eastern Montana College	96.9	3.1
Western Montana College	92.2	7.8
Northern Montana College	97.5	2.5
Montana University System	88.9	11.1

The figures in Table 15 represent students who have been reclassified from non-resident to resident status as well as students whose address at the time of initial application was in Montana but who were determined to be properly classified as non-residents. They also reflect students whose address upon application was outside Montana but who were determined to be properly classified as Montana residents. In addition, these totals reflect some students whose initial residency was in a foreign country but who have been granted permanent visas and thus had their residency changed.

UNIVERSITY SYSTEM

	99% funding for INST, 97% for SUPPORT			91.7 funding for INSTRUCTION & SUPPORT			
	--HB500--		87 biennium	--CURRENT LEVEL--		89 biennium	%CHANGE FISCAL
UNIT	FISCAL 1986	FISCAL 1987	TOTAL	FISCAL 1988	FISCAL 1989	TOTAL	87 bie to 89 bie
MSU	$45,362,531	$45,453,557	$90,816,088	$42,194,760	$42,372,163	$84,566,923	-6.9%
UM	35,995,785	$36,572,777	$72,568,562	$34,643,377	$34,796,382	$69,439,759	-4.3%
EMC	13,829,013	$14,015,260	$27,844,273	$12,959,837	$13,078,278	$26,038,115	-6.5%
NMC	7,609,232	$7,746,004	$15,355,236	$6,878,742	$6,926,982	$13,805,724	-10.1%
WMC	3,968,947	$4,048,284	$8,017,231	$4,037,086	$4,044,104	$8,081,190	0.8%
MCMST	8,850,268	$8,790,036	$17,640,304	$7,643,321	$7,776,803	$15,420,124	-12.6%
SYSTEM TOTAL	$115,615,776	$116,625,918	$232,241,694	$108,357,123	$108,994,712	$217,351,835	-6.4%

UNIVERSITY SYSTEM - FY87 CHANGES

UNIT	APPROPRIATED FISCAL 1987	PAY PLAN FISCAL 1987	5% REDUCTION FISCAL 1987	FISCAL 1987 WITH REDUCTIONS	ADDED TUITION($2)	FY87	OTHER CHANGES	TOTAL AVAILABLE FY87	OPER PLANS BRD OF REGENTS	DIFFERENCE
MSU	$45,453,557	$563,070	$1,382,177	$44,635,258		$44,635,258	$0	$44,635,258	$44,635,258	$0
UM	36,572,777	$421,630	$1,115,871	$35,878,536	$400,000	$36,278,536	($266,241)	$36,012,295	$36,012,295	$0
EMC	14,015,260	$160,670	$440,684	$13,735,246	$242,500	$13,977,746	$0	$13,977,746	$13,977,746	$0
NMC	7,746,004	$88,010	$267,500	$7,566,514	$134,600	$7,701,114	$0	$7,701,114	$7,701,114	$0
WMC	4,048,284	$50,145	$137,851	$3,960,578	$65,000	$4,025,578	$0	$4,025,578	$4,037,473	($11,895)
MCMST	8,790,037	$102,337	$134,440	$8,757,934		$8,757,934	$37,792	$8,795,726	$8,804,697	($8,971)
TOTALS	$116,625,919	$1,386,670	$3,478,523	$114,534,066	$842,100	$115,376,166	($228,449)	$115,147,717	$115,168,583	($20,866)

UM: DROP MBA
TECH: BIENN PHASEDOWN

WMC: DIFF IS AUDIT CARRYOVER
TECH: DIFF IS AUDIT CARRYOVER

APPROPRIATED PAY PLAN	PAY PLAN DECREASE
$1,741,000	$1,177,122
$1,310,000	$888,370
$499,000	$338,330
$276,000	$187,990
$156,000	$105,855
$314,000	$211,663
$4,296,000	$2,909,330

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

PRELIMINARY CALCULATIONS: 91.7% INSTRUCTION & SUPPORT, FEB 1987 NEW enrollment projections,
base repaired PLANT,SUPT,RES expenditure base not exceeding 86 appropriation,
MONTCLIRC included FY 1986 formula salary inc to peers for 4 units, then inflated to 1987

-Fiscal 1988-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$23,677,444	$17,986,469	$6,127,125	$3,961,433	$2,194,319	$3,800,498	$57,747,288
Support	12,097,748	10,332,886	4,135,436	2,164,738	1,176,681	2,277,018	32,184,507
Research	597,925	518,179	0	0	0	43,718	1,159,822
Public Service	10,258	206,020	231,435	9,373	0	0	457,086
Physical Plant	4,804,913	5,273,489	2,024,605	944,384	729,090	1,409,531	15,186,012
Scholar. & Fellowships	1,147,803	985,840	356,466	227,135	82,683	205,447	3,005,374
Audit	81,600	79,200	52,800	43,200	42,000	54,000	352,800
CURRENT LEVEL FY88	$42,417,691	$35,382,083	$12,927,867	$7,350,263	$4,224,773	$7,790,212	$110,092,889
HB500 FY86	$45,110,620	$38,748,831	$13,779,825	$7,534,412	$3,936,907	$8,736,399	117,846,994
OVER/(UNDER)FY86 LEVEL	($2,692,929)	($3,366,748)	($851,958)	($184,149)	$287,866	($946,187)	($7,754,105)

-Fiscal 1989-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$23,320,265	$18,043,577	$6,136,558	$4,033,583	$2,171,533	$3,478,833	$57,184,349
Support	11,898,420	10,348,572	4,134,280	2,200,351	1,162,571	2,080,673	31,824,867
Research	597,925	519,459	0	0	0	43,747	1,161,131
Public Service	10,258	206,013	231,447	9,373	0	0	457,091
Physical Plant	4,973,137	5,410,778	2,079,056	969,517	744,443	1,440,618	15,617,549
Scholar. & Fellowships	$1,149,605	$988,069	$359,988	$229,449	$83,448	$210,468	3,021,027
Audit							
CURRENT LEVEL FY89	$41,949,610	$35,516,468	$12,941,329	$7,442,273	$4,161,995	$7,254,339	$109,266,014
HB500 FY87	$45,110,620	$38,748,831	$13,779,825	$7,534,412	$3,936,907	$8,736,399	$117,846,994
OVER/(UNDER)FY87 LEVEL	($3,161,010)	($3,232,363)	($838,496)	($92,139)	$225,088	($1,482,060)	($8,580,980)

PRELIMINARY CALCULATIONS: 99% INSTRUCT, 97% SUPPORT, FEB 1987 NEW enrollment projections,
base repaired PLANT,SUPT,RES expenditure base not exceeding 86 appropriation,
MONTCLIRC included FY 1986 formula salary inc to peers for 4 units, then inflated to 1987

-Fiscal 1988-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$25,562,344	$19,418,326	$6,614,889	$4,276,792	$2,369,003	$4,103,046	$62,344,400
Support	12,796,963	10,930,098	4,374,453	2,289,854	1,244,690	2,408,623	34,044,681
Research	597,925	518,179	0	0	0	43,718	1,159,822
Public Service	10,258	206,020	231,435	9,373	0	0	457,086
Physical Plant	4,804,913	5,273,489	2,024,605	944,384	729,090	1,409,531	15,186,012
Scholar. & Fellowships	1,147,803	985,840	356,466	227,135	82,683	205,447	3,005,374
Audit	81,600	79,200	52,800	43,200	42,000	54,000	352,800
CURRENT LEVEL FY88	$45,001,806	$37,411,152	$13,654,648	$7,790,738	$4,467,466	$8,224,365	$116,550,175
HB500 FY86	$45,110,620	$38,748,831	$13,779,825	$7,534,412	$3,936,907	$8,736,399	117,846,994
OVER/(UNDER)FY86 LEVEL	($108,814)	($1,337,679)	($125,177)	$256,326	$530,559	($512,034)	($1,296,819)

-Fiscal 1989-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$25,176,731	$19,479,979	$6,625,074	$4,354,686	$2,344,403	$3,755,774	$61,736,647
Support	12,586,115	10,946,690	4,373,230	2,327,525	1,229,765	2,200,930	33,664,255
Research	597,925	519,459	0	0	0	43,747	1,161,131
Public Service	10,258	206,013	231,447	9,373	0	0	457,091
Physical Plant	4,973,137	5,410,778	2,079,056	969,517	744,443	1,440,618	15,617,549
Scholar. & Fellowships	$1,149,605	$988,069	$359,988	$229,449	$83,448	$210,468	3,021,027
Audit							
CURRENT LEVEL FY89	$44,493,771	$37,550,988	$13,668,795	$7,890,550	$4,402,059	$7,651,537	$115,657,700
HB500 FY87	$45,110,620	$38,748,831	$13,779,825	$7,534,412	$3,936,907	$8,736,399	$117,846,994
OVER/(UNDER)FY87 LEVEL	($616,849)	($1,197,843)	($111,030)	$356,138	$465,152	($1,084,862)	($2,189,294)

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

PRELIMINARY CALCULATIONS: 91.7% INSTRUCTION & SUPPORT, FEB 1987 new enrollment projections,
base adjusted PLANT,SUPT,RES expenditure base not exceeding 86 appropriation,
MONTCLIRC included FY1986 Peer Salary inflated to FY1987

-Fiscal 1988-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$23,677,444	$17,986,469	$6,127,125	$3,900,291	$2,161,264	$3,800,498	$57,653,091
Support	12,097,748	10,332,886	4,135,436	2,164,738	1,176,461	2,277,018	32,184,287
Research	597,925	518,179	0	0	0	43,718	1,159,822
Public Service	10,258	206,020	231,435	9,373	0	0	457,086
Physical Plant	4,804,913	5,273,489	2,024,605	944,384	729,090	1,409,531	15,186,012
Scholar. & Fellowships	1,147,803	985,840	356,466	227,135	82,683	205,447	3,005,374
Audit	81,600	79,200	52,800	43,200	42,000	54,000	352,800
CURRENT LEVEL FY88	$42,417,691	$35,382,083	$12,927,867	$7,289,121	$4,191,498	$7,790,212	$109,998,472
HB500 FY86	$45,362,531	$35,995,785	$13,829,013	$7,609,232	$3,968,947	$8,850,268	115,615,776
OVER/(UNDER)FY86 LEVEL	($2,944,840)	($613,702)	($901,146)	($320,111)	$222,551	($1,060,056)	($5,617,304)

-Fiscal 1989-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$23,320,265	$18,043,577	$6,136,558	$3,971,317	$2,138,815	$3,478,833	$57,089,365
Support	11,898,420	10,348,572	4,134,280	2,200,351	1,162,353	2,080,673	31,824,649
Research	597,925	519,459	0	0	0	43,747	1,161,131
Public Service	10,258	206,013	231,447	9,373	0	0	457,091
Physical Plant	4,973,137	5,410,778	2,079,056	969,517	744,443	1,440,618	15,617,549
Scholar. & Fellowships	$1,149,605	$988,069	$359,988	$229,449	$83,448	$210,468	3,021,027
Audit							
CURRENT LEVEL FY89	$41,949,610	$35,516,468	$12,941,329	$7,380,007	$4,129,059	$7,254,339	$109,170,812
HB500 FY87	$45,453,557	$36,572,777	$14,015,260	$7,746,004	$4,048,284	$8,790,036	$116,625,918
OVER/(UNDER)FY87 LEVEL	($3,503,947)	($1,056,309)	($1,073,931)	($365,997)	$80,775	($1,535,697)	($7,455,106)

PRELIMINARY CALCULATIONS: 99% INSTRUCT, 97% SUPPORT, FEB 1987 new enrollment projections,
base adjusted PLANT,SUPT,RES expenditure base not exceeding 86 appropriation,
MONTCLIRC included FY1986 Peer Salary inflated to FY1987

-Fiscal 1988-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$25,562,344	$19,418,326	$6,614,889	$4,210,783	$2,333,316	$4,103,046	$62,242,704
Support	12,796,963	10,930,098	4,374,453	2,289,854	1,244,457	2,408,623	34,044,448
Research	597,925	518,179	0	0	0	43,718	1,159,822
Public Service	10,258	206,020	231,435	9,373	0	0	457,086
Physical Plant	4,804,913	5,273,489	2,024,605	944,384	729,090	1,409,531	15,186,012
Scholar. & Fellowships	1,147,803	985,840	356,466	227,135	82,683	205,447	3,005,374
Audit	81,600	79,200	52,800	43,200	42,000	54,000	352,800
CURRENT LEVEL FY88	$45,001,806	$37,411,152	$13,654,648	$7,724,729	$4,431,546	$8,224,365	$116,448,246
HB500 FY86	$45,362,531	$35,995,785	$13,829,013	$7,609,232	$3,968,947	$8,850,268	115,615,776
OVER/(UNDER)FY86 LEVEL	($360,725)	$1,415,367	($174,365)	$115,497	$462,599	($625,903)	$832,470

-Fiscal 1989-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$25,176,731	$19,479,979	$6,625,074	$4,287,463	$2,309,080	$3,755,774	$61,634,101
Support	12,586,115	10,946,690	4,373,230	2,327,525	1,229,534	2,200,930	33,664,024
Research	597,925	519,459	0	0	0	43,747	1,161,131
Public Service	10,258	206,013	231,447	9,373	0	0	457,091
Physical Plant	4,973,137	5,410,778	2,079,056	969,517	744,443	1,440,618	15,617,549
Scholar. & Fellowships	$1,149,605	$988,069	$359,988	$229,449	$83,448	$210,468	3,021,027
Audit							
CURRENT LEVEL FY89	$44,493,771	$37,550,988	$13,668,795	$7,823,327	$4,366,505	$7,651,537	$115,554,923
HB500 FY87	$45,453,557	$36,572,777	$14,015,260	$7,746,004	$4,048,284	$8,790,036	$116,625,918
OVER/(UNDER)FY87 LEVEL	($959,786)	$978,211	($346,465)	$77,323	$318,221	($1,138,499)	($1,070,995)

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

PRELIMINARY CALCULATIONS: 91.7% INSTRUCTION & SUPPORT, 3-YR AVE enrollment,
base adjusted PLANT,SUPT,RES expenditure base not exceeding 86 appropriation,
MONTCLIRC included FY1986 Peer Salary inflated to FY1987

-Fiscal 1988-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$26,203,071	$18,499,340	$6,617,448	$3,930,082	$2,057,447	$4,804,404	$62,111,792
Support	13,388,191	10,627,521	4,466,374	2,181,272	1,119,950	2,878,494	34,661,802
Research	597,925	518,179	0	0	0	43,718	1,159,822
Public Service	10,258	206,020	231,435	9,373	0	0	457,086
Physical Plant	4,804,913	5,273,489	2,024,605	944,384	729,090	1,409,531	15,186,012
Scholar. & Fellowships	1,147,803	985,840	356,466	227,135	82,683	205,447	3,005,374
Audit	81,600	79,200	52,800	43,200	42,000	54,000	352,800
CURRENT LEVEL FY88	$46,233,761	$36,189,589	$13,749,128	$7,335,446	$4,031,170	$9,395,594	$116,934,688
HB500 FY86	$45,362,531	$35,995,785	$13,829,013	$7,609,232	$3,968,947	$8,850,268	115,615,776
OVER/(UNDER)FY86 LEVEL	$871,230	$193,804	($79,885)	($273,786)	$62,223	$545,326	$1,318,912

-Fiscal 1989-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$26,240,341	$18,530,267	$6,629,709	$3,936,883	$2,060,825	$4,812,899	$62,210,924
Support	13,388,296	10,627,704	4,466,522	2,181,272	1,119,969	2,878,571	34,662,334
Research	597,925	519,459	0	0	0	43,747	1,161,131
Public Service	10,258	206,013	231,447	9,373	0	0	457,091
Physical Plant	4,973,137	5,410,778	2,079,056	969,517	744,443	1,440,618	15,617,549
Scholar. & Fellowships	$1,149,605	$988,069	$359,988	$229,449	$83,448	$210,468	3,021,027
Audit							
CURRENT LEVEL FY89	$46,359,562	$36,282,290	$13,766,722	$7,326,494	$4,008,685	$9,386,303	$117,130,056
HB500 FY87	$45,453,557	$36,572,777	$14,015,260	$7,746,004	$4,048,284	$8,790,036	$116,625,918
OVER/(UNDER)FY87 LEVEL	$906,005	($290,487)	($248,538)	($419,510)	($39,599)	$596,267	$504,138

PRELIMINARY CALCULATIONS: 99% INSTRUC, 97% SUPPORT, 3-YR AVE enrollment,
base adjusted PLANT,SUPT,RES expenditure base not exceeding 86 appropriation,
MONTCLIRC included FY1986 Peer Salary inflated to FY1987

-Fiscal 1988-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$28,289,030	$19,972,025	$7,144,246	$4,242,945	$2,221,236	$5,186,870	$67,056,352
Support	14,161,991	11,241,762	4,724,518	2,307,344	1,184,679	3,044,863	36,665,157
Research	597,925	518,179	0	0	0	43,718	1,159,822
Public Service	10,258	206,020	231,435	9,373	0	0	457,086
Physical Plant	4,804,913	5,273,489	2,024,605	944,384	729,090	1,409,531	15,186,012
Scholar. & Fellowships	1,147,803	985,840	356,466	227,135	82,683	205,447	3,005,374
Audit	81,600	79,200	52,800	43,200	42,000	54,000	352,800
CURRENT LEVEL FY88	$49,093,520	$38,276,515	$14,534,070	$7,774,381	$4,259,688	$9,944,429	$123,882,603
HB500 FY86	$45,362,531	$35,995,785	$13,829,013	$7,609,232	$3,968,947	$8,850,268	115,615,776
OVER/(UNDER)FY86 LEVEL	$3,730,989	$2,280,730	$705,057	$165,149	$290,741	$1,094,161	$8,266,827

-Fiscal 1989-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$28,329,267	$20,005,413	$7,157,483	$4,250,288	$2,224,882	$5,196,041	$67,163,374
Support	14,162,101	11,241,955	4,724,674	2,307,344	1,184,700	3,044,944	36,665,718
Research	597,925	519,459	0	0	0	43,747	1,161,131
Public Service	10,258	206,013	231,447	9,373	0	0	457,091
Physical Plant	4,973,137	5,410,778	2,079,056	969,517	744,443	1,440,618	15,617,549
Scholar. & Fellowships	$1,149,605	$988,069	$359,988	$229,449	$83,448	$210,468	3,021,027
Audit							
CURRENT LEVEL FY89	$49,222,293	$38,371,687	$14,552,648	$7,765,971	$4,237,473	$9,935,818	$124,085,890
HB500 FY87	$45,453,557	$36,572,777	$14,015,260	$7,746,004	$4,048,284	$8,790,036	$116,625,918
OVER/(UNDER)FY87 LEVEL	$3,768,736	$1,798,910	$537,388	$19,967	$189,189	$1,145,782	$7,459,972

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

	WMC Program Modifications	1st Year Next Bienn	2nd Year Next Bienn
1.	Hazardous Waste 07	18020	18020
2.	Increase Maintenance 07	49450	53300
3.	Enrollment Projection 01	-48526	-30548
4.	(no decrease included for 44)		
5.	100% funding to peer ave 01	17821	17977
6.	(no incr included for 44)		
7.			
8.			
9.			
10.			
		36,765	58,749

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

	WCMST Program Modifications	1st Year Next Bienn	2nd Year Next Bienn	
1.	Hazardous Waste 07	55000	55000	(1 FTE)
2.	New Space 07 (added 4/82, not appropr)	22040	22040	(2.25 FTE
3.	New Space 07 (22,500 HPER)	67500	67500	for all
4.	Grounds Maint (New Space) 07	8000	8000	new space)
5.	Enrollment Projections 01	-425982	-390068	
6.	Enrollment Projections 44	-293479	-268474	
7.	100% funding to peer ave 01	31063	31063	
8.	100% funding to peer ave 44	191488	191488	
9.				
10.				
		(344,370)	(283,451)	

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

	EMC Program Modifications	1st Year Next Bienn	2nd Year Next Bienn
1.	Hazardous Waste 07	76000	6000
2.	Indirect Charges (revenue change to GF)	85000	85000
3.	100% funding to peer ave 44	304709	305321
4.	100% funding to peer ave 01	52339	52444
5.	Faculty Salary to peer ave 01	339487	332186
6.	Enrollment Mod 44	-19153	-9576
7.	Enrollment Mod 01	-28448	-14063
8.	Fire Insurance 44	4982	4982
9.	Mt Cent Hand Child 03	59418	71612
10.			
		874,334	833,906

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

	NMC Program Modifications	1st Year Next Bienn	2nd Year Next Bienn
1.	Hazardous Waste 07	11047	10872 (.5 FTE)
2.	100% funding to peer ave 01	31986	30992
3.	100% funding to peer ave 44	148339	44135
4.	Enrollment projection 01	-107761	-225303
5.	Enrollment projection 44	-56384	-117894
6.	Security Personnel 07	34000	34000
7.	Heating Specialist 07	25000	25000
8.	Enrollment projection 08	-6691	-14002
9.			
10.			
		79,536	(212,200)

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

	MSU Program Modifications	1st Year Next Bienn	2nd Year Next Bienn	
1.	Hazardous Waste 07	67,180.00	67,780.00	(1.75 FTE)
2.	New Space HPE 07	24,528.00	26,034.00	(.44 FTE, maint, util)
3.	New Space Museum 07	0.00	128,758.00	(2.59 FTE - 2nd yr, util, ma
4.	Workload Museum 04	220,980.00	220,980.00	(6 FTE, util, grounds)
5.	100% peer level 01	253,028.00	253,028.00	
6.	100% peer level 44	899,998.00	899,998.00	
7.	Enrollment to projection 01	(284,279.00)	(880,542.00)	
8.	Enrollment to projection 44	(147,697.00)	(457,345.00)	
9.				
10.				
		1,033,738.00	258,691.00	

MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

	UM Program Modifications	1st Year Next Bienn	2nd Year Next Bienn	
1.	Hazardous Waste 44	54,364.00	54,364.00	(operations)
2.	Hazardous Waste 07	39,364.00	39,364.00	(1.5 FTE)
3.	Insurance 07	27,196.00	27,196.00	
4.	New Space 07	103,311.00	107,862.00	(2.62 FTE).util,etc.
5.	Yellow Bay 02	112,600.00	112,600.00	(4.2 FTE, operations)
6.	Enrollment Projection 01	104,429.00	32,453.00	
7.	Enrollment Projection 44	58,575.00	18,224.00	
8.	Enrollment Projection 08	5,535.00	1,722.00	
9.	100% Peer Level 01	162,962.00	162,341.00	
10.	100% Peer Level 44	717,812.00	715,080.00	
11.	Salary Base Adjust - Peers 01	877,604.00	871,524.00	
12.	Indirect Cost 100% 07	400,000.00	400,000.00	
13.	Fire/Casual Insurance 08	27,196.00	27,196.00	
14.	MONTCLIRC	83,374.00	89,090.00	(2.54 and 2.7 FTE)
		2,774,322.00	2,659,016.00	

2-16

2

Montana Tech Peer Institution Funding Comparisons

- Montana Tech's designated peer institutions are funded at the following FY 86 levels for instruction and academic/institutional support*:

Colorado School of Mines	$6987	per FTE
New Mexico Tech	6236	
South Dakota School of Mines	4515	
average	**5913**	

- Montana Tech's per-student budget is already considerably lower than the peer average, and will drop precipitously under either the LFA or Executive Budgets.

Montana Tech FY 85/86	$3891
FY 86/87	3615
Proposed LFA Budget for FY 87/88	3161

- Peer level ($5913/FTE) funding of all of Tech's instructional programs would add $4.33 million to the institutional budget - from the Executive $7.35 million to $11.7 million.

- Peer level funding of just the engineering/technical components of Tech's programs would add $1.69 million to the budget - from the Executive $7.35 million to $9.04 million.

* Source: Federal Higher Education General Information Survey (HEGIS) institutional budget details

DLT:km
2/11/87

MINIMUM
[redacted] Phase-down Budgets REQUIRED TO MAINTAIN ACCREDIDATION OF PROGRAM AS PRESENTED TO THE ADMINISTRATION BY DIRECTOR AND DEAN.
Department of Architecture

	1987	1988	1989	1990	1991	1992
Contract Faculty	393,165	437,550*	374,846**	287,896**	180,416**	0
Classified	45,578	50,000*	51,600**	38,000**	37,260**	0
Hourly	0					0
Total Personnel	438,743	487,550	426,446	325,896	217,676	0
Operations	28,853	32,300	32,300	25,000	25,000	0
Capital	0	0	0	0	0	0
Total Budget	467,596	519,850	458,746	350,896	242,676	0
Annual Savings		(52,254)	8,850	116,700	224,920	467,596
EST. NO. OF STUDENTS		166	116	80	40	0
EST. STUDENT REVENUE LOSS		202,995	267,543	313,389	366,075	417,015
ADDED COST		255,249	258,693	196,889	141,155	(50,581)
TOTAL COST OF PHASE-DOWN						$851,786

* INCLUDES 5% SALARY INCREASES
** NO ADDITIONAL SALARY INCREASES INCLUDED.

New Enroll. Projections

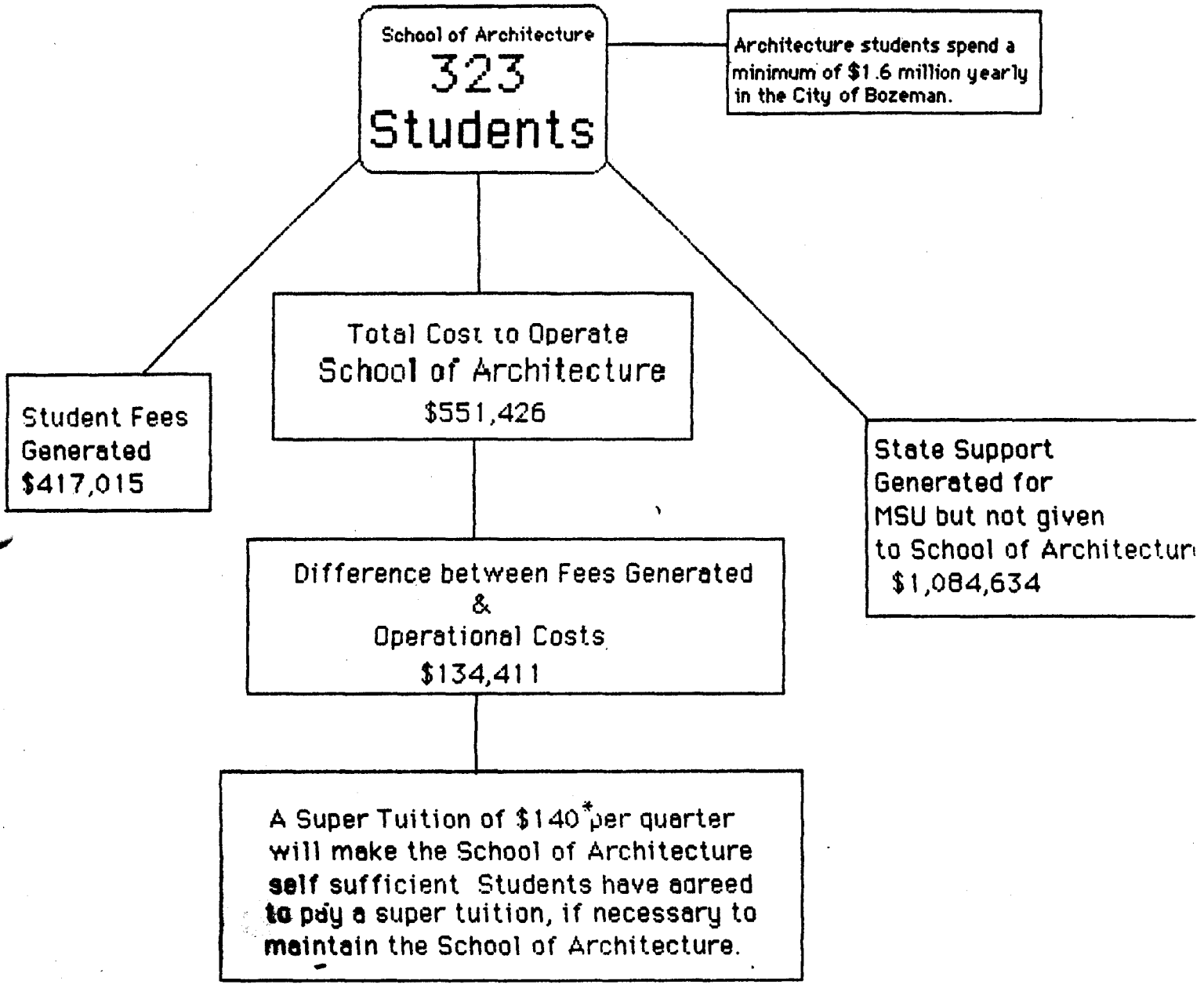
MONTANA UNIVERSITY SYSTEM APPROPRIATIONS SUMMARY--1989 BIENNIUM

15-Feb-87

PRELIMINARY CALCULATIONS: 91.7% INSTRUCTION AND SUPPORT, NEW FEB 87 enrollment projection.
PLANT,SUPT,RES expenditure base not exceeding 86 appropriation,
1987 salary base, FEB 87 adjust CCF

Fiscal 1988-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$22,911,205	$17,566,899	$6,033,213	$3,981,433	$2,194,311	$3,386,912	$55,053,970
Support	12,095,192	10,388,801	4,134,185	2,168,738	1,176,601	2,272,936	32,172,492
Research	597,725	518,179	0	0	0	43,718	1,159,822
Public Service	10,258	206,020	231,435	9,373	0	0	457,086
Physical Plant	4,804,913	5,273,489	2,024,605	944,384	729,090	1,409,531	15,186,012
Scholar. & Fellowships	1,147,803	985,840	356,466	227,135	82,683	205,447	3,005,374
Audit	81,600	79,200	52,800	43,200	42,000	54,000	352,800
CURRENT LEVEL FY88	$41,649,396	$34,958,427	$12,832,704	$7,350,263	$4,224,765	$7,373,492	$103,397,547
FY86 ACTUAL	$45,110,620	$38,748,831	$13,779,825	$7,534,412	$3,936,907	$8,736,399	117,846,994
OVER/(UNDER)FY86 LEVEL	($3,461,724)	($3,790,404)	($947,121)	($184,149)	$287,858	($1,363,907)	($9,459,447)

Fiscal 1989-	MSU	UM	EMC	NMC	WMC	MCMST	TOTAL
Instruction	$22,565,483	$17,622,376	$6,042,485	$4,033,583	$2,171,525	$3,100,179	$55,535,651
Support	11,895,902	10,344,473	4,133,037	2,200,351	1,162,571	2,074,891	31,813,215
Research	597,925	519,459	0	0	0	43,747	1,161,131
Public Service	10,258	206,013	231,447	9,373	0	0	457,091
Physical Plant	4,973,137	5,410,778	2,079,056	969,517	744,443	1,440,619	15,617,549
Scholar. & Fellowships	$1,149,605	$983,069	$359,998	$229,449	$83,448	$210,468	3,021,027
Audit							
CURRENT LEVEL FY89	$41,192,310	$35,091,189	$12,846,003	$7,442,273	$4,161,987	$6,871,903	$107,603,664
FY86 ACTUAL	$45,110,620	$38,748,831	$13,779,825	$7,534,412	$3,936,907	$8,736,399	$117,846,994
OVER/(UNDER)FY86 LEVEL	($3,918,310)	($3,657,643)	($933,822)	($92,139)	$225,080	($1,864,496)	($10,241,330)



*For resident students. Non-resident tuition would increase $434 per quarter for a total yearly tuition of $3885 or $1302 higher than present tuition costs. Resident tuition would increase $420 per year.

FACULTY
- COPY TO CARLENE, DENNIS, LORI & STEV

NAAB

NATIONAL ARCHITECTURAL ACCREDITING BOARD

1735 New York Avenue N.W. Washington D.C. 20006 (202) 783-2007

RECEIVED
FEB 12 1987
SCHOOL OF ARCHITECTURE

9 February 1987

Robert C. Utzinger, Director
School of Architecture
College of Arts and Architecture
Montana State University
Bozeman, MT 59717

Dear Bob:

William J. Tietz, President, Montana State University talked with me by telephone today. He notified the National Architectural Accrediting Board that the first-professional degree program in architecture at Montana State will be phased out effective this year.

The previously scheduled visit is therefore postponed. Upon receipt of an approved addendum to the Architectural Program Report (APR) which addresses the process of the phase-out a visit to accredit the program being phased out will be conducted this academic year.

The addendum to the APR must document to NAAB the curriculum, faculty and other program components which will demonstrate the program's accreditability during the period of phase out.

The NAAB will take action on the visiting team's report either at its June meeting or at its meeting in October. The Board's action to accredit the program, will be retroactive to 1 January 1987 regardless of which meeting the Board acts on the report.

If I can answer any questions about this action or procedures, please contact me.

Sincerely,

John M. Maudlin-Jeronimo, AIA
Executive Director

cc: Dr. William J. Tietz
Robert M. Lawrence, FAIA
Lee G. Copeland, FAIA
Edgar C. Beery, Jr., AIA
David Pugh, FAIA
Wilmot G. Gilland, AIA
Laura N. Cronenwett, AIA
Steve W. Panter

ESTIMATED COST FOR EACH FULL TIME EQUIVALENT STUDENT 1986-87

1.	Veterinary Science	$8,154
2.	WAMMI	7,304
3.	Chemical Engineering	5,818
4.	Nursing	4,877
5.	Native American Studies	4,467
6.	Plant Pathology	4,207
7.	Microbiology	3,716
8.	Plant and Soil Science	3,520
9.	Music	2,943
10.	Animal and Range Science	2,874
11.	Ag Education and Industrial Arts	2,831
12.	Physics	2,819
13.	Educational Services	2,708
14.	Chemistry	2,661
15.	Civil Engineering and Engineering Mech	2,560
16.	Electrical Engineering	2,397
17.	Mechanical Engineering	2,383
18.	Entomology	2,354
19.	Biology	2,224
	University Average	2,074
20.	Architecture	2,035
21.	Art	1,910
22.	Modern Languages	1,840
23.	Industrial Engineering	1,836
24.	Management	1,783
25.	English	1,724
26.	Film and Television	1,719
27.	Secondary Education	1,716
28.	P. E.	1,696
29.	Computer Science	1,615
30.	History and Philosophy	1,543
31.	Accounting	1,530
32.	Earth Science	1,526
33.	Home Economics	1,494
34.	Business Education	1,366
35.	Ag Econ and Economics	1,278
36.	Psychology	1,247
37.	Mathematics	1,237
38.	Speech Communication	1,149
39.	Sociology	1,077
40.	Military Science	941
41.	Political Science	928

Montana State University
Bozeman, Montana 59717

School of Architecture
College of Arts and Architecture

Telephone (406) 994-4255

February 13, 1987

TO: William Tietz, President
MSU

FM: Bob Utzinger, Director
School of Architecture

RU

RE: Increased tuition rate for students in the School of Architecture

The enclosed document calculates the increase in tuition required to make the program in Architecture academically self sufficient.

Our students have been surveyed as to their willingness to pay a higher tuition rate and 65% said yes, 10% maybe (depending upon the rate), 19% no, and 6% gave no response. 244 students responded to the survey which asked the questions: "Would you be willing to pay a higher tuition rate during the 3rd, 4th and 5th year of the architecture program or 3rd & 4th year of the interior design program"

Perhaps this information will be useful to you.

SCHOOL OF ARCHITECTURE - INCREASE IN TUITION RATE

The following statistics and calculations show the amount of student incidental and registration fees required to equal the costs of operations and faculty and staff salaries.

1. The 323 students in the School Autumn Quarter 1986 generate $1,501,649 in tuition and state support for MSU on a yearly basis. Of this total, $417,015 is generated by in-state and out-of-state incidental fees and $1,084,634 by State support.

In-state fees = $837 x 239	$ 200,043
Out-of-state fees = $2583 x 84	216,972
Total fees	$ 417,015
State support = 3,358 x 323	1,084,634
Total fees and state support	$1,501,649

The 1986-87 costs for the School are as follows:

Faculty & benefits 393,165 x 1.15123	$ 452,623
Classified & benefits 45,578 x 1.14112	52,010
Insurance	17,940
Operations	28,853
Total	$ 551,426

Difference between the cost of the School and fees:

1986-87 School costs	$ 551,426
1986-87 Student incidental and registration fees	~~471,015~~ was type $417,015
Maximum amount saved if School terminated	$ 134,411

2. Average enrollment for Autumn Quarter

1977-78	312	1982-83	381
1978-79	315	1983-84	347
1979-80	335	1984-85	358
1980-81	344	1985-86	333
1981-82	362	1986-87	323

Average over a 10 year period = 341

3. Average out-of-state students as a % of the total student body is 28%

4. Average number of students in third, fourth & fifth year

Year of curriculum	1982	1983	1984	1985	1986	Average
Third	63	64	49	38	46	52
Fourth	49	53	62	41	37	48
Fifth	48	44	50	56	50	50
Total	160	161	161	135	133	150

5.

1986-87 Student fees	Quarter	Year
In-state incidental and registration	$279	$ 837
Out-of-state incidental and registration	861	2583

6. In-state and out of state fees required to equal School of Architecture cost.

	1st & 2nd year	3rd, 4th & 5th
a) Average number of students	191	150
28% out-of-state	53	42
72% in-state	143	108

b) University fees for 1st and 2nd year

In-state (138 x $837) =	$115,506
Out-of-state (53 x $2583) =	136,899
	$252,405
School budget	551,426
fees for 1st and 2nd year	- 252,405
	$299,021

c) In-state fees required from 3rd, 4th & 5th year students
108 @ $1257 + 42 @ $3885 = $298,926

7. Summary
Total student fees required to entirely support School costs

	Present	New	Yearly Difference	Quarterly Difference
In-state 1st & 2nd year	$ 837	$ 837	$ 0	$ 0
In-state 3rd, 4th & 5th year	837	1257	420	140
Out-of-state 1st & 2nd year	$2583	$2583	$ 0	$ 0
Out-of-state 3rd, 4th & 5th year	2583	3885	1302	434

Presently, the School of Architecture ranks 20th out of 41 programs at MSU in cost per student. The School has not been a high cost program, but 75% of the students would be willing to pay a higher tuition to ensure that the program remain at Montana State University.

During these difficult times, the above is a better alternative than phasing out the program. The cost of the phase-out period will be $336,420. Savings from the termination of the program will not begin until 1991 and will be only $134,411 a year. It will not be until 1994 before any real net savings will occur. Hardly worth it.