

5.2 APPENDIX B - CALCULATED NEED BY DEPARTMENT

The following chart is the foundation for the space planning calculations for this master plan.

Utilizing the Divisions and Department codes supplied by Broome Community College, corresponding Department Numbers, Department Names were selected from the State University Construction Fund guidelines, ultimately leading to the Instructional Department Space Factors used in the space planning calculations for this master plan.

The space required for the BCC campus has been calculated by using the 2005-2006 curriculum, credit hours, daytime FTE's, and faculty in the SUNY Construction Fund space formulas. Column Z is calculated with a 25% increase in the square footage per station for General Classroom space, in an effort to better reflect the shift from tablet arm chairs (at 16 SF/ station) to tables and chairs (at 20-24 SF/ station) in the classroom environment.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z			
Div.	Dept.	Dept. No.	Dept. Name	Factor No.	General Use Factor	Space Type	LD	Faculty	Total Credit Hours	Fall 2006 Daytime SFTE	Full Time Faculty	Full Time Adjunct Faculty	Part Time Adjunct Faculty	Calculated General Instruction Space NSF (H x K)	Calculated Class Lab Space NSF (H x K)	Calculated Individual Study Space NSF (H x K)	Calculated Research/Support Space NSF (H x K)	Calculated Faculty Office Space NSF ((Lx160) + (Mx160) + ((N/3)x85))	Calculated General Use Space NSF ((Q+R+S) x F)	Calculated Student & Faculty Activity Space NSF (K x 10.5)	Calculated General Admin. Space NSF (K x 6)	Calculated Library Seating/Study Space NSF (K x 5.75)	Calculated Required PhysED Course Stations ((2*K)/16)	Calculated Maj/Min PhysED Course Stations ((J/K)*K)/16	Adjusted Calculated General Instruction Space NSF (H x K) x 1.25			
TEC	MAT	099	Liberal Arts/ Math/ Computer Science	47	5%	Gen. Instr. Space	10.00	0.00	8672.0	578.13				5,781.33												7,226.67		
TEC	MAT	099	Liberal Arts/ Math/ Computer Science	47	5%	Class Labs	6.00	0.00	8672.0	578.13					3,468.80													
TEC	MAT	099	Liberal Arts/ Math/ Computer Science	47	5%	Individual Study	2.00	0.00	8672.0	578.13						1,156.27												
TEC	MAT	099	Liberal Arts/ Math/ Computer Science	47	5%	Research/Support	0.00	0.00	8672.0	578.13							0.00											
TEC	MAT	099	Liberal Arts/ Math/ Computer Science	47	5%	Faculty Offices	0.00	160.00	8672.0		15	5	25						3,908.33									
TEC	MAT	099	Liberal Arts/ Math/ Computer Science	47	5%	Dept./ Campus			8672.0	578.13									253.23	6,070.40	3,468.80	3324.267	72.267	0.000				
BD	BU	016	Business (General)	1	5%	Gen. Instr. Space	5.32	0.00	7480.0	498.67				2,652.91													3,316.13	
BD	BU	016	Business (General)	1	5%	Class Labs	16.00	0.00	7480.0	498.67					7,978.67													
BD	BU	016	Business (General)	1	5%	Individual Study	0.00	0.00	7480.0	498.67						0.00												
BD	BU	016	Business (General)	1	5%	Research/Support	0.00	0.00	7480.0	498.67							0.00											
BD	BU	016	Business (General)	1	5%	Faculty Offices	0.00	160.00	7480.0		17	2	17						3,521.67									
BD	BU	016	Business (General)	1	5%	Dept./ Campus			7480.0	498.67																		
LAHS	HSS	128	History	11	5%	Gen. Instr. Space	10.00	0.00	7402.0	493.47				4,934.67					176.08	5,236.00	2,992.00	2867.333	62.333	0.000		6,168.33		
LAHS	HSS	128	History	11	5%	Class Labs	0.00	0.00	7402.0	493.47					0.00													
LAHS	HSS	128	History	11	5%	Individual Study	0.00	0.00	7402.0	493.47						0.00												
LAHS	HSS	128	History	11	5%	Research/Support	0.00	0.00	7402.0	493.47							0.00											
LAHS	HSS	128	History	11	5%	Faculty Offices	0.00	160.00	7402.0		11	0	27						2,525.00									
LAHS	HSS	128	History	11	5%	Dept./ Campus			7402.0	493.47										126.25	5,181.40	2,960.80	2837.433	61.683	0.000		5,845.00	
LAHS	ENG	101	English	11	5%	Gen. Instr. Space	10.00	0.00	7014.0	467.60				4,676.00														
LAHS	ENG	101	English	11	5%	Class Labs	0.00	0.00	7014.0	467.60					0.00													
LAHS	ENG	101	English	11	5%	Individual Study	0.00	0.00	7014.0	467.60						0.00												
LAHS	ENG	101	English	11	5%	Research/Support	0.00	0.00	7014.0	467.60							0.00											
LAHS	ENG	101	English	11	5%	Faculty Offices	0.00	160.00	7014.0		14	0	36						3,260.00									
LAHS	ENG	101	English	11	5%	Dept./ Campus			7014.0	467.60										163.00	4,909.80	2,805.60	2688.700	58.450	0.000			
LAHS	FPMA	114/169	Performing/Fine Arts	8	5%	Gen. Instr. Space	5.77	0.00	4212.0	280.80				1,620.22													2,025.27	
LAHS	FPMA	114/169	Performing/Fine Arts	8	5%	Class Labs	60.00	0.00	4212.0	280.80					16,848.00													
LAHS	FPMA	114/169	Performing/Fine Arts	8	5%	Individual Study	0.00	0.00	4212.0	280.80						0.00												
LAHS	FPMA	114/169	Performing/Fine Arts	8	5%	Research/Support	0.00	0.00	4212.0	280.80							0.00											
LAHS	FPMA	114/169	Performing/Fine Arts	8	5%	Faculty Offices	0.00	160.00	4212.0		6	3	41						2,601.67									
LAHS	FPMA	114/169	Performing/Fine Arts	8	5%	Dept./ Campus			4212.0	280.80										130.08	2,948.40	1,684.80	1614.600	35.100	0.000			
LAHS	PEH	075	Psychology	43	10%	Gen. Instr. Space	8.73	0.00	3454.0	230.27				2,010.23													2,512.79	
LAHS	PEH	075	Psychology	43	10%	Class Labs	6.89	0.00	3454.0	230.27					1,586.54													
LAHS	PEH	075	Psychology	43	10%	Individual Study	0.00	0.00	3454.0	230.27						0.00												
LAHS	PEH	075	Psychology	43	10%	Research/Support	0.00	0.00	3454.0	230.27							0.00											
LAHS	PEH	075	Psychology	43	10%	Faculty Offices	0.00	160.00	3454.0		6	1	21						1,715.00									
LAHS	PEH	075	Psychology	43	10%	Dept./ Campus			3454.0	230.27										171.50	2,417.80	1,381.60	1324.033	28.783	0.000			
LAHS	BIO	113	Biology	12	10%	Gen. Instr. Space	8.19	0.00	3379.0	225.27				1,844.93													2,306.17	
LAHS	BIO	113	Biology	12	10%	Class Labs	31.09	0.00	3379.0	225.27					7,003.54													
LAHS	BIO	113	Biology	12	10%	Individual Study	0.00	0.00	3379.0	225.27						0.00												
LAHS	BIO	113	Biology	12	10%	Research/Support	0.00	0.00	3379.0	225.27							0.00											
LAHS	BIO	113	Biology	12	10%	Faculty Offices	0.00	160.00	3379.0		7	2	4						1,553.33									
LAHS	BIO	113	Biology	12	10%	Dept./ Campus			3379.0	225.27										155.33	2,365.30	1,351.60	1295.283	28.158	0.000			
TEC	ES	028	Engineering Science	16	10%	Gen. Instr. Space	8.92	0.00	2411.0	160.73				1,433.74													1,792.18	
TEC	ES	028	Engineering Science	16	10%	Class Labs	15.13	0.00	2411.0	160.73					2,431.90													
TEC	ES	028	Engineering Science	16	10%	Individual Study	0.00	0.00	2411.0	160.73						0.00												
TEC	ES	028	Engineering Science	16	10%	Research/Support	0.00	0.00	2411.0	160.73							0.00											
TEC	ES	028	Engineering Science	16	10%	Faculty Offices	0.00	160.00	2411.0		10	1	9						2,015.00									
TEC	ES	028	Engineering Science	16	10%	Dept./ Campus			2411.0	160.73										201.50	1,687.70	964.40	924.217	20.092	0.000			
LAHS	FLS	051	Languages	29	10%	Gen. Instr. Space	8.26	0.00	2196.0	146.40				1,209.26													1,511.58	
LAHS	FLS	051	Languages	29	10%	Class Labs	9.60	0.00	2196.0	146.40					1,405.44													
LAHS	FLS	051	Languages	29	10%	Individual Study	0.00	0.00	2196.0	146.40						0.00												
LAHS	FLS	051	Languages	29	10%	Research/Support	0.00	0.00	2196.0	146.40							0.00											
LAHS	FLS	051	Languages	29	10%	Faculty Offices	0.00	160.00	2196.0		3	0	18						990.00									
LAHS	FLS	051	Languages	29	10%	Dept./ Campus			2196.0	146.40										99.00	1,537.20	878.40	841.800	18.300	0.000			
HS	RN	067	Nursing (On Campus)	38	15%	Gen. Instr. Space	6.52	0.00	1995.0	133.00				867.16													1,083.95	
HS	RN	067	Nursing (On Campus)	38	15%	Class Labs	14.72	0.00	1995.0	133.00					1,957.76													

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		
Div.	Dept.	Dept. No.	Dept. Name	Factor No.	General Use Factor	Space Type	LD	Faculty	Total Credit Hours	Fall 2006 Daytime SFTE	Full Time Faculty	Full Time Adjunct Faculty	Part Time Adjunct Faculty	Calculated General Instruction Space NSF (H x K)	Calculated Class Lab Space NSF (H x K)	Calculated Individual Study Space NSF (H x K)	Calculated Research/Support Space NSF (H x K)	Calculated Faculty Office Space NSF ((Lx160) + (Mx160) + ((N/3)x85))	Calculated General Use Space NSF ((Q+R+S) x F)	Calculated Student & Faculty Activity Space NSF (K x 10.5)	Calculated General Admin. Space NSF (K x 6)	Calculated Library Seating/Study Space NSF (K x 5.75)	Calculated Required PhysED Course Stations ((2*K)/16)	Calculated Maj/Min PhysED Course Stations ((J/K)*K)/16	Adjusted Calculated General Instruction Space NSF (H x K) x 1.25		
HS	RN	067	Nursing (On Campus)	38	15%	Individual Study	0.00	0.00	1995.0	133.00						0.00											
HS	RN	067	Nursing (On Campus)	38	15%	Research/Support	0.00	0.00	1995.0	133.00							0.00										
HS	RN	067	Nursing (On Campus)	38	15%	Faculty Offices	0.00	160.00	1995.0		10	4	8					2,466.67									
HS	RN	067	Nursing (On Campus)	38	15%	Dept./ Campus			1995.0	133.00									370.00	1,396.50	798.00	764.750	16.625	0.000			
TEC	CS	173	Computer Science	19	5%	Gen. Instr. Space	9.48	0.00	1987.0	132.47				1,255.78												1,569.73	
TEC	CS	173	Computer Science	19	5%	Class Labs	3.69	0.00	1987.0	132.47					488.80												
TEC	CS	173	Computer Science	19	5%	Individual Study	9.90	0.00	1987.0	132.47						1,311.42											
TEC	CS	173	Computer Science	19	5%	Research/Support	0.00	0.00	1987.0	132.47							0.00										
TEC	CS	173	Computer Science	19	5%	Faculty Offices	0.00	160.00	1987.0		9	4	2					2,136.67									
TEC	CS	173	Computer Science	19	5%	Dept./ Campus			1987.0	132.47									172.40	1,390.90	794.80	761.683	16.558	0.000			
TEC	CH	102	Chemistry	15	10%	Gen. Instr. Space	8.26	0.00	1358.0	90.53				747.81												934.76	
TEC	CH	102	Chemistry	15	10%	Class Labs	35.59	0.00	1358.0	90.53					3,222.08												
TEC	CH	102	Chemistry	15	10%	Individual Study	0.00	0.00	1358.0	90.53						0.00											
TEC	CH	102	Chemistry	15	10%	Research/Support	0.00	0.00	1358.0	90.53							0.00										
TEC	CH	102	Chemistry	15	10%	Faculty Offices	0.00	160.00	1358.0		5	0	4					913.33									
TEC	CH	102	Chemistry	15	10%	Dept./ Campus			1358.0	90.53									91.33	950.60	543.20	520.567	11.317	0.000			
LAHS	CJFS	024/133	Criminal Justice/ Fire Science	43	10%	Gen. Instr. Space	8.73	0.00	1309.0	87.27				761.84												952.30	
LAHS	CJFS	024/133	Criminal Justice/ Fire Science	43	10%	Class Labs	6.89	0.00	1309.0	87.27					601.27												
LAHS	CJFS	024/133	Criminal Justice/ Fire Science	43	10%	Individual Study	0.00	0.00	1309.0	87.27						0.00											
LAHS	CJFS	024/133	Criminal Justice/ Fire Science	43	10%	Research/Support	0.00	0.00	1309.0	87.27							0.00										
LAHS	CJFS	024/133	Criminal Justice/ Fire Science	43	10%	Faculty Offices	0.00	160.00	1309.0		2	0	17					801.67									
LAHS	CJFS	024/133	Criminal Justice/ Fire Science	43	10%	Dept./ Campus			1309.0	87.27									80.17	916.30	523.60	501.783	10.908	0.000			
DS	LC	176	Reading	11	5%	Gen. Instr. Space	10.00	0.00	1159.0	77.27				772.67												965.83	
DS	LC	176	Reading	11	5%	Class Labs	0.00	0.00	1159.0	77.27					0.00												
DS	LC	176	Reading	11	5%	Individual Study	0.00	0.00	1159.0	77.27						0.00											
DS	LC	176	Reading	11	5%	Research/Support	0.00	0.00	1159.0	77.27							0.00										
DS	LC	176	Reading	11	5%	Faculty Offices	0.00	160.00	1159.0		6	0	25					1,668.33									
DS	LC	176	Reading	11	5%	Dept./ Campus			1159.0	77.27									83.42	811.30	463.60	444.283	9.658	0.000			
LAHS	TE	119	Teacher Assistant	37	10%	Gen. Instr. Space	7.55	0.00	904.0	60.27				455.01												568.77	
LAHS	TE	119	Teacher Assistant	37	10%	Class Labs	8.59	0.00	904.0	60.27					517.69												
LAHS	TE	119	Teacher Assistant	37	10%	Individual Study	0.00	0.00	904.0	60.27						0.00											
LAHS	TE	119	Teacher Assistant	37	10%	Research/Support	0.00	0.00	904.0	60.27							0.00										
LAHS	TE	119	Teacher Assistant	37	10%	Faculty Offices	0.00	160.00	904.0		2	0	11					631.67									
LAHS	TE	119	Teacher Assistant	37	10%	Dept./ Campus			904.0	60.27									63.17	632.80	361.60	346.533	7.533	0.000			
HS	DH	026	Dental Hygiene/ Dental Assistant	20	15%	Gen. Instr. Space	5.47	0.00	873.0	58.20				318.35												397.94	
HS	DH	026	Dental Hygiene/ Dental Assistant	20	15%	Class Labs	35.91	0.00	873.0	58.20					2,089.96												
HS	DH	026	Dental Hygiene/ Dental Assistant	20	15%	Individual Study	0.00	0.00	873.0	58.20						0.00											
HS	DH	026	Dental Hygiene/ Dental Assistant	20	15%	Research/Support	0.00	0.00	873.0	58.20							0.00										
HS	DH	026	Dental Hygiene/ Dental Assistant	20	15%	Faculty Offices	0.00	160.00	873.0		6	1	23					1,771.67									
HS	DH	026	Dental Hygiene/ Dental Assistant	20	15%	Dept./ Campus			873.0	58.20									265.75	611.10	349.20	334.650	7.275	0.000			
LAHS	PE	071/130	Phys Ed/ Health, Phys Ed, Recreation	42	10%	Gen. Instr. Space	0.00	0.00	779.5	51.97				0.00												0.00	
LAHS	PE	071/130	Phys Ed/ Health, Phys Ed, Recreation	42	10%	Class Labs	0.00	0.00	779.5	51.97					0.00												
LAHS	PE	071/130	Phys Ed/ Health, Phys Ed, Recreation	42	10%	Individual Study	0.00	0.00	779.5	51.97						0.00											
LAHS	PE	071/130	Phys Ed/ Health, Phys Ed, Recreation	42	10%	Research/Support	0.00	0.00	779.5	51.97							0.00										

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
Div.	Dept.	Dept. No.	Dept. Name	Factor No.	General Use Factor	Space Type	LD	Faculty	Total Credit Hours	Fall 2006 Daytime SFT	Full Time Faculty	Full Time Adjunct Faculty	Part Time Adjunct Faculty	Calculated General Instruction Space NSF (H x K)	Calculated Class Lab Space NSF (H x K)	Calculated Individual Study Space NSF (H x K)	Calculated Research/Support Space NSF (H x K)	Calculated Faculty Office Space NSF ((Lx160) + (Mx160) + ((N/3)x85))	Calculated General Use Space NSF ((Q+R+S) x F)	Calculated Student & Faculty Activity Space NSF (K x 10.5)	Calculated General Admin. Space NSF (K x 6)	Calculated Library Seating/Study Space NSF (K x 5.75)	Calculated Required PhysED Course Stations ((2*K)/16)	Calculated Maj/Min PhysED Course Stations ((J/K)*K)/16	Adjusted Calculated General Instruction Space NSF (H x K) x 1.25	
LAHS	PE	071/130	Phys Ed/ Health, Phys Ed, Recreation	42	10%	Faculty Offices	0.00	160.00	779.5		1	0	14					556.67								
LAHS	PE	071/130	Phys Ed/ Health, Phys Ed, Recreation	42	10%	Dept./ Campus			779.5	51.97										55.67	545.65	311.80	298.808	6.496	48.719	
TEC	CT	020	Civil Technology	16	10%	Gen. Instr. Space	8.92	0.00	753.0	50.20				447.78												559.73
TEC	CT	020	Civil Technology	16	10%	Class Labs	15.13	0.00	753.0	50.20					759.53											
TEC	CT	020	Civil Technology	16	10%	Individual Study	0.00	0.00	753.0	50.20						0.00										
TEC	CT	020	Civil Technology	16	10%	Research/Support	0.00	0.00	753.0	50.20							0.00									
TEC	CT	020	Civil Technology	16	10%	Faculty Offices	0.00	160.00	753.0		3	0	3					565.00								
TEC	CT	020	Civil Technology	16	10%	Dept./ Campus			753.0	50.20									56.50	527.10	301.20	288.650	6.275	0.000		
BD	BT	183	Business/ Secretarial Science	1	5%	Gen. Instr. Space	5.32	0.00	744.0	49.60				263.87												329.84
BD	BT	183	Business/ Secretarial Science	1	5%	Class Labs	16.00	0.00	744.0	49.60					793.60											
BD	BT	183	Business/ Secretarial Science	1	5%	Individual Study	0.00	0.00	744.0	49.60						0.00										
BD	BT	183	Business/ Secretarial Science	1	5%	Research/Support	0.00	0.00	744.0	49.60							0.00									
BD	BT	183	Business/ Secretarial Science	1	5%	Faculty Offices	0.00	160.00	744.0		1	0	4					273.33								
BD	BT	183	Business/ Secretarial Science	1	5%	Dept./ Campus			744.0	49.60									13.67	520.80	297.60	285.200	6.200	0.000		
LAHS	ESL	051	Languages	29	10%	Gen. Instr. Space	8.26	0.00	638.0	42.53				351.33												439.16
LAHS	ESL	051	Languages	29	10%	Class Labs	9.60	0.00	638.0	42.53					408.32											
LAHS	ESL	051	Languages	29	10%	Individual Study	0.00	0.00	638.0	42.53						0.00										
LAHS	ESL	051	Languages	29	10%	Research/Support	0.00	0.00	638.0	42.53							0.00									
LAHS	ESL	051	Languages	29	10%	Faculty Offices	0.00	160.00	638.0		0	0	0					0.00								
LAHS	ESL	051	Languages	29	10%	Dept./ Campus			638.0	42.53									0.00	446.60	255.20	244.567	5.317	0.000		
HS	XR	098	X-ray Technology	12	10%	Gen. Instr. Space	8.19	0.00	538.0	35.87				293.75												367.19
HS	XR	098	X-ray Technology	12	10%	Class Labs	31.09	0.00	538.0	35.87					1,115.09											
HS	XR	098	X-ray Technology	12	10%	Individual Study	0.00	0.00	538.0	35.87						0.00										
HS	XR	098	X-ray Technology	12	10%	Research/Support	0.00	0.00	538.0	35.87							0.00									
HS	XR	098	X-ray Technology	12	10%	Faculty Offices	0.00	160.00	538.0		3	0	2					536.67								
HS	XR	098	X-ray Technology	12	10%	Dept./ Campus			538.0	35.87									53.67	376.60	215.20	206.233	4.483	0.000		
HS	HIT	061	Medical Record Tech	22	10%	Gen. Instr. Space	6.00	0.00	518.0	34.53				207.20												259.00
HS	HIT	061	Medical Record Tech	22	10%	Class Labs	18.00	0.00	518.0	34.53					621.60											
HS	HIT	061	Medical Record Tech	22	10%	Individual Study	0.00	0.00	518.0	34.53						0.00										
HS	HIT	061	Medical Record Tech	22	10%	Research/Support	0.00	0.00	518.0	34.53							0.00									
HS	HIT	061	Medical Record Tech	22	10%	Faculty Offices	0.00	160.00	518.0		0	0	0					0.00								
HS	HIT	061	Medical Record Tech	22	10%	Dept./ Campus			518.0	34.53									0.00	362.60	207.20	198.567	4.317	0.000		
LAHS	LA	014/099	Lib. Arts, Math & Sci./ Lib. Arts, Math, & Computer Sci.	47	5%	Gen. Instr. Space	10.00	0.00	487.0	32.47				324.67												405.83
LAHS	LA	014/099	Lib. Arts, Math & Sci./ Lib. Arts, Math, & Computer Sci.	47	5%	Class Labs	6.00	0.00	487.0	32.47					194.80											
LAHS	LA	014/099	Lib. Arts, Math & Sci./ Lib. Arts, Math, & Computer Sci.	47	5%	Individual Study	2.00	0.00	487.0	32.47						64.93										
LAHS	LA	014/099	Lib. Arts, Math & Sci./ Lib. Arts, Math, & Computer Sci.	47	5%	Research/Support	0.00	0.00	487.0	32.47							0.00									
LAHS	LA	014/099	Lib. Arts, Math & Sci./ Lib. Arts, Math, & Computer Sci.	47	5%	Faculty Offices	0.00	160.00	487.0		0	0	0					0.00								
LAHS	LA	014/099	Lib. Arts, Math & Sci./ Lib. Arts, Math, & Computer Sci.	47	5%	Dept./ Campus			487.0	32.47									3.25	340.90	194.80	186.683	4.058	0.000		
TEC	ET	027	Electrical/ Electronic Technology	21	12%	Gen. Instr. Space	7.11	0.00	439.0	29.27				208.09												260.11
TEC	ET	027	Electrical/ Electronic Technology	21	12%	Class Labs	36.28	0.00	439.0	29.27					1,061.79											
TEC	ET	027	Electrical/ Electronic Technology	21	12%	Individual Study	0.00	0.00	439.0	29.27						0.00										

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z		
Div.	Dept.	Dept. No.	Dept. Name	Factor No.	General Use Factor	Space Type	LD	Faculty	Total Credit Hours	Fall 2006 Daytime SFTE	Full Time Faculty	Full Time Adjunct Faculty	Part Time Adjunct Faculty	Calculated General Instruction Space NSF (H x K)	Calculated Class Lab Space NSF (H x K)	Calculated Individual Study Space NSF (H x K)	Calculated Research/Support Space NSF (H x K)	Calculated Faculty Office Space NSF ((Lx160) + (Mx160) + ((N/3)x85))	Calculated General Use Space NSF ((Q+R+S) x F)	Calculated Student & Faculty Activity Space NSF (K x 10.5)	Calculated General Admin. Space NSF (K x 6)	Calculated Library Seating/Study Space NSF (K x 5.75)	Calculated Required PhysED Course Stations ((2*K)/16)	Calculated Maj/Min PhysED Course Stations ((J/K)*K)/16	Adjusted Calculated General Instruction Space NSF (H x K) x 1.25		
TEC	ET	027	Electrical/ Electronic Technology	21	12%	Research/Support	0.00	0.00	439.0	29.27							0.00										
TEC	ET	027	Electrical/ Electronic Technology	21	12%	Faculty Offices	0.00	160.00	439.0		3	0	5					621.67									
TEC	ET	027	Electrical/ Electronic Technology	21	12%	Dept./ Campus			439.0	29.27									74.60	307.30	175.60	168.283	3.658	0.000			
HS	MA	019	Medical Office Asst.	26	10%	Gen. Instr. Space	6.00	0.00	431.0	28.73				172.40												215.50	
HS	MA	019	Medical Office Asst.	26	10%	Class Labs	30.00	0.00	431.0	28.73					862.00												
HS	MA	019	Medical Office Asst.	26	10%	Individual Study	0.00	0.00	431.0	28.73						0.00											
HS	MA	019	Medical Office Asst.	26	10%	Research/Support	0.00	0.00	431.0	28.73							0.00										
HS	MA	019	Medical Office Asst.	26	10%	Faculty Offices	0.00	160.00	431.0		1	0	3					245.00									
HS	MA	019	Medical Office Asst.	26	10%	Dept./ Campus			431.0	28.73									24.50	301.70	172.40	165.217	3.592	0.000			
TEC	MT	059	Mechanical Tech	34	12%	Gen. Instr. Space	6.93	0.00	357.0	23.80				164.93												206.17	
TEC	MT	059	Mechanical Tech	34	12%	Class Labs	78.12	0.00	357.0	23.80					1,859.26												
TEC	MT	059	Mechanical Tech	34	12%	Individual Study	0.00	0.00	357.0	23.80						0.00											
TEC	MT	059	Mechanical Tech	34	12%	Research/Support	0.00	0.00	357.0	23.80							0.00										
TEC	MT	059	Mechanical Tech	34	12%	Faculty Offices	0.00	160.00	357.0		4	0	3					725.00									
TEC	MT	059	Mechanical Tech	34	12%	Dept./ Campus			357.0	23.80									87.00	249.90	142.80	136.850	2.975	0.000			
HS	PT	073	Physio Therapy Tech	26	10%	Gen. Instr. Space	6.00	0.00	327.5	21.83				131.00												163.75	
HS	PT	073	Physio Therapy Tech	26	10%	Class Labs	30.00	0.00	327.5	21.83					655.00												
HS	PT	073	Physio Therapy Tech	26	10%	Individual Study	0.00	0.00	327.5	21.83						0.00											
HS	PT	073	Physio Therapy Tech	26	10%	Research/Support	0.00	0.00	327.5	21.83							0.00										
HS	PT	073	Physio Therapy Tech	26	10%	Faculty Offices	0.00	160.00	327.5		2	0	5					461.67									
HS	PT	073	Physio Therapy Tech	26	10%	Dept./ Campus			327.5	21.83									46.17	229.25	131.00	125.542	2.729	0.000			
HS	LT	060	Medical Lab Tech and Biology	12	10%	Gen. Instr. Space	8.19	0.00	327.0	21.80				178.54												223.18	
HS	LT	060	Medical Lab Tech and Biology	12	10%	Class Labs	31.09	0.00	327.0	21.80					677.76												
HS	LT	060	Medical Lab Tech and Biology	12	10%	Individual Study	0.00	0.00	327.0	21.80						0.00											
HS	LT	060	Medical Lab Tech and Biology	12	10%	Research/Support	0.00	0.00	327.0	21.80							0.00										
HS	LT	060	Medical Lab Tech and Biology	12	10%	Faculty Offices	0.00	160.00	327.0		2	0	6					490.00									
HS	LT	060	Medical Lab Tech and Biology	12	10%	Dept./ Campus			327.0	21.80									49.00	228.90	130.80	125.350	2.725	0.000			
HS	EMT	257	Emergency Services (On Campus)	43	10%	Gen. Instr. Space	8.73	0.00	281.0	18.73				163.54												204.43	
HS	EMT	257	Emergency Services (On Campus)	43	10%	Class Labs	6.89	0.00	281.0	18.73					129.07												
HS	EMT	257	Emergency Services (On Campus)	43	10%	Individual Study	0.00	0.00	281.0	18.73						0.00											
HS	EMT	257	Emergency Services (On Campus)	43	10%	Research/Support	0.00	0.00	281.0	18.73							0.00										
HS	EMT	257	Emergency Services (On Campus)	43	10%	Faculty Offices	0.00	160.00	281.0		0	0	1					28.33									
HS	EMT	257	Emergency Services (On Campus)	43	10%	Dept./ Campus			281.0	18.73									2.83	196.70	112.40	107.717	2.342	0.000			
HS	HST	039/180	Health Tech/ Allied Health Sciences	26	10%	Gen. Instr. Space	6.00	0.00	122.0	8.13				48.80												61.00	
HS	HST	039/180	Health Tech/ Allied Health Sciences	26	10%	Class Labs	30.00	0.00	122.0	8.13					244.00												
HS	HST	039/180	Health Tech/ Allied Health Sciences	26	10%	Individual Study	0.00	0.00	122.0	8.13						0.00											
HS	HST	039/180	Health Tech/ Allied Health Sciences	26	10%	Research/Support	0.00	0.00	122.0	8.13							0.00										
HS	HST	039/180	Health Tech/ Allied Health Sciences	26	10%	Faculty Offices	0.00	160.00	122.0		2	0	2					376.67									
HS	HST	039/180	Health Tech/ Allied Health Sciences	26	10%	Dept./ Campus			122.0	8.13									37.67	85.40	48.80	46.767	1.017	0.000			
SD	HD	250	Human Development	11	5%	Gen. Instr. Space	10.00	0.00	57.0	3.80				38.00												47.50	
SD	HD	250	Human Development	11	5%	Class Labs	0.00	0.00	57.0	3.80					0.00												
SD	HD	250	Human Development	11	5%	Individual Study	0.00	0.00	57.0	3.80						0.00											
SD	HD	250	Human Development	11	5%	Research/Support	0.00	0.00	57.0	3.80							0.00										
SD	HD	250	Human Development	11	5%	Faculty Offices	0.00	160.00	57.0		0	0	0					0.00									

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Div.	Dept.	Dept. No.	Dept. Name	Factor No.	General Use Factor	Space Type	LD	Faculty	Total Credit Hours	Fall 2006 Daytime SFTE	Full Time Faculty	Full Time Adjunct Faculty	Part Time Adjunct Faculty	Calculated General Instruction Space NSF (H x K)	Calculated Class Lab Space NSF (H x K)	Calculated Individual Study Space NSF (H x K)	Calculated Research/Support Space NSF (H x K)	Calculated Faculty Office Space NSF ((Lx160) + (Mx160) + ((N/3)x85))	Calculated General Use Space NSF ((Q+R+S) x F)	Calculated Student & Faculty Activity Space NSF (K x 10.5)	Calculated General Admin. Space NSF (K x 6)	Calculated Library Seating/Study Space NSF (K x 5.75)	Calculated Required PhysED Course Stations ((2*K)/16)	Calculated Maj/Min PhysED Course Stations ((J/K)*K)/16	Adjusted Calculated General Instruction Space NSF (H x K) x 1.25
SD	HD	250	Human Development	11	5%	Dept./ Campus			57.0	3.80									0.00	39.90	22.80	21.850	0.475	0.000	
Totals									#####	4,176.21	151	23	336	34,335.81	58,982.27	2,532.62	0.00	37,360.00	3,106.73	43,822.80	25,041.60	23,998.20	521.70	48.72	42,919.76

5.3 APPENDIX C - HEALTH, PHYSICAL EDUCATION AND RECREATION FACILITIES SUMMARY

The following is a summary of existing and calculated space for the Physical Education facilities. The "Existing Facility- Indoor" and "Existing Facility- Outdoor" charts contain the types of facilities currently on Campus. It is acknowledged that there is inconsistency between the State University Construction Fund space models used for the size and capacity of the spaces and the actual size and capacity of the existing spaces, but it is necessary to use these State University Construction Fund numbers in order to get an existing number of stations. The "Calculated Facility - Indoor" and "Calculated Facility - Outdoor" consist of the existing facilities plus additional facilities that increase the number of stations from the existing 232 to the calculated need of 571 (general students and physical education majors). The additional facilities have been selected based on perceived need and comments from the College, but can be changed based on the specific requirements of the curriculum so long as the total stations equal 571.

Calculations for required Gym Stations

Gym Stations - General Campus Required	522
Gym Stations - Major / Minor Required	49
Total Required Stations	571

Qty.	Facility Type (from Table VII/VIII)	Stations per Facility (from Table VII/VIII)	Sq Ft per Facility (from Table VII/VIII)	Station Total	Sq Ft Total
Existing Facility - Indoor					
2	Single Gym	30	7,200	60	14,400
2	Body Mechanics Room	20	2,000	40	4,000
1	Dance Studio	20	2,400	20	2,400
1	Ice Arena	60	29,400	60	29,400
				180	50,200
Existing Facility - Outdoor					
1	Baseball (official)	20	122,500	20	122,500
1	Soccer (lacrosse)	20	112,750	20	112,750
6	Tennis	2	5,428	12	32,568
				52	267,818
Calculated Facility - Indoor					
2	Single Gym	30	7,200	60	14,400
2	Double Gym	60	15,480	120	30,960
1	Triple Gym	90	23,600	90	23,600
4	Squash Court	4	592	16	2,368
3	Body Mechanics Room	20	2,000	60	6,000
1	Golf Practice	4	600	4	600
1	Dance Studio	20	2,400	20	2,400
1	Standard Pool	30	7,600	30	7,600
1	Ice Arena	60	29,400	60	29,400
				460	117,328
Calculated Facility - Outdoor					
1	Baseball (official)	20	122,500	20	122,500
3	Soccer (lacrosse)	20	112,750	60	338,250
6	Tennis	2	5,428	12	32,568
1	Softball	20	70,000	20	70,000
				112	563,318

Existing Total	232	318,018
Calculated Total	572	680,646
Difference	-340	-362,628

5.4 APPENDIX D - SPACE NEEDS CALCULATION SUMMARY

The following is a summary of the Calculated Space Needs based on 2005-2006 curriculum, credit hours, daytime FTE's, and faculty. Totals shown in bold indicate the square footage of excess space in that category. Totals shown in parenthesis indicate additional square footage required in that category. The calculated space for General Instruction Space (classrooms) has been increased by 25% to reflect the shift from individual tablet-arm chairs (16 SF/station) to tables and chairs (20-24 SF/station) in the classroom environment. This adjustment to the average area per station accounts for 8,584 additional square feet of classroom space required for the same enrollment.

In the case of Office and Administration Space (Faculty Office), Full Time Faculty square footage was derived by multiplying each full time position (faculty or adjunct) by 160 SF. Space for Part Time Faculty was calculated by dividing the total part time faculty by 3 and multiplying that number by 85 SF. The number shown is the sum of Full Time and Part Time Faculty.

Health, Physical Education and Recreation totals are based on indoor stations only. Outdoor facilities have been omitted from the summary, as they do not impact built space needs.

Functional Space Type	Physical Space Inventory	Calculated Space	Space Needs
General Instruction and Department Facilities			
General Instruction Space	47,964	42,920	5,044
Special Instruction Space (Class Labs)	86,878	58,982	27,896
Special Instruction Space (Individual Study Space)	6,169	2,533	3,636
Research and Support Space	3,794	0	3,794
Office and Administration Space (Faculty Office)	35,981	37,360	(1,379)
General Use Facilities	9,513	3,107	6,406
Instructional Resource Centers (IRC)	2,926	9,760	(6,834)
Electronic Data Processing (EDP)	4,035	3,540	495
Library			
Collection	7,683	7,000	683
Seating/Study	8,792	23,998	(15,206)
Administration and Services	9,797	7,750	2,047
Health, Physical Education and Recreation			
Stations (Indoor Only)	28,941	117,328	(88,387)
Service	8,383	17,599	(9,216)
Student and Faculty Activity Space	56,542	43,823	12,719
Student Health Services			
Infirmary Facilities	N/A	N/A	N/A
Clinical Facilities	257	2,079	(1,822)
Administration and Service Space	595	686	(91)
Exhibition and Assembly Facilities	21,306	9,920	11,386
General Administrative Services Space	35,617	25,042	10,575
Central Services Space	20,961	23,920	(2,959)
Building Service Space	5,012	13,120	(8,108)
Special Facilities	0	0	0
Campus Total	401,146	450,466	(49,320)
Campus Total (excluding Health, Physical Education and Recreation)	363,822	315,539	48,283

5.5 APPENDIX E - PROGRAM TRACKING BY BUILDING

The following worksheets chart the distribution of existing program, as it exists in the existing buildings on campus and how it has been relocated into the newly constructed and/or renovated buildings.

The components of the worksheet are as follows:

Category – The primary space types as defined by State University Construction Fund

Sub-category – The types of spaces contained within the primary space types as defined by State University Construction Fund

Net SF – The existing spaces on campus, as defined in the BCC Physical Space Analysis (Net Area by Building)

New Science Tech & Arts Bldg. through Exist. Applied Tech. Bldg. – The new and/or renovated buildings to receive and/or supply program

Balance – The total area within a Category or Sub-category that has not been relocated. In the cases of buildings recommended for removal, Building Service, Circulation and Mechanical space has not been relocated, as these spaces will be covered in the grossing factor of whatever building receives the program.

The totals at the end of the summary reflect the NET SF of each new and/or renovated building and the existing GROSS SF of the existing renovated buildings to remain.

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Administration Building (Wales)										
Classroom Facilities										
	Classrooms and Service	0								0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	0								0
	Independent Study Labs and Service	0								0
	Research and Support	0								0
	Offices and Conference Rooms	0								0
	General and Special Use	0								0
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
	Organized Activity Units	0								0
	Organized Research Units	0								0
	Public Service Units	2,777				2,777				0
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	0								0
	Faculty and Staff Lounge Space	150				150				0
	Student Organization Space	0								0
	Merchandizing Space	0								0
	Auxilliary Food Space and Service	0								0
	Student Activities Service	0								0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	306				306				0
	Central Vehicle Storage	0								0
	Administration Services	1,031				1,031				0
	Building Services	107				107				0
General Administration										
	Offices and Services	10,347		1,914		8,433				0
	Conference Rooms and Service	1,717				1,717				0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
Non-residential Assignable Subtotal		16,435								0
Non-residential Non-assignable										
	Circulation	3,412				3,412				0
	Mechanical	510				510				0
Non-residential Non-assignable Subtotal		3,922								0
BUILDING TOTAL		20,357								0

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Arts Annex										
Classroom Facilities										
	Classrooms and Service	691	691							0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	3,874	3,874							0
	Independent Study Labs and Service	647	647							0
	Research and Support	0								0
	Offices and Conference Rooms	1,024	1,024							0
	General and Special Use	100	100							0
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
	Organized Activity Units	0								0
	Organized Research Units	0								0
	Public Service Units	0								0
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	192	192							0
	Faculty and Staff Lounge Space	0								0
	Student Organization Space	0								0
	Merchandizing Space	0								0
	Auxilliary Food Space and Service	0								0
	Student Activiities Service	0								0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	0								0
	Central Vehicle Storage	0								0
	Administration Services	0								0
	Building Services	39								39
General Administration										
	Offices and Services	0								0
	Conference Rooms and Service	0								0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
	Non-residential Assignable Subtotal	6,567								39
Non-residential Non-assignable										
	Circulation	2,428								2,428
	Mechanical	610								610
	Non-residential Non-assignable Subtotal	3,038								3,038
	BUILDING TOTAL	9,605								3,077

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Applied Technology										
Classroom Facilities										
	Classrooms and Service	4,738							4,738	0
	Lecture Halls and Service	1,916							1,916	0
Instruction Department Facilities										
	Class Labs and Service	26,556	58						26,498	0
	Independent Study Labs and Service	0								0
	Research and Support	189							189	0
	Offices and Conference Rooms	9,735							9,735	0
	General and Special Use	3,516							3,516	0
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	1,003							1,003	0
	IRC Production Service	0								0
	IRC Administration	0								0
Organized Activity Units										
Organized Research Units										
Public Service Units										
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	693							693	0
	Faculty and Staff Lounge Space	750							750	0
	Student Organization Space	0								0
	Merchandizing Space	0								0
	Auxilliary Food Space and Service	0								0
	Student Activities Service	0								0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	71							71	0
	Central Vehicle Storage	0								0
	Administration Services	0								0
Building Services										
General Administration										
	Offices and Services	684							684	0
	Conference Rooms and Service	0								0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
Non-residential Assignable Subtotal		50,172								0
Non-residential Non-assignable										
	Circulation	17,796							17,796	0
	Mechanical	4,121							4,121	0
Non-residential Non-assignable Subtotal		21,917								21,917
BUILDING TOTAL		72,089								21,917

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Campus Services Building										
Classroom Facilities										
	Classrooms and Service	0								0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	0								0
	Independent Study Labs and Service	0								0
	Research and Support	0								0
	Offices and Conference Rooms	0								0
	General and Special Use	0								0
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
Organized Activity Units										
Organized Research Units										
Public Service Units										
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	0								0
	Faculty and Staff Lounge Space	0								0
	Student Organization Space	0								0
	Merchandizing Space	2,730					2,730			0
	Auxilliary Food Space and Service	0								0
	Student Activiities Service	0								0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	2,173					2,173			0
	Central Storage	5,301						5,301		0
	Central Vehicle Storage	1,622						1,622		0
	Administration Services	5,389						5,389		0
Building Services										
		57						57		0
General Administration										
	Offices and Services	720						720		0
	Conference Rooms and Service	0								0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
Non-residential Assignable Subtotal		17,992								0
Non-residential Non-assignable										
	Circulation	3,394						3,394		0
	Mechanical	646						646		0
Non-residential Non-assignable Subtotal		4,040								0
BUILDING TOTAL		22,032								0

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Mechanical Building										
Classroom Facilities										
	Classrooms and Service	3,127		1,000	2,127					0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	19,271	4,698		6,068					8,505
	Independent Study Labs and Service	0								0
	Research and Support	142			142					0
	Offices and Conference Rooms	3,290	596		2,137					557
	General and Special Use	1,526		724						802
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
Organized Activity Units										
Organized Research Units										
Public Service Units										
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	0								0
	Faculty and Staff Lounge Space	0								0
	Student Organization Space	0								0
	Merchandizing Space	0								0
	Auxilliary Food Space and Service	0								0
	Student Activiities Service	0								0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	480						480		0
	Central Vehicle Storage	0								0
	Administration Services	0								0
Building Services										
General Administration										
	Offices and Services	143		143						0
	Conference Rooms and Service	291		291						0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
Non-residential Assignable Subtotal		28,351								9,945
Non-residential Non-assignable										
	Circulation	4,645								4,645
	Mechanical	1,308								1,308
Non-residential Non-assignable Subtotal		5,953								5,953
BUILDING TOTAL		34,304								15,898

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Science Building										
Classroom Facilities										
	Classrooms and Service	671	671							0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	10,087	10,087							0
	Independent Study Labs and Service	0								0
	Research and Support	1,572	1,572							0
	Offices and Conference Rooms	2,640	2,439		201					0
	General and Special Use	2,864	2,864							0
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
	Organized Activity Units	0								0
	Organized Research Units	0								0
	Public Service Units	0								0
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	1,866	1,866							0
	Faculty and Staff Lounge Space	0								0
	Student Organization Space	955					955			0
	Merchandizing Space	0								0
	Auxilliary Food Space and Service	0								0
	Student Activiities Service	1,479					1,479			0
Student Health Services										
	Infirmary Expr and Treatment Space	257		257						0
	Infirmary Service and Admin. Space	595		595						0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	775						775		0
	Central Vehicle Storage	0								0
	Administration Services	0								0
	Building Services	33								33
General Administration										
	Offices and Services	160					160			0
	Conference Rooms and Service	0								0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
	Non-residential Assignable Subtotal	23,954								33
Non-residential Non-assignable										
	Circulation	4,861								4,861
	Mechanical	1,689								1,689
	Non-residential Non-assignable Subtotal	6,550								6,550
	BUILDING TOTAL	30,504								6,583

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Student Center										
Classroom Facilities										
	Classrooms and Service	0								0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	0								0
	Independent Study Labs and Service	0								0
	Research and Support	0								0
	Offices and Conference Rooms	405	177				228			0
	General and Special Use	0								0
Health and Physical Education										
	HPE Activity Spaces	24,478					24,478			0
	HPE Spectator Seating	0								0
	HPE Services	7,972					7,972			0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
	Organized Activity Units	0								0
	Organized Research Units	0								0
	Public Service Units	0								0
Assembly and Exhibition										
	Assembly Seat and Service	4,987	4,987							0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	0								0
	Faculty and Staff Lounge Space	0								0
	Student Organization Space	0								0
	Merchandizing Space	2,744					2,744			0
	Auxilliary Food Space and Service	11,011					11,011			0
	Student Activiities Service	170					170			0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	0								0
	Central Vehicle Storage	0								0
	Administration Services	312					312			0
	Building Services	130					130			0
General Administration										
	Offices and Services	790					790			0
	Conference Rooms and Service	0								0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
	Non-residential Assignable Subtotal	52,999								0
Non-residential Non-assignable										
	Circulation	9,576					9,576			0
	Mechanical	3,494					3,494			0
	Non-residential Non-assignable Subtotal	13,070								0
	BUILDING TOTAL	66,069								0

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - Student Services Building										
Classroom Facilities										
	Classrooms and Service	2,867		2,867						0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	0								0
	Independent Study Labs and Service	0								0
	Research and Support	0								0
	Offices and Conference Rooms	0								0
	General and Special Use	0								0
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	85		85						0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
Organized Activity Units										
Organized Research Units										
Public Service Units										
		312				312				0
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	0								0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	768		768						0
	Faculty and Staff Lounge Space	0								0
	Student Organization Space	0								0
	Merchandizing Space	0								0
	Auxilliary Food Space and Service	0								0
	Student Activiities Service	0								0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	314						314		0
	Central Vehicle Storage	0								0
	Administration Services	534		534						0
Building Services										
		113								113
General Administration										
	Offices and Services	9,658		9,658						0
	Conference Rooms and Service	0								0
Inactive Space										
	Inactive Assignable	173		173						0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
Non-residential Assignable Subtotal										
		14,824								113
Non-residential Non-assignable										
	Circulation	2,972								2,972
	Mechanical	681								681
Non-residential Non-assignable Subtotal										
		3,653								3,653
BUILDING TOTAL										
		18,477								3,766

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Physical Space Inventory - 901 Front Street										
Classroom Facilities										
	Classrooms and Service	2,022	2,022							0
	Lecture Halls and Service	0								0
Instruction Department Facilities										
	Class Labs and Service	2,079	2,079							0
	Independent Study Labs and Service	0								0
	Research and Support	0								0
	Offices and Conference Rooms	1,729	1,159		570					0
	General and Special Use	147			147					0
Health and Physical Education										
	HPE Activity Spaces	0								0
	HPE Spectator Seating	0								0
	HPE Services	0								0
Electronic Data Processing										
	EDP Production Facilities	0								0
	EDP Production Service	0								0
	EDP Administration	0								0
Instructional Resources										
	IRC Production Facilities	0								0
	IRC Production Service	0								0
	IRC Administration	0								0
	Organized Activity Units	0								0
	Organized Research Units	0								0
	Public Service Units	0								0
Assembly and Exhibition										
	Assembly Seat and Service	0								0
	Exhibition and Service	162	162							0
Libraries										
	Library Collection Space	0								0
	Library Study Seating	0								0
	Library Services	0								0
	Library Administration	0								0
Student and Faculty Activities										
	Student Activity Recreation	0								0
	Student Lounge Space	425	425							0
	Faculty and Staff Lounge Space	165	165							0
	Student Organization Space	0								0
	Merchandizing Space	0								0
	Auxilliary Food Space and Service	0								0
	Student Activiities Service	0								0
Student Health Services										
	Infirmary Expr and Treatment Space	0								0
	Infirmary Service and Admin. Space	0								0
Central Services										
	Central Commisarry	0								0
	Central Shops	0								0
	Central Storage	0								0
	Central Vehicle Storage	0								0
	Administration Services	0								0
	Building Services	170								170
General Administration										
	Offices and Services	0								0
	Conference Rooms and Service	0								0
Inactive Space										
	Inactive Assignable	0								0
	Inactive Unusable	0								0
	Inactive Alter/Conversion	0								0
	Non-residential Assignable Subtotal	6,899								170
Non-residential Non-assignable										
	Circulation	2,459								2,459
	Mechanical	950								950
	Non-residential Non-assignable Subtotal	3,409								3,409
	BUILDING TOTAL	10,308								3,579
Physical Space Inventory - The Roberson Center										
Instruction Department Facilities										
	Class Labs and Service	1,700	1,700							0

Category	Sub Category	Net SF	New Science Tech & Arts Bldg.	New Student Service/ Exist. Science	New Eng. Tech + Addn/ Exist. Student Service	Exist. Administration Bldg.	Exist. Student Center	Exist. Campus Services	Exist. Applied Tech. Bldg.	Balance
Direct New / Renovated Building Non-residential Assignable NET SF		-	44,255	19,009	11,392	14,833	55,332	14,658	50,114	-
5% NET SF Space Increase Contingency			2,213	950	570	742	2,767	733	2,506	-
Total NET SF for New / Renovated Building Non-residential Assignable			46,468	19,959	11,962	15,575	58,099	15,391	52,620	-
<hr/>										
Existing Building Non-residential Assignable NET SF		218,193	-	23,954	14,824	16,435	52,999	17,992	50,172	10,300
Difference between new and existing		-	-	-3,995	-2,862	-860	5,100	-2,601	2,448	-

5.6 APPENDIX F – BUILDING PROGRAM PLAN

The following summary lists the program and NET square footage directly moved from existing buildings to establish the program content of each new or renovated building. The NET square footage does not reflect any adjustments for utilization or space requirements. It is important to note that many of the renovated buildings are not at full capacity in order to accommodate additional need, as well as grossing factors. NET square footage consists of non-residential assignable space only; circulation and mechanical space are included in the GROSS SF. Projects are listed in approximate order of operation.

Construct New Science Technology and Arts Building

Program will include:

- From existing Arts Annex
 - Art
 - Music
- From existing 901 Front Street
 - General Classrooms
 - Biology
- From existing Science Building
 - General Classrooms
 - Chemistry
 - Photography Lab
- From existing Mechanical Building
 - Biology
 - Art
- From existing Applied Technology
 - Music
- From existing Student Center
 - Theater
- From Roberson Center
 - Art

Spaces will include:

Classrooms and Service	
From existing Arts Annex	691 net sf
From existing Science Building	671 net sf
From existing 901 Front Street	2,022 net sf
Class Labs and Service	
From existing Arts Annex	3,874 net sf
From existing Applied Technology	58 net sf
From existing Mechanical Building	4,698 net sf
From existing Science Building	10,087 net sf
From existing 901 Front Street	2,079 net sf
From Roberson Center	1,700 net sf
Independent Study Labs and Service	
From existing Arts Annex	647 net sf
Research and Support	
From existing Science Building	1,572 net sf
Offices and Conference Rooms	
From existing Arts Annex	1,024 net sf
From existing Mechanical Building	596 net sf
From existing Science Building	2,439 net sf
From existing Student Center	177 net sf
From existing 901 Front Street	1,159 net sf
General and Special Use	
From existing Arts Annex	100 net sf
From existing Science Building	2,864 net sf
Assembly Seat and Service	
From existing Student Center	4,987 net sf
Exhibition and Service	
From existing 901 Front Street	162 net sf

Student Lounge Space		
From existing Arts Annex	192	net sf
From existing Science Building	1,866	net sf
From existing 901 Front Street	425	net sf
Faculty and Staff Lounge Space		
From existing 901 Front Street	165	net sf
Programmed NET SF	44,255	
Programmed NET SF + 5% Increase Contingency	46,468	
Programmed GROSS SF (1.6 multiplier)	74,348	

Remove 901 Front Street

Existing NET SF	-6,899
Existing GROSS SF (as supplied in Physical Space Analysis)	-11,974

Renovate Existing Science Building to New Student Services

Program will include:

- Admissions
- From existing Science Building
- Student Health Services
- From existing Student Services Building
- ACCESS
- Finance
- Financial
- Registrar
- Safety and Security
- Student Accounts
- General Classrooms
- From existing Mechanical Building
- International Education Offices
- Continuing Education
- General Classrooms

New spaces will include:

Classrooms and Service		
From existing Student Services Building	2,867	net sf
From existing Mechanical Building	1,000	net sf
General and Special Use		
From existing Mechanical Building	724	net sf
EDP Production Facilities		
From existing Student Services Building	85	net sf
Infirmary Expr and Treatment Space		
From existing Science Building	257	net sf
Infirmary Service and Admin. Space		
From existing Science Building	595	net sf
Offices and Services		
From existing Administration Building	1,914	net sf
From existing Student Services Building	9,658	net sf
From existing Mechanical Building	143	net sf
Student Lounge Space		
From existing Student Services Building	768	net sf

Administration Services	
From existing Student Services Building	534 net sf
Conference Rooms and Services	
From existing Mechanical Building	291 net sf
Inactive Assignable	
From existing Student Services Building	173 net sf
Programmed NET SF	19,009
Programmed NET SF + 5% Increase Contingency	19,959
Programmed GROSS SF (1.6 multiplier)	31,935
Existing GROSS SF (as supplied in Physical Space Analysis)	32,563

Renovate Existing Student Services Building to new Engineering Technology

Program will include:

- From existing Science Building
 - EMT Program
 - English Offices
- From existing 901 Front Street
 - English Offices
 - Early Childhood Development
- From existing Mechanical Building
 - General Liberal Arts Offices
 - English Offices
 - History Offices
 - Business Administration Offices
 - General Education
 - Engineering Technology
 - Civil Engineering Technology

New spaces will include:

Classrooms and Service	
From existing Mechanical Building	2,127 net sf
Class Labs and Service	
From existing Mechanical Building	6,068 net sf
Research and Support	
From existing Mechanical Building	142 net sf
Offices and Conference Rooms	
From existing Mechanical Building	2,137 net sf
From existing Science Building	201 net sf
From existing 901 Front Street	570 net sf
General and Special Use	
From existing 901 Front Street	147 net sf
Programmed NET SF	11,392
Programmed NET SF + 5% Increase Contingency	11,962
Programmed GROSS SF (1.6 multiplier)	19,139
Existing GROSS SF (as supplied in Physical Space Analysis)	20,000

Remove Mechanical Building

Existing NET SF	-28,351
Existing GROSS SF (as supplied in Physical Space Analysis)	-35,200

Renovate Interiors and South Façade of Business Building

Existing program to remain unchanged	
Existing NET SF	33,653
Existing GROSS SF (as supplied in Physical Space Analysis)	51,800

Renovate Existing Student Center and Construct New Addition

Existing program/spaces to remain:	
Offices and Conference Rooms	228 net sf
HPE Activity Spaces	24,478 net sf
HPE Services	7,972 net sf
Merchandizing Space	2,744 net sf
Auxiliary Food Space and Service	11,011 net sf
Student Activities Service	170 net sf
Administration Services	312 net sf
Building Services	130 net sf
Offices and Services	790 net sf
New program/spaces will include:	
Student Organization Space	
From existing Science Building	955 net sf
Student Activities Service	
From existing Science Building	1,479 net sf
Offices and Services	
From existing Science Building	160 net sf
Merchandizing Space	
From existing Campus Services Building	2,730 net sf
Central Shops	
From existing Campus Services Building	2,173 net sf
Existing NET SF	47,835
Programmed NET SF	7,497
Total NET SF + 5% Increase Contingency	58,099
Programmed GROSS SF (1.6 multiplier)	12,595
Existing GROSS SF (as supplied in Physical Space Analysis)	78,099

Renovate Existing Administration Building

Existing program/spaces to remain:	
Public Service Units	2,777 net sf
Faculty and Staff Lounge Space	150 net sf
Central Storage	306 net sf
Administration Services	1,031 net sf
Building Services	107 net sf
Offices and Services	8,433 net sf
Conference Rooms and Service	1,717 net sf

New program/spaces will include:

Public Service Units

From existing Student Services Building 312 net sf

Existing NET SF	14,521
Programmed NET SF	312
Total NET SF + 5% Increase Contingency	15,575
Programmed GROSS SF (1.6 multiplier)	524
Existing GROSS SF (as supplied in Physical Space Analysis)	21,500

Renovate Interiors of Existing Applied Technology Building

Existing program, minus Music, to remain unchanged	
Total NET SF	50,114
GROSS SF (as supplied in Physical Space Analysis)	80,654

Remove Arts Annex

Existing NET SF	-6,567
Existing GROSS SF (as supplied in Physical Space Analysis)	-10,264

Renovate Lower Level of Learning Resource Center

Existing program to remain unchanged	
Total NET SF (Lower Floor Only)	12,020