

## Campus Planning Variables

1/26/2006

Timeframe: **October 2003**  
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	<u>Guideline</u>	<u>Source</u>	<u>Comments</u>
<b><u>NON ASSIGNABLE</u></b>			
Custodial % of Total ASF	0.75%	FLC	Percentages are based on current operating conditions and are within acceptable standards.
Circulation % of Total ASF	17.50%	FLC	Percentages are based on current operating conditions and are within acceptable standards.
Mechanical % of Total ASF	7.50%	FLC	Percentages are based on current operating conditions and are within acceptable standards.
Rest Rooms % of Total ASF	1.00%	FLC	Percentages are based on current operating conditions and are within acceptable standards.
Structural % of Total ASF	13.00%	FLC	Percentages are based on current operating conditions and are within acceptable standards.
Unfinished % of Total ASF	0.35%	FLC	Percentages are based on current operating conditions and are within acceptable standards.
Closets/Service % of Total ASF	0.10%	FLC	Percentages are based on current operating conditions and are within acceptable standards.
<b><u>CLASSROOMS</u></b>			
Hours Available	45	FLC	# of hours available per week as created in planning workshops
Efficiency Ratio	75%	FLC	# hours used / # hours available each week. Provides contingency when enrollment grows.
Occupancy Rate	67%	FLC	Estimated average occupancy rate. Will improve with smaller classrooms
% Credit Hours for Class	65%	FLC	JBA/FLC workshops
% Contact to Credit Hrs	100%	FLC	JBA/FLC workshops
% Small Classrooms (25 -)	10%	FLC	Based on teaching paradigms specific to FLC
% Regular Classrooms (26-40)	60%	FLC	Based on teaching paradigms specific to FLC
% Medium Classrooms (41-75)	20%	FLC	Based on teaching paradigms specific to FLC
% Large Classrooms (76-125)	7.5%	FLC	Based on teaching paradigms specific to FLC
% Lecture Rooms (126+)	2.5%	FLC	Based on teaching paradigms specific to FLC
ASF per Station Small (25 \$ under)	25	FLC	Based on room layouts
ASF per Station Regular (26-40)	22	FLC	Based on room layouts
ASF per station Medium (41-75)	18	FLC	Based on room layouts
ASF per Station Large (76-125)	13	FLC	Based on room layouts
ASF per Station Lecture (126+)	10	FLC	Based on room layouts
% Service Space	5%	FLC	Traditional figure used at many campuses.
<b><u>LABORATORIES</u></b>			
Hours Available	45	FLC	Created in planning workshops
Efficiency Ratio	67%	FLC	Use of rooms during a given week. Provides contingency when enrollment grows.
Occupancy Rate	80%	FLC	Old CCHE
% Credit Hours for Class	35%	FLC	Use actual when available. This percentage is close to existing ratio
% Contact to Credit Hrs	200%	FLC	Conservative, many programs are higher which produces a higher space need.
ASF per Station	table	FLC	Most variables are taken from CCHE standards, JBA inc, or CEFPI
% Service Space	table	FLC	Most variables are taken from CCHE standards, JBA inc, or CEFPI
ASF per Station Research	table	FLC	Most variables are taken from CCHE standards, JBA inc, or CEFPI
% Service for Research	table	FLC	Most variables are taken from CCHE standards, JBA inc, or CEFPI
ASF per Graduate Research	table	FLC	Most variables are taken from CCHE standards, JBA inc, or CEFPI
% Service for Graduate Research	table	FLC	Most variables are taken from CCHE standards, JBA inc, or CEFPI
Computer Lab Hours Available	70	FLC	New variables for labs per current operating procedures.
Computer Lab Efficiency Ratio	50%	FLC	JBA/FLC workshops
Computer Lab Occupancy Rate	67%	FLC	JBA/FLC workshops
Computer Lab Hours per Week	3	FLC	JBA/FLC workshops
Computer Lab Station Size	25	FLC	JBA/FLC workshops
% Service Computer Lab	10%	FLC	JBA/FLC workshops
<b><u>OFFICE</u></b>			
% Exempt Faculty Special Circumstance Ofc	5%	FLC	Created in space planning workshops based on current conditions
% Exempt Faculty Office Standard Office	95%	FLC	Created in space planning workshops based on current conditions
% Exempt Staff Special Circumstance Office	10%	FLC	Created in space planning workshops based on current conditions
% Exempt Staff Standard Office	85%	FLC	Created in space planning workshops based on current conditions
% Exempt Staff Work Study Station	5%	FLC	Created in space planning workshops based on current conditions
% Classified Staff Special Circumstance Office	2%	FLC	Created in space planning workshops based on current conditions
% Classified Staff Small Office	90%	FLC	Created in space planning workshops based on current conditions
% Classified Staff Work Study Station	8%	FLC	Created in space planning workshops based on current conditions
% HDCT Part Time Adjunct - Hourly Office	50%	FLC	Created in space planning workshops based on current conditions
% HDCT Part Time Students - Work Study Ofc	25%	FLC	Created in space planning workshops based on current conditions
ASF Special Circumstance Office	200	FLC	Actual required
ASF Standard Office	135	FLC	Increasing due to technology
ASF Small Office	125	FLC	Increasing due to technology
ASF Work Study Station	80	FLC	Traditional CCHE
ASF Hourly Office per FTE	140	FLC	Increasing due to technology
% of Conference Stations per Staff	33%	CCHE	Traditional CCHE
ASF per Conference Station	30	FLC	JBA and FLC workshops
ASF per FTE Workroom/Break/Multipurpose	10	JBA	JBA and FLC workshops
ASF per FTE File/Service/Mail/Copy/Fax	5	JBA	JBA and FLC workshops
ASF per FTE Lobby/Entry/Presence	3	JBA	JBA and FLC workshops

	<u>Guideline</u>	<u>Source</u>	<u>Comments</u>
<b><u>LIBRARY/STUDY</u></b>			
Volumes for Base Collection	94300	CCHE Base = 85,000; Adjust to 94,300 based on existing Collection	
Volumes per Student	15	CCHE	General Planning Guidelines
Volumes per Faculty	100	CCHE	General Planning Guidelines
Volumes per Program	350	CCHE	General Planning Guidelines
Volumes per Master Program	6000	CCHE	General Planning Guidelines
Volumes Per Doctorate Program	25000	CCHE	General Planning Guidelines
Number of Programs	50	FLC	General Planning Guidelines
ASF per Volume	0.09	CCHE	General Planning Guidelines
ASF per Station seating	25	CCHE	General Planning Guidelines
Percentage of Students for stations	17%	FLC (includes study space in library and elsewhere on campus)	
Percentage of Faculty for Stations	5%	FLC	Specific to College
Percent of Study & Stack Space Processing	15%	FLC	Specific to College
Percent Service Space of Total Category	7.5%	FLC	Specific to College
Special Svc- Teaching Centers per # of Students	2000	FLC	Planning workshops
Special Service - ASF per Teaching Center	500	FLC	Planning workshops
<b><u>SPECIAL USE FACILITIES</u></b>			
Base for Athletic/PE Facilities	30,000	FLC	Existing
ASF per student beyond Base Athletic /PE	5	CEFPI	National Guideline
Media Base	10,000	CEFPI	National Guideline
Media ASF per FTE above base	2.25	FLC	Planning workshops
Spectator Seating per FTE	1	FLC	Existing
% Athletic Service to Athletic/PE	20%	FLC	Existing and compared to other Colorado schools
% of FTE Requiring Lockers Space	5%	JBA	Used Other Colorado schools for basis, compared to existing
# of Athletes requiring Locker Space	125	JBA	Used Other Colorado schools for basis, compared to existing
ASF per Locker with Service	50	JBA	Used Other Colorado schools for basis, compared to existing
% Training of Athletic Base	5%	FLC	Planning workshops
% Storage of Athletic Base	10%	FLC	Planning workshops
Clinic ASF per Psych,Physlgy, Hum Dev, HE	5	CEFPI	National Guideline
Pressbox-Base	500	FLC	ASF Allowance, compared to existing
Base for Other	10,000	FLC	ASF Allowance, compared to existing
Animal Quarters Base	500	FLC	ASF Allowance, compared to existing
Greenhouse Base	500	FLC	ASF Allowance, compared to existing
Mail Service Base	1,200	FLC	ASF Allowance, compared to existing
Native American Center Base	3,000	FLC	ASF Allowance, compared to existing
El Centro Base	1,000	FLC	ASF Allowance, compared to existing
<b><u>GENERAL SPACES</u></b>			
ASF/FTE unions,lounges, exhibit, display , meeting	10	APPA	Used as check only, not for projections
Food Facility Retail Seating % Total FTE	10.00%	FLC	Food services data in workshops
Food Facility Retail Seating % Total Faculty/Staff	15.00%	FLC	Food services data in workshops
Food Facility Residential Seating % FTE on Campus	33.00%	FLC	Food services data in workshops
Food Facility ASF per station	20	FLC	Food services data in workshops
% Food Facility Service	40.00%	FLC	Food services data in workshops
Assembly Space Base	26,050	CEFPI/FLC	National Standards
Assembly Space per FTE	5	FLC	Planning Workshops and compared to existing
% Assembly Space Service	15.00%	FLC	Planning Workshops and compared to existing
Recreation - ASF per student FTE	8	FLC	Planning Workshops and compared to existing
% Recreation Space Service	10.00%	FLC	Planning Workshops and compared to existing
Number of Children in Day Care	50	JBA	Allowance looking at current
ASF per students in Day Care	60	JBA	Average of other standards and Colorado schools
Lounge % student Body	10.00%	FLC	Planning Workshops and compared to existing
Lounge ASF per station	20	FLC	Planning Workshops and compared to existing
Recreation Game room ASF per FTE	0.5	FLC	Planning Workshops and compared to existing
Merchandising	3.5	FLC	National Standards
Exhibition Space Base for SW Studies w/Service	13,700	FLC	Planning Workshops and compared to existing
Exhibit ASF per Total FTE - General	0.50	FLC	Planning Workshops and compared to existing
Exhibit ASF per student FTE in Art Department w/Ser	6	FLC	Planning Workshops and compared to existing
Meeting ASF per FTE	1	FLC	Planning Workshops and compared to existing
Student Government ASF per FTE	0.75	FLC	Planning Workshops and compared to existing
Chapel Base ASF	1200	FLC	Planning Workshops and compared to existing

	<u>Guideline</u>	<u>Source</u>	<u>Comments</u>
<b><u>SUPPORT SPACE</u></b>			
Shop Space	2.00%	FLC	Planning Workshops
Central Service	0.33%	FLC	Planning Workshops
Central Storage	2.00%	JBA	compared to existing
Computer/Data Support per FTE	1.50	FLC	Planning Workshops
Vehicle Storage ASF per vehicle	250	JBA	Typical parking stall with circulation
# of Vehicles stored	15	JBA	Allowance
Hazardous Materials BASE ASF	500	FLC	Planning Workshops
Laundry Base	100	FLC	Planning Workshops
Telecommunications Closets ASF per 1000 ASF	2	FLC	Planning Workshops
<b><u>HEALTH CARE FACILITIES</u></b>			
ASF per Student for Health Center/First Aid, etc.	0.75	FLC	Planning Workshops
<b><u>RESIDENTIAL SPACE</u></b>			
Percentage of Students that live in campus housing	33%	FLC	Planning workshops
Percent of Residence Style Units - Doubles	30%	JBA	Planning guidelines based on national trends
Percent of Residence Style Units - Singles	20%	JBA	Planning guidelines based on national trends
Percent of Suite Style Units - Doubles	10%	JBA	Planning guidelines based on national trends
Percent of Suite Style Units - Singles	15%	JBA	Planning guidelines based on national trends
Percent of Apartment Style	20%	JBA	Planning guidelines based on national trends
Percent of MultiFamily Units	5%	JBA	Planning guidelines based on national trends
Percent Faculty Style Units of Faculty FTE	5%	JBA	Planning guidelines based on national trends
ASF per Residence Style Unit - Doubles	120	JBA	Planning guidelines based on national trends
ASF per Residence Style Unit - Singles	180	JBA	Planning guidelines based on national trends
ASF per Suite Style Bed - Doubles	150	JBA	Planning guidelines based on national trends
ASF per Suite Style Bed - Singles	230	JBA	Planning guidelines based on national trends
ASF per Apartment Bed	325	JBA	Planning guidelines based on national trends
ASF per MultiFamily Bed	750	JBA	Planning guidelines based on national trends
ASF per Faculty Unit	650	JBA	Planning guidelines based on national trends