State Requirements for Educational Facilities

2014

Florida Department of Education
Office of Educational Facilities

Size of Space and Occupant Design Criteria. All Boards, including universities and the FSDB, shall use the size of space and occupant design criteria contained in this section for planning projects for new construction, remodeling and renovation that are to be recommended in the 5-year educational plant survey and funded from state capital outlay funding sources, including PECO, state Lottery, state General Revenue and discretionary local capital outlay millage (1.5 mills). The criteria shall also be used for evaluating existing educational, auxiliary and ancillary facilities and by designers to develop educational specifications and user requirements in the development of phase I, II and III construction documents. The Office recommends that Boards, including universities and the FSDB, use the size of space and occupant design criteria for all other capital outlay projects in case it becomes necessary to use state funds or discretionary local capital improvement millage for those projects.

(1) Tables. Five size of space and occupant design criteria tables are provided, as follows:
- **(a)** Table (A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools.
- **(b)** Table (B) Florida Colleges.
- **(c)** Table (C) State Universities.
- **(d)** Table (D) Related Spaces for Florida Colleges and State Universities.
- **(e)** Table (E) Public Broadcasting Stations.

(2) Key. Each table provides the recommended square footage for educational programs and related spaces.
- **(a)** In Table (A) for public schools and vocational-technical schools, the indicators for grade level are as follows: "N" for nursery, "P" for preschool, "K" for kindergarten, "1-12" for grades one through 12 and "PS" for postsecondary vocational programs. Instructional spaces that contain student stations are marked with an asterisk (*).
- **(b)** In Table (B) for Florida colleges, the Information Classification Structure (ICS) Code identifies the type of program or function associated with a given set of spaces. The same ICS codes are used in the Room Inventory of the Florida College Facilities Inventory.
- **(c)** In Table (C) for state universities, the Classification of Instructional Programs (CIP) Code identifies the particular academic discipline associated with various classroom, teaching laboratory and research laboratory spaces.

(3) Calculating Program Net Square Footage.
- **(a)** The size of space and occupant design criteria tables may be used to calculate net square footage for facility spaces for a variety of educational programs, including core curricula, noncore curricula and related spaces. Using FISH, ICS or CIP codes located in the first column, find the desired facility space to view the recommended number of occupants, teacher stations, net square foot per occupant and related spaces.
- **(b)** For most noncore curricula classroom facility spaces, the recommended size depends on the number of occupants, or other kind of unit, the facility space needs to house. In these cases, the number of occupants, or other unit, is multiplied by the square feet per occupant or unit to get the size of the main space. For public schools, core curricula classrooms are assigned student stations based on the type classroom.
- **(c)** Related spaces are suggested for many facility spaces. They are indicated by FISH codes for public schools and vocational-technical schools, and by alphanumeric codes for Florida colleges and state universities. The codes are shown in the far-right column. They are used to look up the names and sizes of the related spaces, which are found at the end of Table (A) for public schools

and vocational technical schools and in the separate Table (D) Related Spaces for Florida Colleges and State Universities.

(d) The square footage for the related spaces is added to the size of the main space to get the total net square footage for the program.

(4) Calculating Other Building Space. Once program net square footage is determined, other building space may be estimated as follows:

(a) The aggregate amount of program net square footage may be increased up to six percent for interior enclosed space needed for electrical, mechanical and HVAC equipment. The result is total net square footage for the building.

(b) The square footage for groupings of instructional spaces without fixed seating and without floor-to ceiling walls may be enlarged by four additional square feet per student for circulation space. This additional circulation space should be excluded from the building net square footage amount used to figure the net-to-gross difference explained below.

(c) The total building net square footage may be supplemented for general circulation, interior and exterior walls, open malls and roof overhangs. The additional space is the net-to-gross square footage difference for the building. The recommended amounts are as follows:

1. Elementary school (grades N through 6): 27 percent of building net square footage.

2. Middle school (grades 6 through 9): 32 percent of building net square footage.

3. High school (grades 9 through 12): 34 percent of building net square footage.

4. Florida college, state university, ancillary and public broadcasting: 34 percent of building net square footage.

(d) The Facility Space Chart (OEF Form 208A), which is a supplement to the Letter of Transmittal, OEF Form 208, provides instructions for the methods of measuring and calculating net square footage, net-to-gross difference square footage and gross square footage. (Note: The form must be submitted through EFIS.)

(5) Facilities Inventory Data. District school boards shall ensure that each change in any educational facilities space which results in an increase or decrease in net square footage of the space or student stations, changes the actual design of a space or changes the condition of a space, is accurately recorded in the facilities inventory:

(a) The facilities inventory shall be corrected by submitting transactions through EFIS.

(b) A district's facilities inventory shall be corrected when new additions or remodeling occurs, during a validation study, or in any other event that causes or results in a change in square footage, student stations, design of a facilities space or the condition of a facilities space.

1. New Construction. New construction shall be added to the facilities inventory when a construction contract is issued.

2. Remodeling by Contract. Areas that are scheduled to undergo remodeling shall be updated in the inventory when a construction contract is issued.

3. Remodeling by Staff. When a remodeling project is conducted by district staff, the inventory shall be updated when the project is substantially completed.

(c) Prior to April 1 of each year, each district shall review FISH and shall certify to the Office that the inventory is current and accurate, using the Certification of Facilities Data (OEF Form FISH-Cert).

See rule 6A-2.0010, FAC, and sections 381.006, 1013.03, 1013.31, 1013.33, 1013.35, F.S.

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools

= Special code used only in the Florida Inventory of School Houses (FISH)
* = Student space used to determine school capacity

FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		1. GENERAL EDUCATION SPACE (N-12)[1]				
		a. Core curricula				
001	PK-3	Primary	*18	1	49	808, 811, 813, 814
002	4-8	Intermediate/Middle	*22	1	39	808, 811, 815, 816
003	9-12	Senior High	*25	1	32	808
010	PK-3	Primary - Skills Lab (1 per each 350 student stations or major portion thereof without FISH capacity, additional rooms will have capacity)	*18	1	49	808, 813, 814
011	4-8	Intermediate/Middle - Skills Lab	*22	1	39	808, 815, 816
012	9-12	Senior High - Skills Lab	*25	1	32	808
020	4-8	Intermediate/Middle - Science Demonstration	*22	1	37	808, 812
021	4-8	Intermediate/Middle - Science Lab	*22	1	51	808, 812
022	9-12	Senior High - Science Demonstration	*25	1	37	808, 812
023	9-12	Senior High - Science Lab	*25	1	51	808, 812
030	PK-3	Primary - Open Plan	*36, 54, 72	2, 3, 4	38	808, 813, 814
031	4-8	Intermediate/Middle - Open Plan	*44, 66, 88	2, 3, 4	32	808, 815, 816
032	9-12	Senior High - Open Plan	*50, 75, 100	2, 3, 4	27	808
060	N-PK	ESE Pre-K	*5	1	95	808, 813, 817
061	PK-12	ESE Part-Time	*15	1	65	808, 813, 815, 816
062	PK-12	ESE Full-Time	*10	1	95	808, 813, 815, 816, 817
063	PK-12	ESE Vocational	*12	1	95	808, 815, 816

Note 1: All fund sources that require an approved survey recommendation and compliance with the cost per student station as specified in section 1013.64(6)(b)1., F.S., must not exceed the specified cost per student station based on the maximum allowable NSF per student station for the total project. The cost per student station maximum does not apply to projects with a fund source that is not regulated by an approved survey recommendation and the student station cost maximums established in section 1013.64(6)(b)1., F.S.

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		b. Noncore Curricula Instructional Support				
040	PK-12	Resource Room (1 per each 150 stations or major portion thereof in elementary schools and 1 per each 250 stations or major portion thereof in middle/high schools without FISH capacity; additional resource rooms will have capacity)	*10	1	29	808
050	PK-5	Art - Elementary (1 per each 500 student stations or major portion thereof without FISH capacity; additional rooms will have capacity)	*22	1	1,000	808, 812
051	4-8	Art - Intermediate/Middle	*30	1	42	803, 805, 808, 812
052	9-12	Art - Senior High	*30	1	53	803, 805, 808, 812
064	PK-12	ESE PT/OT	5	1	95	808, 813, 817
065	PK-12	ESE Resource (1 per each 350 stations or major portion thereof without FISH capacity; additional ESE resource rooms will have capacity)	*4	1	95	808, 813
066	PK-12	ESE Supplemental Instruction	2	1	50	808
067	PK-12	ESE Observation Booth			150	
068	PK-12	ESE Time Out			40	
069	PK-12	ESE Audiology Lab			250	808
070	PK-12	Itinerant	4	1	50	808
071	PK-12 (Profound centers only)	Therapy Pool	1		1,000	808, 818(2)

Note 2: ESE spaces are generated at 1 per each 500 stations or major portion thereof. ESE vocational classrooms are generated at 1 per each 1,000 stations or major portion thereof in secondary schools.
ESE audiology lab is typically only for specialized centers.

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		c. Music				
055	PK-5	Music (1 per each 500 student stations or major portion thereof without FISH capacity; additional rooms will have capacity)	*22	1	1,000	806, 808, 831
075	6-12	Vocal Music Classroom	*25	1	57	806, 808, 830, 831, 833, 836, 837
076	6-12	Band Classroom **	one	1	2,000	806, 808, 830, 831, 832, 834, 835, 836, 837
077	6-12	Orchestra Classroom	*25	1	57	806, 808, 830, 831, 832, 836, 837
078	6-12	General Music Classroom	*25	1	37	808, 832
079	6-12	Guitar Laboratory	*25	1	37	808, 832
080	6-12	Piano Laboratory	*25	1	37	808
081	6-12	Recording Room	5		45	
082	6-12	Instrument Repair	1		110	
083#	6-12	Music Related Space (use for spaces not found in design codes 830-837)				

**Student stations are assigned to design code 076 for band classrooms as follows:

Total Satisfactory Student Stations (Excluding gymnasiums and band classrooms)	Assign Band Stations
240 or less	30
241 - 820	35
821 - 1080	40
1081 - 1340	45
1341 and above	50

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		d. Physical Education				
013	PK-5	Physical Education Storage	1		315	
014	PK-5	PE Covered Play Area (1 per school)	10% cap		36	
090	6-12	Dressing Room - Male	5% cap		12	
091	6-12	Dressing Room - Female	5% cap		12	
092	6-12	Lockers - Male	5% cap		2	
093	6-12	Lockers - Female	5% cap		2	
094	6-12	Showers - Male	5% cap		2	
095	6-12	Showers - Female	5% cap		2	
815	6-12	Restroom - Male	5% cap		2	
816	6-12	Restroom - Female	5% cap		2	
096	6-12	Drying Area - Male	5% cap		2	
097	6-12	Drying Area - Female	5% cap		2	
098	6-12	Storage	5% cap		9	
099	6-12	Teachers Shower - Male	1		22	
100	6-12	Teachers Shower - Female	1		22	
110	6-12	Multipurpose/Instruction	1		1,050	
111	6-9	Gymnasium Floor ***	1	1	5,800	
112	9-12	Gymnasium Floor ***	1	1	6,500	
113	6-12	Gymnasium Seating	10% cap		32	
114	6-12	Laundry/Towel Distribution	5% cap		2	
115	6-12	First Aid	5% cap		2	
116	6-12	Training Room (with whirlpool)	1		250	
117	6-12	Weight Room	1		1,000	
118	6-12	Wrestling Room	1		1,680	
119	6-12	Gymnastics/Dance	1		1,050	
120	6-12	Gymnasium Storage	5% cap		3	
121#	6-12	Other Physical Education Space (use for spaces not found in design codes 800-827)				

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*** Student stations are assigned to design codes 111 and 112 for gymnasiums as follows:

Total Satisfactory Student Stations (Excluding gymnasiums and band classrooms)	Grades 6-8 Assign PE Stations	Grades 9-12 Assign PE Stations
240 or less	40	30
241 - 820	60	40
821 - 1080	80	50
1081 - 1340	120	60
1341 and above	160	70

2. VOCATIONAL-TECHNICAL SPACE (6-PS)(3,4)

a. Agricultural Education

200	6-9	Orientation & Exploration Laboratory	*22	1	40	808, 812, 840, 841
201	9-12	Practical Experience Laboratory	*25	1	50	806, 810, 840, 841, 847, 848, 850
202	9-PS	Small Education Laboratory	*20	1	55	806, 810, 818(2), 840, 841, 847, 848, 850
203	9-PS	Medium Education Laboratory	*20	1	80	806, 810, 818(2), 840, 841, 847, 848, 851
204	9-PS	Large Education Laboratory	*20	1	128	806, 810, 818(2), 840, 841, 847, 848, 851

b. Business Education

210	6-9	Orientation & Exploration Laboratory	*22	1	55	808
211	9-12	Practical Experience Laboratory	*25	1	62	808
212	9-PS	Education Laboratory	*20	1	73	808

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		c. Distributive and Diversified Education				
220	6-9	Orientation & Exploration Laboratory	*22	1	40	808
221	9-12	Practical Experience Laboratory	*25	1	42	808
222	9-PS	Small Education Laboratory	*20	1	55	812, 840
223	9-PS	Medium Education Laboratory	*20	1	100	808, 812, 840
224	9-PS	Large Education Laboratory	*20	1	200	810, 812, 840
		d. Family and Consumer Sciences				
230	6-9	Orientation & Exploration Laboratory	*22	1	70	808, 812, 842, 843, 852
231	9-12	Practical Experience Laboratory	*25	1	64	808, 843, 852
232	9-PS	Small Education Laboratory	*20	1	55	812, 852
233	9-PS	Medium Education Laboratory	*20	1	69	808, 842, 843, 852
234	9-PS	Large Education Laboratory	*25	1	90	812, 842 , 843, 852
		e. Technology Education				
240	6-9	Orientation & Exploration Laboratory	*22	1	95	808, 849, 851, 852
241	9-12	Small Education Laboratory	*25	1	65	808, 852
242	9-12	Medium Education Laboratory	*25	1	95	810, 852
243	9-12	Large Education Laboratory	*25	1	135	808, 810, 849, 851, 852
		f. Industrial Education				
244	9-PS	Small Education Laboratory	*20	1	55	808, 840
245	9-PS	Medium Education Laboratory	*20	1	90	808, 810, 840, 849, 850
246	9-PS	Large Education Laboratory	*20	1	200	808, 810, 840, 847, 849, 850

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		g. Health Occupations Education				
250	6-9	Orientation & Exploration Laboratory	*22	1	46	808
251	9-12	Practical Experience Laboratory	*25	1	56	808
252	9-PS	Small Education Laboratory	*20	1	60	804, 808, 812, 840
253	9-PS	Medium Education Laboratory	*20	1	110	804, 806, 808, 810, 812, 840, 849
254	9-PS	Large Education Laboratory	*20	1	165	804, 806, 810, 818, 840, 849
		h. Public Service Education				
260	6-9	Orientation & Exploration Laboratory	*22	1	46	808, 810
261	9-12	Practical Experience Laboratory	*25	1	55	808
262	9-PS	Small Education Laboratory	*20	1	40	808
263	9-PS	Medium Education Laboratory	*20	1	65	810, 840
264	9-PS	Large Education Laboratory	*20	1	98	810, 840
		i. Vocational Resource Space				
270	9-PS	Work Evaluation Laboratory (1 per school without capacity)	*15	1	74	810, 853
271	9-PS	VPI Vocational Preparatory Instruction (1 per school without capacity)	*15	1	47	802, 808, 840, 846, 853
272#	9-PS	Vocational Laboratory Support (use for spaces not found in design codes 840-870)				

Note 3: Related and select spaces may be added or deleted based on the unique vocational program needs as supported by enrollment, projections, COFTE and other data.

Note 4: As per section 1013.31, F.S., the Division of Workforce Development shall establish and transmit to the Office documentation of the need for programs.

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Capacity: The number of students that may be housed in a facility at any given time is based on a utilization percentage of the total number of existing satisfactory student stations:

Type School	Utilization Factor Percentage	Satisfactory Student Stations
Elementary	100%	All
Middle & Junior High	90%	All
Senior High	70%	300 or less
	75%	301 - 600
	80%	601 - 900
	85%	901 - 1,200
	90%	1,201 - 1,500
	95%	1,501 - or more
Combination Schools	90%	All
Exceptional Student Centers	100%	All
Alternative Education Centers	100%	All
Designated Area Vocational Centers(5)	120%	All
Designated Adult Centers	150%	All

Note 5: Adult and Vocational Centers have increased utilization factors because of specialized day, evening and weekend use of facilities.

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		3. AUXILIARY SPACE (N-PS)				
		a. Administration/Student Services				
300	N-PS	Principal's/Director's Office	each		250	
301	N-PS	Assistant Principal/Media/Administrative/ Guidance Office	each		175	
302	N-PS	Bookkeeping Office	each		125	
303	N-PS	Secretarial Space	each		158	
304	N-PS	General Administrative Reception Area	5% cap		17	
305	N-PS	Production Workroom	5% cap		8	
306	N-PS	Conference Room	5% cap		14	
307	N-PS	Clinic	5% cap		6	
308	N-PS	Administrative Storage	5% cap		10	
309	N-PS	Records Vault/Student Records	5% cap		6	
310	N-PS	School Store	5% cap		2	
311	N-PS	Student Activities Area	5% cap		10	
312	N-PS	Computer Area	5% cap		3	
313	N-PS	Careers Room	5% cap		6	
314	N-PS	Itinerant Office (1 per each 400 stations)	each		125	
315	N-PS	Teacher Planning Office	10% cap		20	
316	N-PS	Teacher Lounge/Dining	10% cap		4	
317#	N-PS	General Administrative Space (use for spaces not found in design codes 800-827)				
		b. Custodial				
330	N-PS	Custodial Receiving	10% cap		15	
331#	N-PS	Service Closets				
332#	N-PS	Work Area				
333	N-PS	Flammable Storage	1		155	
334	N-PS	Equipment Storage	1		500	

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		c. Food Service				
340	N-PS	Dining Area	10% cap		40	
341	N-PS	Kitchen and Serving Area	10% cap		44	
342#	N-PS	Kitchen Dry Storage Area				
343#	N-PS	Kitchen Office				
344#	N-PS	Kitchen Garbage Wash Area				
345#	N-PS	Kitchen Non-Food Storage Area				
346#	N-PS	Kitchen Food Preparation Area				
347#	N-PS	Kitchen Dish Washing Area				
348#	N-PS	Satellite Kitchen				
349	N-PS	Chair Storage	5% cap		4	
350#	N-PS	Other Food Service (use for spaces not found in design codes 800-827)				
351	6-12	Covered Patio	10% cap		36	
		d. Auditorium (cannot be included with multipurpose room)				
360	6-PS	Auditorium Seating	10% cap		30	
		e. Multipurpose (cannot be included with auditorium)				
361	N-PS	Multipurpose Room	10% cap		31	
362	N-PS	Chair Storage	10% cap		2	
		f. Stage				
363	N-PS	Stage attached to auditorium, multipurpose, gym or dining	1		990	
364	N-PS	Storage	10% cap		5	
365	N-PS	Dressing - Male	5% cap		5	
366	N-PS	Dressing - Female	5% cap		5	
367	N-PS	Control Booth/Projection Room	1		100	

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		g. Textbook Storage				
368	N-PS	Textbook Storage Area	5% cap		7	
		h. Student Storage				
369	6-PS	Student Personal Storage	10% cap		5	
		i. Public Use (With Auditorium and/or Gymnasium Per School)				
370	6-PS	Lobby	5% cap		10	
371	6-PS	Concessions	1		200	
372	6-PS	Ticket Booth	1		30	
		j. School Media Center				
380	P-PS	Reading Room/Stacks	10% cap		37	
381	P-PS	Technical Processing Area	10% cap		4	
382	P-PS	Production & Professional Library	10% cap		4	
383	P-PS	AV Storage Area	10% cap		6	
384	P-PS	Periodical Storage Area	10% cap		2	
385	P-PS	Closed Circuit TV (Production, Distribution and Control)	10% cap		7	
386	P-PS	Closed Circuit Storage Area	10% cap		5	
387	P-PS	Media Production Laboratory	10% cap		5	
388	P-PS	Copying Room	10% cap		2	
389	P-PS	Small Group Room (View & Preview)	5% cap		2	
390	P-PS	Group Projects and Instruction	10% cap		5	
391	P-PS	Media Maintenance and Repair	5% cap		2	

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space

4. ANCILLARY SPACE (DISTRICT)

Total Ancillary Allocation = Survey Projected COFTE x NSF Factor

COFTE	NSF Factor
0 - 10,000	6.00
10,001 - 20,000	5.75
20,001 - 30,000	5.50
30,001 - 50,000	5.25
50,001 - 100,000	5.00
100,001 - 200,000	4.75
200,001 - 600,000	4.50

a. Ancillary Administrative Support (38%)

NSF allocated for ancillary administrative support is to be distributed by the district among design codes 400-415 and 417-428.

400	Superintendent	200
401	Conference Room	100
402	Superintendent's Secretary	
403	Ancillary Secretarial/Clerical Offices	
404	Ancillary Reception Area	100
405	Vault	100
406	Assistant Superintendent	180
407	Ancillary Administrative Offices	100
408	Business Operations	
409	Terminal Storage Area (Business Operations)	
410	School Plant Planning	
411	Word Processing Center	
412	Personnel Services	
413	Central Reproduction and Copy	
414	Central Administrative Supply	

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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
415		Mail Room				
417		Central Security				
418		Ancillary Administrative Storage				
419		Ancillary Flammable Storage				
420		Board Meeting Room			500	
421		Ancillary Staff Lounge			200	
422		Main Lobby and Switchboard				
424		Director's Office				
425		Assistant Director's Office				
426		General Office				
427		Staff Development/Instructional				
428#		Other Ancillary Administrative Support				

b. Ancillary Custodial Services (2%)

NSF allocated for ancillary custodial services is to be distributed by the district for design code 416.

416		Custodial Services				

c. Ancillary Computer/Data Center (2%)

NSF allocated for ancillary computer/data centers is to be distributed by the district among design codes 500-506.

500		Programmer Room				
501		Data Processing Technical Area				
502		Data Processing Equipment				
503		Computer Room (Raised Floor)				
504		Off-line Equipment Room				
505		Ancillary Computer Storage				
506#		Other Central Equipment Support				

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(**A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools**

= Special code used only in the Florida Inventory of School Houses (FISH)
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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space

d. Ancillary Support Facilities (50%)

NSF allocated for ancillary support facilities is to be distributed by the district among design codes 510-594.

510		Warehouse				
515		Central Kitchen				
520		Carpentry Shop				
525		Glazing Shop				
530		Masonry Shop				
535		Small Engine Shop				
540		Electronics Shop				
545		Electrical Shop				
550		Machine Shop				
555		Plumbing Shop				
560		Paint Shop				
565		Welding Shop				
570		Air Conditioning				
575		Carpet Shop				
580		Locksmith Shop				
585		Garage Parts room				
586		Machine Shop				
587		Glass/Upholstery Shop				
588		Body Shop				
589		Paint/Flammable Storage				
590		Paint Bay			800	
591		Tire Storage & Mounting				
592		Work Bay			800	
593		Drivers' Classroom			400	
594		Ancillary Support Storage				

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(**A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools**

= Special code used only in the Florida Inventory of School Houses (FISH)
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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space

e. Ancillary Media Services (8%)

NSF allocated for ancillary media services is to be distributed by the district among design codes 600-612.

600		Library Warehouse/Stacks				
601		Reference				
602		Professional Library				
603		Periodical/Journal Services				
604		Central Media Processing				
605		Audio-Visual Equipment				
606		Closed Circuit TV Laboratory				
607		Closed Circuit Support				
608		Media Production Laboratory				
609		Media Copying Room				
610		Media Maintenance/Repair				
611		Ancillary Media Storage				
612#		Other Ancillary Media Space				

5. SPECIAL USE DESIGN CODES

700#		Inside Circulation Area				
701#		Covered Walkway				
702#		Mechanical Room				
703#		Electrical Room				
704#	K-12	In-School Suspension or Detention Room	*20	1	30	808, 815, 816
705#		Museum/Gallery/Art Display Room				
707#		Telephone Equipment Room				
708#	9-12	J.R.O.T.C.	*25	1	42	800, 801, 802, 808

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools

= Special code used only in the Florida Inventory of School Houses (FISH)
* = Student space used to determine school capacity

FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		6. RELATED SPACES				
		a. Combination and General Use Related Spaces				
800		Arms Room			150	708
801		Firing Range (indoor)			2,400	708
802		Conference (instructional)			225	708, 271
803		Darkroom			100	051, 052
804		Dispensary			135	252, 253, 254
805		Kiln			60	051, 052
806		Reference			100	055, 075, 076, 077, 201, 202, 203, 204, 253, 254
808		Storage			100	001, 002, 003, 010, 011, 012, 020, 021, 022, 023, 030, 031, 032, 040, 050, 051, 052, 055, 060, 061, 062, 063, 064, 065, 066, 069, 070, 071, 075, 076, 077, 078, 079, 080, 200, 210, 211, 212, 220, 221, 223, 230, 231, 233, 240, 241, 243, 244, 245, 246, 250, 251, 252, 253, 260, 261, 262, 271, 704, 708

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools

= Special code used only in the Florida Inventory of School Houses (FISH)
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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
810		Storage, Material (large)			395	201, 202, 203, 204, 224, 242, 243, 245, 246, 253, 254, 260, 263, 264, 270
811		Storage, Outside			50	001, 002
812		Storage, Project (small)			150	020, 021, 022, 023, 050, 051, 052, 200, 222, 223, 224, 230, 232, 234, 252, 253
813		Storage, Student (N-3, ESE & Vocational Education)			40	001, 010, 030, 060, 061, 062, 064, 065
814		Student Restrooms - Male/Female (PreK-3)			60	001, 010, 030
815		Student Restrooms - Male (4-12)	5% cap		15	
816		Student Restrooms - Female (4-12)	5% cap		15	
817		Restroom and Bath (ESE)			110	060, 062, 064
818		Lockers, Restrooms and Showers (ESE & Vocational Educational)				071, 202, 203, 204, 254
819		Restrooms, Staff - Male	5% cap		4	
820		Restrooms, Staff - Female	5% cap		4	
821#		Restrooms, Staff - Male/Female				
822		Public Restrooms - Male	5% cap		2	
823		Public Restrooms - Female	5% cap		2	
824		Restrooms, Ancillary - Male	5% COFTE		2	
825		Restrooms, Ancillary - Female	5% COFTE		2	
826#		Elevators, Freight/Passengers				
827#		Elevators (Passenger/Handicapped)				

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(**A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools**

= Special code used only in the Florida Inventory of School Houses (FISH)
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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
		b. Music Related Spaces				
830		Ensemble			300	075, 076, 077
831		Practice, Music, 1 per 40 students			70	055, 075, 076, 077
832		Storage, Instrument			600	076, 077, 078, 079
833		Storage, Robe			150	075
834		Storage, Uniform			300	076
835		Studio			180	076
836		Sheet Music Storage			150	075, 076, 077
837		Storage, Large Equipment			400	075, 076, 077
		c. Vocational Related Spaces				
840		Classroom for Related Instruction (Stations are assigned for any space other than approved classrooms associated with vocational laboratory)	*20	1	34	200, 201, 202, 203, 204, 222, 223, 224, 244, 245, 246, 252, 253, 254, 263, 264, 271
841		Greenhouse			800	202, 201, 202, 203, 204
842		Kitchen (Family and Consumer Sciences)			125	230, 233, 234
843		Laundry (Family and Consumer Sciences)			50	230, 231, 233, 234
846		Reception (Instructional)			90	271
847		Storage, Flammable			125	201, 202, 203,
848		Storage, Machinery			1,100	201, 202, 203,
849		Storage, Project (large)			310	240, 243, 245, 246, 253, 254
850		Storage, Tool (small)			195	201, 202, 245,

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(A) Public School, Vocational-Technical and Related Spaces for Public Schools and Vocational-Technical Schools

= Special code used only in the Florida Inventory of School Houses (FISH)
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FISH Code	Grade Group	Facility Space Name	Recommended Occupants	Teacher Stations	NSF/ Occupant	Related Space
851		Storage, Tool (large)			310	203, 204, 240, 243
853		Testing			250	270, 271
852		Technology Resource Center			800	230, 231, 232, 233, 234, 240, 241, 242, 243
		d. Vocational Select Spaces				
807		Storage, Equipment			315	
844		Multipurpose Laboratory (Family and Consumer Sciences)			1,200	
845		Observation (Family and Consumer Sciences)			50	
854		Vocational Darkroom			225	
861		Animal Shelter			1,000	
862		Burn/Fire Maze Instruction			1,100	
863		Fitting Room			50	
864		Isolation Room			45	
865		Radio Control Room			100	
866		Radio/Studio (2 spaces may be provided)			900	
867		TV Control Room (2 spaces may be provided)			600	
868		TV Studio (2 spaces may be provided)			1,100	
869		X-Ray			135	
870		Test Cell			150	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	EDUCATIONAL FACILITIES					
	1. CLASSROOM SPACES - ALL INSTRUCTIONAL PROGRAMS					
1.00.00	Classroom	Varies	20	25	30	P-4
	2. NONVOCATIONAL LABORATORY SPACES - ADVANCED AND PROFESSIONAL PROGRAMS					
1.11.01	Agricultural & Natural Resources	Varies				
	Small		35	40	45	P-4
	Medium		50	55	60	P-5; R-4
	Large		70	75	80	P-6; R-5
1.11.02	Architectural & Environmental Design	Varies				
	Small		35	40	45	P-4; R-4
	Large		50	55	60	P-5; R-5
1.11.04	Biological Sciences	Varies				
	Small		35	40	45	P-5; R-5
	Large		50	55	60	P-6; R-6
1.11.09	Engineering	Varies				
	Small		40	50	60	P-4
	Medium		70	80	90	P-5; R-5
	Large		100	125	150	P-8; R-5
1.11.12	Health Professions	Varies				
	Small		40	50	60	P-4
	Medium		70	80	90	P-5; R-5
	Large		100	125	150	P-8; R-6
1.11.19	Physical Sciences	Varies				
	Small		35	40	45	P-4; R-4
	Large		50	55	60	P-6; R-5
1.12.10	Fine & Applied Arts	Varies				
	Art		40	50	60	G-6; P-5; R-5
	Music (Choral or Band)	Peak Load	25	35	45	E-2; 3K-5s; L-8; P-3; R-8; T-3
	Piano		40	50	60	P-5; 2K-5s
	Other Arts		35	40	45	P-5
1.13.11	Foreign Languages	Varies	35	40	45	P-5
1.13.15	Letters	Varies	20	25	30	P-4

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
1.14.08	Education	Varies	35	45	55	P-5
1.15.05	Business & Management	Varies	35	45	55	P-5
1.16.07	Computer & Information Science	Varies	35	45	55	P-5
1.16.17	Mathematics	Varies	20	25	30	P-4
1.17.03	Area Studies	Varies	20	25	30	P-4
1.17.20	Psychology	Varies				
	Small		35	40	45	P-5
	Large		50	55	60	P-6; R-5
1.17.22	Social Sciences	Varies				
	Small		35	40	45	P-5
	Large		50	55	60	P-6; R-5
1.18.06	Communications	Varies	35	45	55	P-5
1.18.13	Home Economics	Varies				
	Small		40	50	60	P-5; R-4
	Large		70	80	90	P-6; R-5
1.18.14	Law	Varies	20	25	30	P-4
1.18.16	Library Science	Varies	20	25	30	P-4
1.18.18	Military Science	Varies	20	25	30	P-4
1.18.21	Public Affairs	Varies	20	25	30	P-4
1.18.23	Theology	Varies	20	25	30	P-4
1.18.49	Interdisciplinary	Varies				
	Small		35	40	45	P-5
	Medium		50	55	60	P-5; R-4
	Large		65	75	85	P-5; R-5
1.19.00	General Degree Transfer	Varies	20	25	30	P-4
1.30.00						

3. NONVOCATIONAL LABORATORY SPACES - ADULT GENERAL AND PREPARATORY PROGRAMS

Adult General & Preparatory	15	45	47	49	B-4: P-6; U-3
Adult General & Preparatory	30	45	47	49	B-4; P-8; U-3
Adult General & Preparatory	45	45	47	49	2B-4s; Q-2; U-3.1
Adult General & Preparatory	60	45	47	49	2B-4s; Q-3; U-3.1
Adult General & Preparatory	75	45	47	49	2B-4s; Q-4; U-3.1

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	4. VOCATIONAL LABORATORY SPACES - VOCATIONAL AND TECHNICAL PROGRAMS					
1.21.00	(1) AGRICULTURAL					
	Agricultural Mechanics	20	135	142	149	A-7; I-4; L-7; P-1; P-8; Q-9; S-7
	Agricultural Production & Processing	20	122	128	134	A-7; I-4; L-7; P-1; P-8; Q-9; S-7
	Agricultural Products	20	50	53	55	A-7; M-1; P-8
	Agricultural Supplies & Services	20	50	53	55	A-7; I-3; M-1; P-8
	Forestry	20	70	74	77	A-7; I-4; M-1; P-1; P-8; Q-9; S-5
	Natural Agricultural Resources	20	70	74	77	A-7; I-3; L-8; Q-4
	Ornamental Horticulture	20	48	50	52	A-7; F-7; I-4; M-1; P-2; P-8; Q-9; S-8
1.22.00	(2) DISTRIBUTIVE					
	Custodial & Housekeeping	20	34	36	38	A-7; P-8
	Forestry	20	108	113	118	A-7; M-6; P-8
	Hotel-Motel I	20	41	43	45	P-6
	Hotel-Motel II	20	54	57	59	A-7; L-8; P-6
	Management & Supervision	20	25	27	29	P-6
	Sales Merchandising I	20	54	57	59	P-6
	Sales Merchandising II	20	54	57	59	A-7; L-8; P-6
	Warehousing	20	228	240	252	A-7; D-6; H-5; P-6
1.23.00	(3) HEALTH OCCUPATIONS					
	Cardiopulmonary Technology	15	150	167	183	A-7; Q-7; U-1
	Central Service Aide	20	67	74	82	P-6
	Dental Assisting	15	68	71	75	A-7; C-1; H-7; I-4; J-7; L-4; P-6; U-7; V-3
	Dental Hygiene	15	90	95	100	A-7; C-1; H-7; I-4; J-7; L-4; P-6; U-7; V-3

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Dental Laboratory Technology	15	47	50	52	A-5; H-7; I-4; P-6; U-1
	Diagnostic Medical Sonography	15	72	80	88	A-7; Q-4; U-1
	Electrocardiograph Technology	15	84	88	92	P-8
	Electroencephalograph Technology	15	84	88	92	A-7; Q-2
	Emergency Medical Technology	15	84	88	92	A-7; Q-4; U-2
	Funeral Services	15	144	160	176	I-4; J-3; K-6; L-2.1; N-1; Q-3; T-9
	Health Care Management	20	72	80	88	Q-2
	Health Occupations Cooperative Education	20	50	56	62	P-8
	Health Unit Coordinator	20	67	74	82	P-6
	Hearing Aide Dispensing	15	102	107	112	D-4; P-7
	Hospital Admitting Officer	20	84	88	92	P-6
	Massage	15	60	63	66	A-7; H-7; I-4; N-2; O-5; P-5; Q-5; U-7
	Medical Assisting	15	90	95	100	A-7; K-1; Q-2; U-7
	Medical Laboratory Assisting	15	60	63	66	P-6
	Medical Laboratory Technology	15	86	91	96	A-7; O-7; Q-2; R-4; U-1
	Medical Records Technology	15	84	88	92	A-7; P-6; R-3
	Nuclear Medical Technology	15	72	80	88	A-7; C-3; Q-3; U-1
	Nursing (RN)	15	143	158	173	A-7; H-6; I-2; M-2; Q-3
	Nursing Assisting	15	56	62	68	P-6
	Occupational Therapy Assistant	15	72	80	88	A-7; Q-6; U-1; U-7
	Ophthalmic Laboratory Dispensing	15	75	79	83	D-5; P-8; R-3
	Optometric Assisting	15	60	63	66	B-1; B-5; H-2; H-3; L-4; M-3; Q-1; U-7
	Perfusionist	15	72	80	88	A-7; Q-4; U-1
	Pharmacy Assisting	15	127	133	140	A-7; P-8
	Physical Therapy Aide	15	60	64	67	G-2; H-7; I-4; P-8; U-7

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Physical Therapy Assistant	15	72	80	88	G-2; H-7; I-4; P-8; U-7
	Practical Nursing (LPN)	15	250	263	275	A-7; H-6; I-2; M-1; Q-3
	Psychiatric Technician	15	72	80	88	Q-3
	Radiation Protection Technology	15	72	80	88	A-7; C-3; P-8; U-1
	Radiation Therapy Technology	15	72	80	88	A-7; C-3; Q-4; U-1
	Respiratory Therapist	15	72	80	88	A-7; I-6; Q-3
	Respiratory Therapy Technician	15	90	95	99	A-7; I-6; Q-3
	Surgical Technology	15	90	100	110	N-3; O-6; Q-2; T-7
	Veterinary Technology	15	90	100	110	A-0; A-7; C-2; G-5; H-7; I-4; N-3; O-6; T-7; V-3
1.24.00	(4) HOME ECONOMICS					
	Apparel Manufacturing	20	90	95	100	Q-2; R-4; U-6
	Child-care Services	20	49	52	54	A-7; G-5; G-7; G-8; J-5; P-6; R-1; S-2; 2U-8s
	Clothing Production & Management	20	85	90	94	E-6; G-8; P-8; R-3; U-6
	Clothing Production Services	20	69	73	76	E-6; G-8; P-6
	Consumer Services	20	43	45	47	P-6
	Food Production & Management	20	90	95	100	C-8; F-2; F-5; G-8; I-4; M-5; O-8; P-6
	Home Furnishings Production	20	76	80	84	N-1; R-7; U-6
	Home Management & Supportive Services	20	60	63	66	F-8; G-7; G-8; P-8; V-2
	Interior Design	20	50	53	55	P-8; R-5
	Interior Design Technology	20	76	80	84	H-1; Q-3; R-6
	Power Sewing Machine Operation	20	90	95	100	P-8; R-5
	Upholstery	20	88	93	98	A-7; Q-3; 2R-6s; U-6

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
1.25.00	(5) OFFICE OCCUPATIONS					
	Accounting & Computing	20	53	56	58	P-5
	Business Data Processing	20	60	63	66	A-7; P-5
	Clerical Occupations	20	49	52	54	P-5
	Secretarial Occupations	20	55	58	61	P-5
	Word Processing	20	66	70	73	P-5
1.26.00	(6) TRADE & INDUSTRIAL					
	Aeronautical Technology	20	148	155	163	A-7; J-6; P-2; Q-8; R-5
	Air-Conditioning, Refrigeration & Heating Technology	20	135	143	150	A-7; P-8; R-7; S-5
	Aircraft Airframe Mechanics	20	113	119	124	A-7; P-2; Q-1; Q-4; R-7; S-6
	Aircraft Piloting & Navigation	20	68	72	75	A-7; E-7; J-1; Q-5
	Aircraft Power Plant Mechanics	20	90	95	100	A-7; P-2; Q-1; R-6; S-6
	Appliance Repair	20	135	143	150	A-7; N-5; P-8; Q-4; R-7; S-5
	Architectural Design & Construction Technology	20	63	66	69	J-2; M-8; P-8; R-5; S-5
	Automotive Body Repair	20	180	190	200	A-7; E-8; O-3; P-2; P-8; R-2; S-5
	Automotive Machine Shop	20	200	213	225	A-7; C-5; Q-2; R-5
	Automotive Mechanics	20	162	171	180	A-7; P-2; P-5; P-8; R-5; S-5
	Automotive Technology	20	56	59	62	A-4; A-7; F-3; H-4; Q-2; R-5
	Automotive Upholstery & Trim	20	90	95	99	P-7; Q-7; S-4
	Aviation Administration	20	72	76	79	A-7; P-8; R-5
	Aviation Ground Control	20	25	27	28	P-5
	Aviation Quality Control	20	81	85	89	P-8; R-5
	Avionics	20	72	76	79	A-7; P-8; R-5; S-3
	Barbering	20	63	66	69	A-7; D-2; L-3; P-4; R-3
	Barge & Boat Operation	20	108	114	119	A-7; P-2; Q-1; U-5

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Biomedical Equipment Technology	20	84	88	92	A-7; C-3; Q-4; V-3
	Blueprint Reading & Estimating	20	25	27	28	P-5
	Boat Building - Wood & Fabricated	20	135	143	150	A-7; O-3; Q-4; S-5
	Broadcasting Technology	20	25	27	28	2J-4s; 2K-8s; 2L-1s; 2L-6s; P-5; T-5
	Building Construction Technology	20	63	66	69	M-8; Q-4; R-5; S-7
	Business Machine Maintenance	20	54	57	59	A-7; A-8; P-5; R-6; S-3
	Cabinet Making, Millwork & Furniture Making	20	162	171	180	A-7; O-2; P-1; Q-7; R-2; R-7; S-6
	Carpentry	20	90	95	100	A-7; Q-7; S-7
	Chemical Technology	20	54	57	59	A-7; G-4; N-5; Q-4; R-5
	Civil Engineering Technology	20	84	93	103	I-8; N-8; Q-5
	Commercial Art	20	113	119	124	A-1; M-7; P-8; R-5; S-3
	Commercial Fishing	20	108	114	119	A-7; F-1; I-3; P-8; R-5
	Commercial Foods & Culinary Arts	20	90	95	100	A-7; D-1; F-2; F-5; H-7; I-4; M-6; N-4; O-8
	Commercial Photography	20	90	95	100	A-3; A-7; C-3; K-7; R-5; S-7; 2T-5s
	Commercial Vehicle Driving	20	31	33	35	Q-3
	Communications Electronics	20	54	57	59	A-7; P-7; S-3
	Computer Electronics	20	72	76	79	A-7; P-8; R-5; S-3
	Construction Trades	20	81	85	89	A-7; 2Q-4s; S-7
	Cosmetology	20	72	76	79	A-7; D-3; E-3; F-8; G-8; I-1; L-3; P-6; U-7; V-1
	Custodial Services	20	34	36	38	Q-2
	Diesel Engine Mechanics	20	102	107	112	A-7; C-7; G-3; P-2; Q-1; S-6
	Drafting & Design Technology	20	72	76	79	M-8; P-8; R-5

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Dry Cleaning & Laundering	20	81	85	89	A-7; D-8; P-1; 2P-8s; R-5
	Electric Motor & Generator Mechanics	20	72	76	79	A-7; P-8; R-5; S-4
	Electrical Line Service & Repair	20	108	114	119	A-7; Q-1; S-6
	Electrical Technology	20	68	72	75	A-7; Q-1; T-2
	Electrical Wiring	20	108	114	119	A-7; Q-1; S-8
	Electrotechnical Technology	20	110	115	120	E-1; F-9; Q-9; R-5; S-6
	Electronic Chassis Assembly	20	72	76	79	A-7; Q-1; S-4
	Electronic Technology	20	72	76	79	A-7; P-8; R-5; S-4
	Engineering Model Making	20	113	119	124	Q-1; R-5; S-4
	Engineering Related Technology	20	25	27	28	P-6
	Floor Covering Installation	20	54	57	59	A-7; Q-6; S-5
	Gas Service Installation & Repair	20	54	57	59	A-7; P-7; R-4; S-4
	Gasoline Engine Mechanics	20	90	95	99	A-7; A-8; P-1; P-6; R-6; S-4; U-5
	Glazing	20	81	85	89	A-7; D-8; P-8; S-5
	Graphic Arts Technology	20	135	142	149	A-3; A-7; C-2; H-1; Q-2
	Graphic Design Technology	20	54	57	59	A-1; A-7; K-4; P-8; R-5.
	Gun Smithing	20	90	95	100	A-7; P-8; R-5; S-4
	Heavy-Duty Truck & Bus Mechanics	20	162	170	178	A-7; C-7; G-3; P-2; Q-5; S-6; T-8
	Heavy Equipment Mechanics	20	160	170	180	A-7; C-5; G-3; H-5; P-2; Q-1; S-6; T-8
	Heavy Equipment Operation	20	31	33	34	Q-1
	Industrial Electricity	20	81	85	89	A-7; Q-2; S-4
	Industrial Electronics	20	72	76	79	A-7; P-8; R-5; S-4
	Industrial Machinery Maintenance & Repair	20	135	140	145	A-7; C-5; Q-2; R-5; S-4; T-8
	Industrial Plastics	20	108	114	119	A-7; Q-2; R-5; S-4
	Industrial Technology	20	68	72	75	A-7; Q-4; S-5
	Instrument Repair	20	54	57	59	A-7; P-5; S-4

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Instrumentation Technology	20	68	72	75	A-7; Q-5; S-5
	Insulation Installation	20	81	85	89	A-7; D-8; Q-4; S-5
	Jewelry Manufacturing & Repair	20	81	85	89	P-7; R-5; S-3
	Laser/Electro-Optic Technology	20	108	114	120	A-7; F-8.1; G-9; G-9.1; P-1; Q-8; T-1
	Lathing	20	81	85	89	A-7; O-9; P-8
	Machine Shop	20	140	147	154	A-7; Q-2; R-5; S-5
	Manufacturing Technology	20	135	142	149	Q-4; S-5
	Marine Mechanics	20	162	170	178	A-7; P-1; Q-3; S-6; U-5
	Masonry	20	90	95	100	A-7; C-6; O-9; Q-1; S-5
	Mechanical Design Technology	20	63	66	69	M-8; P-8; R-5
	Metal Fabrication	20	108	114	119	A-7; Q-3; R-5; S-5
	Motorcycle Mechanics	20	90	95	100	A-7; A-8; P-1; P-7; 2R-5s; S-4; U-4
	Occupational Safety & Health	20	25	27	28	P-5
	Optical Technology	20	34	36	38	A-7; H-2; H-3; I-7; P-7
	Ornamental Iron Work	20	90	95	100	A-7; Q-1; S-5
	Painting & Decorating	20	81	85	89	A-7; D-8; P-2; Q-1; R-2; S-4
	Photographic Technology	20	90	95	100	A-3; A-7; C-3; K-7; P-8; R-5; S-7; 2T-5s
	Plastering	20	81	85	89	A-7; D-8; Q-1; S-4
	Plumbing	20	108	114	119	A-7; O-9; Q-1; S-4
	Printing & Graphic Arts	20	135	142	149	A-3; A-7; C-2; F-6; H-1
	Quality Control & Reliability Technology	20	54	56	57	A-7; P-8

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Radio & Television Servicing	20	81	85	89	A-7; Q-4; R-7; S-5
	Related Trade & Industrial Technology	20	25	27	28	P-5
	Roofing	20	81	85	89	A-7; D-8; P-2; Q-3; S-4
	Safety Engineering Technology	20	54	57	59	A-7; P-5
	School Bus Driver Training	20	25	27	28	P-5
	Sewing Machine Maintenance & Repair	20	54	57	59	A-7; A-8; P-8; R-5; S-3
	Sheet Metal Work	20	108	114	119	A-7; Q-3; S-5
	Shoe Repair & Leather Work	20	68	72	75	A-7; P-6; R-3; S-4
	Stationary Energy Systems	20	135	142	150	A-7; P-8; S-6; T-8
	Structural Steel Work	20	90	95	100	A-7; P-8; S-6; T-8
	Surveying & Mapping Technology	20	63	66	69	G-4; K-2; M-8; P-8
	Technical Illustration	20	63	66	69	A-1; M-8; Q-2; R-6
	Technical Writing & Publication	20	63	66	69	M-8; P-8; R-5
	Telephone Technology	20	34	36	37	A-7; P-8; S-5
	Television Production Technology	20	25	27	28	B-3; D-7; K-8; L-1; L-2; T-6
	Tile Setting	20	81	85	89	A-7; D-8; P-8; S-4
	Tool & Die Making	20	140	147	154	A-7; Q-2; R-5; S-5
	Tractor & Trailer Body Repair & Refinishing	20	200	213	225	A-7; D-8; E-8; O-3; P-2; Q-4 R-2; S-5
	Trade & Industrial Supervision & Management	20	54	57	59	A-7; C-4; P-8
	Upholstery	20	90	95	99	Q-7; S-4; U-6
	Vending & Recreational Machine Repair	20	90	95	100	A-7; P-7; R-5; S-4
	Watchmaking & Repair	20	54	56	57	P-5; S-3
	Welding Technology	20	135	142	149	A-7; Q-4; S-5

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
1.27.00	(7) PUBLIC SERVICE					
	Air Pollution Control Technology	20	84	93	103	A-7; F-4; Q-5
	Audio-Visual Media Technology	20	70	78	86	A-7; C-3; K-4; Q-1; R-6
	Bail Bonding	18	33	35	37	P-5
	Correctional Officer	18	74	82	90	A-7; 2I-4s; Q-1
	Criminal Justice Assisting	18	91	96	100	A-7; C-2; K-3; P-7
	Criminal Justice Technology	18	76	80	83	A-7; B-7; C-3; K-4; M-1; U-1
	Education Technology	20	70	78	86	Q-1; R-6
	Fire Fighting	18	90	100	110	A-2; A-7; E-4; 2I-4s; P-2; Q-4; S-8
	Fire Science Technology	18	90	100	110	A-7; P-1; Q-4
	Law Enforcement	18	91	96	100	A-0.1; A-7; C-3; E-5; 2I-5s; K-4; M-1; Q-1
	Legal Assisting	18	56	62	67	Q-1; U-1
	Library Assisting	20	70	78	86	Q-1; U-1
	Private Security Guard	18	67	74	80	P-7
	Public Administration Technology	20	70	78	86	A-7; M-1; Q-1
	Public Service Telecommunications	20	41	44	47	B-2; Q-1
	Recreation Technology	20	28	29	31	A-7; P-7
	Social Services Technology	20	70	78	86	A-7; P-8
	Teacher Aide	20	70	78	86	Q-1
	Urban Planning Technology	20	84	93	103	A-7; K-2; M-1;Q-5
	Water & Wastewater Technology	20	84	93	103	A-7; Q-3; U-1
	Water & Wastewater Treatment Plant Operator	20	84	93	103	A-7; Q-3; U-1

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	AUXILIARY AND ANCILLARY FACILITIES					
	5. LIBRARY/STUDY SPACES					
4.11.0	Library Facilities					
4.12.0	Reading/Study Rooms	Per reader station	20	25	30	
	Stacks	Per volume	.09	.10	.11	
	Production/Workroom	Per occupant	25	30	35	
	Technical Processing	Per reader station	5	5.5	6	
	Entrance/Lobby/Card Catalog/Circulation Desk	Per reader station	2	2.5	3	
	6. AUDIO-VISUAL SERVICES SPACES					
4.12.00	Audio-visual, Radio, Television Facilities (Up to 10,000 FT)					
	Graphics		1,300	1,450	1,600	
	Photography		1,000	1,100	1,200	
	Equipment & Materials Circulation		1,000	1,200	1,400	
	Equipment Maintenance		650	750	850	
	TV Audio Distribution		1,300	1,450	1,600	
	Audio Services & Radio		1,200	1,300	1,400	
	Studio		1,300	1,450	1,600	
	Shops & Storage		5,000	5,500	6,000	
	Audio-visual, Radio, Television Facilities (More than 10,000 FT)					
	Graphics		1,600	1,750	1,900	
	Photography		1,200	1,300	1,400	
	Equipment & Materials Circulation		1,400	1,600	1,800	
	Equipment Maintenance		850	950	1,050	
	TV Audio Distribution		1,600	1,750	1,900	
	Audio Services & Radio		1,400	1,500	1,600	
	Studio		1,600	1,750	1,900	
	Shops & Storage		6,000	6,500	7,000	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	7. AUDITORIUM SPACES					
4.14.00	Auditorium Facilities					
	Fixed Seating	Per occupant	7	8	9	
	Stage	Per peak load to perform at one time	11	12	13	
	Storage	Per number to perform	10	11	12	
	Dressing Rooms	Per number to perform	8	9	10	
	Projection & Control	Per auditorium	200	275	350	
	Lobby	Per number seated	.5	.6	.7	
	Ticket Booths	Per ticket window	25	30	35	
	Public Restrooms	Per number seated	.2	.3	.4	
	8. STUDENT SERVICES SPACES					
5.00.00	Food Facilities					
	Dining - Snack Bar	Per occupant	10	11	12	
	Dining - Cafeteria (Including kitchen)	Per occupant	13	14	15	
	Dining - Cafeteria (Excluding kitchen)	Per occupant	10	11	12	
	Student Lounge Facilities	Per occupant	10	11	12	
	Merchandising Facilities					
	Bookstore	Per FT student up to 5,000	.4	.5	.6	
	Bookstore	Per FT student 5,000 to 10,000	.2	.3	.4	
	Bookstore	Per FT student above 10,000	.09	.1	.2	
	Recreation Facilities	Per occupant	15	20	25	
	Meeting Facilities	Per occupant	10	11	12	
5.70.00	Student Health Services -- Out-Patient Clinic					
	Director's Office	1	150	175	200	
	Other Administrator	1	125	135	145	
	Physician's Office	1	140	150	160	
	Secretary/Clerk's Office - Single	1	100	110	120	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Secretary/Clerk's Office - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Nurses' Station	Per occupant	90	100	110	
	Waiting Room	Per number seated	20	25	30	
	Examination Room		110	120	130	
	Treatment Room		120	135	150	
	Surgery (minor)		140	150	160	
	Dental		140	150	160	
	X-Ray		140	150	160	
	Darkroom		80	100	120	
	Viewing		50	60	70	
	Laboratory	Per clinic	500	750	1,000	
	Pharmacy	Per clinic	500	750	1,000	
	Supplies		120	130	140	
	Storage		120	130	140	
	Patient Toilet		30	35	40	
	9. PHYSICAL EDUCATION SPACES					
5.00.00	Gymnasium (Playing area and safety zones)	Per campus	6,800	7,000	7,200	
	Gymnasium Seating	Per gym seat	2.5	2.8	3.1	
	Dressing Room - Male	Peak load	12	12.5	13	
	Dressing Room - Female					
	Lockers - Male	Peak load	1.5	2	2.5	
	Lockers - Female					
	Showers - Male	Peak load	4	4.2	4.4	
	Showers - Female					
	Drying Area - Male	Peak load	1.5	2	2.5	
	Drying Area - Female					
	Student Restrooms - Male	Peak load	1.5	2	2.5	
	Student Restrooms - Female					
	Instr. Restrooms - Male	Per instructor				
	Instr. Restrooms - Female	Per instructor	20	22	24	
	Lobby	Per gym seat	.5	.6	.7	
	Concession	Per gym seat	.1	.2	.3	
	Ticket Booth	Per window	25	30	35	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Public Restrooms - Male	Per gym seat	.1	.15	.2	
	Public Restrooms - Female					
	Equipment Storage	Peak load	6	6.5	7	
	First Aid, Physical Therapy	Per campus	715	750	785	
	Wrestling Room	Per campus	1,600	1,680	1,760	
	Weight Room	Peak load	4.5	4.75	5	
	Laundry/Towel Distribution	Peak load	1.5	2	2.5	
	Dance	Peak load	7.5	8	8.5	
	Gymnastics	Peak load	7.5	8	8.5	
	Boxing Ring	Per ring	860	900	940	
	Punching Bag (Light)	Per bag	12	15	18	
	Punching Bag (Heavy)	Per bag	30	35	40	
	Fencing	Per strip	315	325	335	
	Pool and Support					
	Pool Manager's Office (Minimum of 3 ft. above deck level)		110	120	130	
	Chemical Storage Area		90	100	110	
	First Aid/Lifeguard Station		110	120	130	
	Decking Area (Nonslip surface around entire pool area)		6	7	8	
	Pump Room, Filtration, etc.		Depending upon design			
	Handicapped		Provide chair lift with swing-out arm and set of built-in shallow area steps. Restrooms and showers to meet handicapped regulations.			
	10. OFFICE SPACES					
1.00.00	Instructional Office Facilities					
	Director's Office	1	150	175	200	
	Other Administrator	1	125	135	145	
	Faculty Office - Single	1	110	120	130	
	Faculty Office - Multiple	Varies	115 NSF for first person, plus 55 NSF for each additional person			
	Secretary/Clerk - Single	1	100	110	120	
	Secretary/Clerk - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Reception	Per number seated	15	20	25	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Conference	Per occupant	15	20	25	
	Workroom	Varies	100 NSF for first person, plus 35 NSF for each additional person			
	Files		110	120	130	
	Supplies		100	125	150	
	Storage		125	150	175	
	Faculty Lounge	Per occupant	10	11	12	
5.00.0	Student Office Facilities					
5.01.0	Office - Single	1	100	110	120	
	Office - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Publications Workroom	Varies	100 NSF for first person, plus 35 NSF for each additional person			
	Counseling Area	Varies	100 NSF for first person, plus 20 NSF for each additional person			
	Testing Area	Varies	100 NSF for first person, plus 15 NSF for each additional person			
Varies	Staff Office Facilities					
	Director's Office	1	150	175	200	
	Other Administrator	1	125	135	145	
	Staff Office - Single	1	110	120	130	
	Staff Office - Multiple	Varies	115 NSF for first person, plus 55 NSF for each additional person			
	Secretary/Clerk - Single	1	100	110	120	
	Secretary/Clerk - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Reception	Per number seated	15	20	25	
	Conference	Per occupant	15	20	25	
	Workroom	Varies	100 NSF for first person, plus 35 NSF for each additional person			
	Files		110	120	130	
	Supplies		100	125	150	
	Storage		125	150	175	
	Staff Lounge	Per occupant	10	11	12	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(B) Florida Colleges

ICS Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
6.00.00	Administrative Office Facilities					
	President's Office	1	250	300	350	
	Vice President's Office	1	200	225	250	
	Dean's Office	1	200	225	250	
	Bursar's Office	1	175	200	225	
	Registrar's Office	1	175	200	225	
	Other Administrator	1	125	150	175	
	Secretary/Clerk - Single	1	110	120	130	
	Secretary/Clerk - Multiple	Varies	115 NSF for first person, plus 55 NSF for each additional person			
	Reception	Per number seated	15	20	25	
	Conference	Per occupant	20	25	30	
	Workroom	Varies	125 NSF for first person, plus 35 NSF for each additional person			
	Files		120	135	150	
	Supplies		100	125	150	
	Storage		125	150	175	
	NONASSIGNABLE FACILITIES					
9.00.00	Sanitation Facilities					
	Student Restrooms	Per FT student	1.25	1.50	1.75	
	Custodial Facilities	Per FT student	1.00	1.10	1.20	
	Flammable Storage		250	300	350	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	EDUCATIONAL FACILITIES					
	1. CLASSROOM SPACES - ALL ACADEMIC DISCIPLINES					
	Classroom	Varies	20	22	24	P-4
	2. TEACHING LABORATORY SPACES - ALL ACADEMIC DISCIPLINES					
01.0XXX	Agribusiness & Agricultural Production	Varies				
	Small		55	60	65	P-5; R-4
	Large		70	80	90	P-6; R-5
	Specialty		60	70	80	F-7; I-4; M-1; P-2; P-8; Q-9; S-8
02.0XXX	Agriculture Sciences	Varies				
	Small		55	60	65	P-5; R-4
	Large		70	80	90	P-6; R-5
	Specialty		60	70	80	A-0; F-7; I-4; M-1; P-2; P-8; Q-9; S-8
03.0XXX	Renewable Natural Resources	Varies				
	Small		55	60	65	P-5; R-4
	Large		70	80	90	P-6; R-5
	Specialty		60	70	80	F-7; I-4; M-1; P-2; P-8; Q-9; S-8
04.0XXX	Architecture & Environmental Design	Varies				
	Small		60	65	70	P-5; R-5
	Large		90	100	110	P-6; R-6
	Specialty		70	85	100	J-2; M-1; M-8; P-8; R-5; S-5
05.0XXX	Area & Ethnic Studies	Varies	25	30	35	P-4
09.0XXX	Mass Communication	Varies	30	35	40	P-5
	Advertising & Publications		45	55	65	C-3; H-1; P-8; R-5; U-1

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Broadcasting		35	45	55	D-6; 2J-4s; 2K-8s; 2L-1s; 2L-6s; P-6; 2T-5s
11.0XXX	Computer & Information Sciences	Varies	45	50	55	P-5
13.XXXX	Education	Varies	40	45	50	P-6; R-4
14.XXXX	Engineering	Varies				
	Small		65	75	85	P-5; R-5
	Large		110	125	140	P-6; R-6
	Specialty		75	100	125	G-4; M-8 Q-1; U-1
15.XXXX	Engineering Technology	Varies				
	Small		65	75	85	P-5; R-5
	Large		90	100	110	P-6; R-6
	Specialty		80	90	100	G-4; M-8; Q-1; U-1
16.XXXX	Foreign Languages	Varies	35	40	45	P-5
19.0XXX	Home Economics/Human Sciences	Varies	45	50	55	P-6; R-4
	Dietetics & Nutrition		70	85	100	C-8; F-2; F-5; G-8; M-5; O-8; P-6
	Textiles & Clothing		70	85	100	E-6; G-8; P-8; R-3; U-6
22.01XX	Law	Varies	25	30	35	P-4
23.XXXX	Letters	Varies	25	30	35	P-4
24.010X	Liberal/General Studies	Varies	25	30	35	P-4
25.0101	Library & Archival Sciences	Varies	25	30	35	P-4
26.0XXX	Life Sciences	Varies				
	Small		50	55	60	J-7; P-6; R-4
	Large		70	80	90	J-7; P-7; R-5
27.0XXX	Mathematics	Varies	25	30	35	P-4

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
30.XXXX	Multi/Interdisciplinary Study	Varies	25	30	35	P-4
31.0XXX	Parks, Recreation, Leisure & Fitness	Varies	35	40	45	P-5
38.0XXX	Philosophy, Religion, Theology	Varies	25	30	35	P-4
40.0XXX	Physical Sciences	Varies				
	Small		50	55	60	J-7; P-6; R-4
	Large		65	75	85	J-7; P-7; R-5
42.XXXX	Psychology	Varies				
	Small		35	40	45	B-3; P-6; R-4
	Large		45	50	55	B-4; P-7; R-5
43.010X	Protective Services	Varies	25	30	35	P-4
44.0XXX	Public Administration & Services	Varies	20	30	35	P-4
45.XXXX	Social Sciences	Varies				
	Small		30	35	40	P-4
	Large		40	45	50	P-6; R-5
50.0XXX	Visual & Performing Arts	Varies	65	75	85	P-5
	Dance		75	100	125	2I-4s; P-6
	Dramatic Arts		75	100	125	2I-4s; 2Q-3s
	Music		65	75	85	E-2; 3K-5s; L-8; P-3; R-8; T-3
	Visual Arts		75	100	125	G-6; H-1; K-3; P-7; R-2; R-5
51.XXXX	Health Professions & Related Sciences	Varies				
	Small		40	50	60	L-7; P-5
	Large		65	75	85	B-4; I-6; M-1; Q-1
	Clinical Specialty		65	75	85	B-1; C-1; D-3; G-5; H-7; I-4; J-5; L-4; N--3; O-7; 2P-7s; T-3; T-7; 2U-7s; V-3

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Physical Therapy		65	75	85	G-2; H-7; I-4; N-2; O-5; O-9; P-5; U-7
	Scientific Specialty		40	50	60	A-6; J-7; L-8; Q-1; U-1
52.XXXX	Business & Management	Varies	25	30	35	P-4
	3. RESEARCH LABORATORY SPACES - ALL ACADEMIC DISCIPLINES					
01.0XXX	Agribusiness & Agricultural Production	Per occupant	400	450	500	
02.0XXX	Agriculture Sciences	Per occupant	400	450	500	
03.0XXX	Renewable Natural Resources	Per occupant	400	450	500	
04.0XXX	Architecture & Environmental Design	Per occupant	325	375	425	
05.0XXX	Area & Ethnic Studies	Per occupant	70	75	80	
09.0XXX	Mass Communication	Per occupant	325	375	425	
11.0XXX	Computer & Information Sciences	Per occupant	70	75	80	
13.XXXX	Education	Per occupant	70	75	80	
14.XXXX	Engineering	Per occupant	400	450	500	
15.XXXX	Engineering Technology	Per occupant	400	450	500	
16.XXXX	Foreign Languages	Per occupant	70	75	80	
19.0XXX	Home Economics/Human Sciences	Per occupant	325	375	425	
22.01XX	Law	Per occupant	70	75	80	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
23.XXXX	Letters	Per occupant	70	75	80	
24.010X	Liberal/General Studies	Per occupant	70	75	80	
25.0101	Library & Archival Sciences	Per occupant	70	75	80	
26.0XXX	Life Sciences	Per occupant	400	450	500	
27.0XXX	Mathematics	Per occupant	70	75	80	
30.XXXX	Multi/Interdisciplinary Study	Per occupant	70	75	80	
31.0XXX	Parks, Recreation, Leisure & Fitness	Per occupant	70	75	80	
38.0XXX	Philosophy, Religion, Theology	Per occupant	70	75	80	
40.0XXX	Physical Sciences	Per occupant	400	450	500	
42.XXXX	Psychology	Per occupant	325	375	425	
43.010X	Protective Services	Per occupant	70	75	80	
44.0XXX	Public Administration & Services	Per occupant	70	75	80	
45.XXXX	Social Sciences	Per occupant	70	75	80	
50.0XXX	Visual & Performing Arts	Per occupant	325	375	425	
51.XXXX	Health Professions & Related Sciences	Per occupant	400	450	500	
52.XXXX	Business & Management	Per occupant	70	75	80	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	AUXILIARY AND ANCILLARY FACILITIES					
	4. GYMNASIUM SPACES					
	Gymnasium (Playing area and safety zones)	Per campus	6,800	7,000	7,200	
	Gymnasium Seating	Per gym seat	2.5	2.8	3.1	
	Dressing Room - Male	Peak load	12	12.5	13	
	Dressing Room - Female					
	Lockers - Male	Peak load	1.5	2	2.5	
	Lockers - Female					
	Showers - Male	Peak load	4	4.2	4.4	
	Showers - Female					
	Drying Area - Male	Peak load	1.5	2	2.5	
	Drying Area - Female					
	Student Restrooms - Male	Peak load	1.5	2	2.5	
	Student Restrooms - Female					
	Instr. Restrooms - Male	Per				
	Instr. Restrooms - Female	Instructor	20	22	24	
	Lobby	Per gym seat	.5	.6	.7	
	Concession	Per gym seat	.1	.2	.3	
	Ticket Booth	Per window	25	30	35	
	Public Restrooms - Male	Per gym seat	.1	.15	.2	
	Public Restrooms - Female					
	Equipment Storage	Peak load	6	6.5	7	
	First Aid, Physical Therapy	Per campus	715	750	785	
	Wrestling Room	Per campus	1,600	1,680	1,760	
	Weight Room	Peak load	4.5	4.75	5	
	Laundry/Towel Distribution	Peak load	1.5	2	2.5	
	Dance	Peak load	7.5	8	8.5	
	Gymnastics	Peak load	7.5	8	8.5	
	Boxing Ring	Per ring	860	900	940	
	Punching Bag (Light)	Per bag	12	15	18	
	Punching Bag (Heavy)	Per bag	30	35	40	
	Fencing	Per strip	315	325	335	
	Pool and Support					
	Pool Manager's Office (Minimum of 3 ft. above deck level)		110	120	130	
	Chemical Storage Area		90	100	110	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	First Aid/Lifeguard Station		110	120	130	
	Decking Area (Nonslip surface around entire pool area)		6	7	8	
	Pump Room, Filtration, etc.		Depending upon design			
	Handicapped		Provide chair lift with swing-out arm and one set of built-in shallow-area steps. Restrooms and showers to meet handicapped regulations.			
	5. LIBRARY/STUDY SPACES					
	Library/Study Facilities					
	Reading/Study Rooms	Per reader station	20	25	30	
	Carrels	Per occupant	25	30	35	
	Stacks	Per volume	.09	.10	.11	
	Production/Workroom	Per occupant	25	30	35	
	Technical Processing	Per reader station	5	5.5	6	
	Entrance/Lobby/Card Catalog/ Circulation Desk	Per reader station	2	2.5	3	
	6. INSTRUCTIONAL MEDIA SPACES					
	Instructional Media, Radio, Television Facilities (Up to 10,000 FT)					
	Graphics		1,300	1,450	1,600	
	Photography		1,000	1,100	1,200	
	Equipment & Materials Circulation		1,000	1,200	1,400	
	Equipment Maintenance		650	750	850	
	TV Audio Distribution		1,300	1,450	1,600	
	Audio Services & Radio		1,200	1,300	1,400	
	Studio		1,300	1,450	1,600	
	Shops & Storage		5,000	5,500	6,000	
	Instructional Media, Radio, Television Facilities (More than 10,000 FT)					
	Graphics		1,600	1,750	1,900	
	Photography		1,200	1,300	1,400	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Equipment & Materials Circulation		1,400	1,600	1,800	
	Equipment Maintenance		850	950	1,050	
	TV Audio Distribution		1,600	1,750	1,900	
	Audio Services & Radio		1,400	1,500	1,600	
	Studio		1,600	1,750	1,900	
	Shops & Storage		6,000	6,500	7,000	
	7. AUDITORIUM SPACES					
	Auditorium Facilities					
	Fixed Seating	Per occupant	7	8	9	
	Stage	Per peak load to perform at one time	11	12	13	
	Storage	Per number to perform	10	11	12	
	Dressing Rooms	Per number to perform	8	9	10	
	Projection & Control	Per auditorium	200	275	350	
	Lobby	Per number seated	.5	.6	.7	
	Ticket Booths	Per ticket window	25	30	35	
	Public Restrooms	Per number seated	.2	.3	.4	
	8. ACADEMIC SUPPORT SPACES					
	Student Academic Support Facilities					
	Academic Meeting Room	Per occupant	10	12	14	
	Service Area		75	100	125	
	9. OFFICE SPACES					
	Instructional Office Facilities					
	Director's Office	1	150	175	200	
	Other Administrator	1	125	135	145	
	Faculty Office - Single	1	110	120	130	
	Faculty Office - Multiple	Varies	115 NSF for first person, plus 55 NSF for each additional person			
	Secretary/Clerk - Single	1	100	110	120	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Secretary/Clerk - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Reception	Per number seated	15	20	25	
	Conference	Per occupant	15	20	25	
	Workroom	Varies	100 NSF for first person, plus 35 NSF for each additional person			
	Files		110	120	130	
	Supplies		100	125	150	
	Storage		125	150	175	
	Faculty Lounge	Per occupant	10	11	12	
	Student Office Facilities					
	Office - Single	1	100	110	120	
	Office - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Publications Workroom	Varies	100 NSF for first person, plus 35 NSF for each additional person			
	Counseling Area	Varies	100 NSF for first person, plus 20 NSF for each additional person			
	Testing Area	Varies	100 NSF for first person, plus 15 NSF for each additional person			
	Staff Office Facilities					
	Director's Office	1	150	175	200	
	Other Administrator	1	125	135	145	
	Staff Office - Single	1	110	120	130	
	Staff Office - Multiple	Varies	115 NSF for first person, plus 55 NSF for each additional person			
	Secretary/Clerk - Single	1	100	110	120	
	Secretary/Clerk - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Reception	Per number seated	15	20	25	
	Conference	Per occupant	15	20	25	
	Workroom	Varies	100 NSF for first person, plus 35 NSF for each additional person			
	Files		110	120	130	
	Supplies		100	125	150	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Storage		125	150	175	
	Staff Lounge	Per occupant	10	11	12	
	Administrative Office Facilities					
	President's Office	1	250	300	350	
	Vice President's Office	1	200	225	250	
	Dean's Office	1	200	225	250	
	Bursar's Office	1	175	200	225	
	Registrar's Office	1	175	200	225	
	Other Administrator	1	125	150	175	
	Secretary/Clerk - Single	1	110	120	130	
	Secretary/Clerk - Multiple	Varies	115 NSF for first person, plus 55 NSF for each additional person			
	Reception	Per number seated	15	20	25	
	Conference	Per occupant	20	25	30	
	Workroom	Varies	25 NSF for first person, plus 35 NSF for each additional person			
	Files		120	135	150	
	Supplies		100	125	150	
	Storage		125	150	175	
10.	OTHER ASSIGNABLE SPACES					
	Food Facilities					
	Dining - Snack Bar	Per occupant	10	11	12	
	Dining - Cafeteria (Including kitchen)	Per occupant	13	14	15	
	Dining - Cafeteria (Excluding kitchen)	Per occupant	10	11	12	
	Student Lounge Facilities	Per occupant	10	11	12	
	Merchandising Facilities					
	Bookstore	Per FT student up to 5,000	.4	.5	.6	
	Bookstore	Per FT student 5,000 to 10,000	.2	.3	.4	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Bookstore	Per FT student above 10,000	.09	.1	.2	
	Recreation Facilities	Per occupant	15	20	25	
	Meeting Facilities	Per Occupant	10	11	12	
	Student Health Care Facilities–In-Patient Infirmary					
	Administrative Director's Office	1	175	200	225	
	Other Administrator	1	140	150	160	
	Medical Director's Office	1	175	200	225	
	Nursing Director's Office	1	175	200	225	
	Physician's Office	1	140	150	160	
	Physician Assistant's Office	1	125	135	145	
	Psychiatrist's Office	1	140	150	160	
	Psychiatric Counseling	1	125	135	145	
	Clinical Associate's Office	1	130	140	150	
	Physical Therapist's Office	1	140	150	160	
	Medical Librarian's Office	1	130	140	150	
	Secretary/Clerk - Single	1	100	110	120	
	Secretary/Clerk - Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Office Storage	120	130	150		
	Medical Records File Storage		500	600	700	
	Reception	Per occupant	15	20	25	
	Waiting Room	Per number seated	20	25	30	
	Examination Room		110	120	130	
	Treatment Room		120	135	150	
	Resting Area		50	60	70	
	Surgery		140	150	160	
	Whirlpool		150	160	170	
	Patient Toilet		30	35	40	
	Drawing Room		110	120	130	
	Laboratory	Per infirmary	900	1,000	1,100	
	Bacteriology	Per infirmary	325	350	375	
	Pharmacy	Per Infirmary	900	1,000	1,100	
	X-ray		200	250	300	
	Darkroom		150	200	250	
	Viewing		125	150	175	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Nurses' Station	Per occupant	90	100	110	
	Private Patient Bedroom	1	120	130	140	
	Semi-Private Patient Bedroom	2	160	170	180	
	Patient Toilet & Bath		45	55	65	
	Patient Lounge		400	500	600	
	Supplies		125	150	175	
	Storage		175	200	225	
	Kitchen		225	250	275	
	Food Preparation		225	250	275	
	Dry Storage		275	300	325	
	Refrigerator & Freezer		275	300	325	
	Serving Area		135	150	165	
	Cafeteria		700	800	900	
	Scullery		250	275	300	
	Housekeeping Workroom		250	300	350	
	Receiving		180	200	220	
	Supplies		500	600	700	
	Storage		500	600	700	
	Student Health Services–Out-Patient Clinic					
	Director's Office	1	150	175	200	
	Other Administrator	1	125	135	145	
	Physician's Office	1	140	150	160	
	Secretary/Clerk's Office–Single	1	100	110	120	
	Secretary/Clerk's Office–Multiple	Varies	105 NSF for first person, plus 50 NSF for each additional person			
	Nurses' Station	Per occupant	90	100	110	
	Waiting Room	Per number seated	20	25	30	
	Examination Room		110	120	130	
	Treatment Room		120	135	150	
	Surgery		140	150	160	
	Dental		140	150	160	
	X-ray		140	150	160	
	Darkroom		80	100	120	
	Viewing		50	60	70	
	Laboratory	Per clinic	500	750	1,000	
	Pharmacy	Per clinic	500	750	1,000	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(C) State Universities

CIP Code	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.	Related Space
	Supplies		120	130	140	
	Storage		120	130	140	
	Patient Toilet		30	35	40	
	NONASSIGNABLE FACILITIES					
	Sanitation Facilities					
	Student Restrooms	Per FT student	1.25	1.50	1.75	
	Staff/Public Restrooms	Per FT student	0.20	0.25	0.30	
	Custodial Facilities	Per FT student	1.00	1.10	1.20	
	Flammable Storage		250	300	350	

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(D) Related Spaces for Florida Colleges and State Universities

Alpha-Numeric Code	Related Space Name	Net Square Feet per Related Space Minimum	Normal	Maximum
A-0	Animal Shelter	900	1,000	1,100
A-0.1	Arms Storage	150	200	250
A-1	Art Production	750	800	850
A-2	Burn Building	1,000	1,100	1,200
A-3	Camera Processing	100	110	120
A-4	Carburization & Electrical	850	900	950
A-5	Ceramics	160	180	200
A-6	Chemistry	500	550	600
A-7	Classroom, Related Instruction	500	525	550
A-8	Cleaning	90	100	110
B-1	Clinician	125	135	145
B-2	Communications	100	110	120
B-3	Conference	175	200	225
B-4	Conference	250	300	350
B-5	Contact Lenses	250	275	300
B-6	Controls Equipment	1,100	1,300	1,500
B-7	Courtroom	500	550	600
C-1	Darkroom	50	75	100
C-2	Darkroom	150	200	250
C-3	Darkroom	300	350	400
C-4	Data Processing	1,000	1,100	1,200
C-5	De-greasing Area, Outdoor	175	200	225
C-6	Demonstration	750	800	850
C-7	Diesel Cleaning	300	350	400
C-8	Dining Room	500	550	600
D-1	Dining Room	900	1,000	1,100
D-2	Dispensary	45	50	55
D-3	Dispensary	75	100	125
D-4	Dispensary	150	200	250
D-5	Dispensary	400	450	500
D-6	Distribution & Control	200	250	300
D-7	Distribution & Control	400	450	500
D-8	Drying	300	350	400
E-1	Electronics Equipment	1,100	1,300	1,500
E-2	Ensemble	250	300	350
E-3	Facial	75	100	125
E-4	Fire Maze Building	1,000	1,100	1,200
E-5	Firing Range	2,200	2,400	2,600
E-6	Fitting	45	50	55

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(D) Related Spaces for Florida Colleges and State Universities

Alpha-Numeric Code	Related Space Name	Net Square Feet per Related Space Minimum	Normal	Maximum
E-7	Flight Simulator	400	450	500
E-8	Frame Machine	375	400	425
F-1	Freezer, Walk-in	40	50	60
F-2	Freezer, Walk-in	80	90	100
F-3	Fundamentals	850	900	950
F-4	Furnace	275	300	325
F-5	Garbage, Refrigerated	20	30	40
F-6	Graphics Production	550	600	650
F-7	Greenhouse	750	800	850
F-8	Grooming	45	50	55
F-8.1	Hologram Production	1,100	1,200	1,300
F-9	Hydraulics & Mechanical	1,200	1,300	1,400
G-1	Hydrotherapy	300	325	350
G-2	Hydrotherapy	500	550	600
G-3	Injector	170	180	190
G-4	Instruments	325	350	375
G-5	Isolation	45	50	55
G-6	Kiln	50	60	70
G-7	Kitchen	110	120	130
G-8	Laundry	45	50	55
G-9	Laser Alignment Tunnel	1,500	1,600	1,700
G-9.1	Laser Isolation Modules	2,200	2,400	2,600
H-1	Layout	200	225	250
H-2	Lens Finishing	400	500	600
H-3	Lens Making	400	500	600
H-4	Live Engines	800	900	1,000
H-5	Loading Dock	100	150	200
H-6	Lockers, Faculty	80	90	100
H-7	Lockers, Showers & Toilets, Faculty	110	120	130
H-8	Lockers, Student	100	125	150
I-1	Lockers, Student	175	200	225
I-2	Lockers, Student	300	350	400
I-3	Lockers, Showers & Toilets, Student	125	150	175
I-4	Lockers, Showers & Toilets, Student	200	225	250
I-5	Lockers, Showers & Toilets, Student	300	350	400
I-6	Maintenance	175	200	225
I-7	Maintenance & Calibration	650	700	750
I-8	Materials Testing	800	900	1,000

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(D) Related Spaces for Florida Colleges and State Universities

Alpha-Numeric Code	Related Space Name	Net Square Feet per Related Space Minimum	Normal	Maximum
J-1	Meteorology	300	350	400
J-2	Model Shop	500	550	600
J-3	Multipurpose Room	1,100	1,200	1,300
J-4	News	100	110	120
J-5	Observation	70	80	90
J-6	Oil Sets	250	275	300
J-7	Operations	300	350	400
J-8	Paint Vapor	175	200	225
K-1	Patient Area	600	750	900
K-2	Photogrammetry	850	900	950
K-3	Photography Laboratory	100	150	200
K-4	Photography Laboratory	400	500	600
K-5	Practice, Music (1/40 students)	50	60	70
K-6	Preparation	1,100	1,200	1,300
K-7	Print Finishing	300	350	400
K-8	Production Control	150	175	200
L-1	Program Control	150	175	200
L-2	Prop Production & Storage	500	600	700
L-2.1	Receiving	550	600	650
L-3	Reception	75	100	125
L-4	Reception	175	200	225
L-5	Reception	275	300	325
L-6	Recording Booth	65	70	75
L-7	Reference	90	100	110
L-8	Reference	125	150	175
M-1	Reference	225	250	275
M-2	Reference	300	350	400
M-3	Refracting	350	400	450
M-4	Refrigerator, Walk-in	50	60	70
M-5	Refrigerator, Walk-in	90	100	110
M-6	Refrigerator, Walk-in	125	135	145
M-7	Reproduction	120	140	160
M-8	Reproduction	175	200	225
N-1	Restoration	700	800	900
N-2	Sauna	60	70	80
N-3	Scrub Area	90	100	110
N-4	Serving Line	80	90	100

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(D) Related Spaces for Florida Colleges and State Universities

Alpha-Numeric Code	Related Space Name	Net Square Feet per Related Space Minimum	Normal	Maximum
N-5	Shower, Emergency	20	25	30
N-6	Showers, Student	125	150	175
N-7	Showers, Student	200	225	250
N-8	Soils & Concrete	800	900	1,000
O-1	Spray	175	200	225
O-2	Spray	350	400	450
O-3	Spray	550	600	650
O-4	Spray	700	800	900
O-5	Steam	60	80	100
O-6	Sterilization	60	80	100
O-7	Sterilization	125	150	175
O-8	Storage, Dry Foods	175	200	225
O-9	Storage, Equipment	250	300	350
P-1	Storage, Flammable	60	70	80
P-2	Storage, Flammable	150	175	200
P-3	Storage, Instrument	300	400	500
P-4	Storage, Material	65	75	85
P-5	Storage, Material	85	100	115
P-6	Storage, Material	135	150	165
P-7	Storage, Material	175	200	225
P-8	Storage, Material	225	250	275
Q-1	Storage, Material	275	300	325
Q-2	Storage, Material	325	350	375
Q-3	Storage, Material	375	400	425
Q-4	Storage, Material	450	500	550
Q-5	Storage, Material	550	600	650
Q-6	Storage, Material	650	700	750
Q-7	Storage, Material	750	800	850
Q-8	Storage, Material	850	900	950
Q-9	Storage, Machinery	1,000	1,100	1,200
R-1	Storage, Outdoor	50	75	100
R-2	Storage, Paint	40	50	60
R-3	Storage, Project	90	100	110
R-4	Storage, Project	130	150	170
R-5	Storage, Project	170	200	230
R-6	Storage, Project	235	275	315
R-7	Storage, Project	350	400	450
R-8	Storage, Robe	50	60	70

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(D) Related Spaces for Florida Colleges and State Universities

Alpha-Numeric Code	Related Space Name	Net Square Feet per Related Space Minimum	Normal	Maximum
S-1	Storage, Student	25	30	35
S-2	Storage, Student	40	50	60
S-3	Storage, Tool	85	100	115
S-4	Storage, Tool	135	150	165
S-5	Storage, Tool	175	200	225
S-6	Storage, Tool	225	250	275
S-7	Storage, Tool	275	300	325
S-8	Storage, Tool	325	350	375
T-1	Storage, Tool	375	400	425
T-2	Storage, Tool	450	500	550
T-3	Storage, Uniform	50	60	70
T-4	Studio	150	200	250
T-5	Studio	350	400	450
T-6	Studio	1,000	1,200	1,400
T-7	Surgical Operations	1,100	1,200	1,300
T-8	Systems, Overhead	600	700	800
T-9	Teaching Auditorium	600	800	1,000
U-1	Technical Laboratory	800	900	1,000
U-2	Telemetry Operations	900	1,000	1,100
U-3	Testing	250	300	350
U-3.1	Testing	750	900	1,050
U-4	Test Cell	100	125	150
U-5	Test Cell	175	200	225
U-6	Textiles	50	60	70
U-7	Toilet, Patient	50	75	100
U-8	Toilet, Student	25	35	45
V-1	Toilet, Student	50	75	100
V-2	Toilet & Bath, Student	75	100	125
V-3	X-ray	125	135	145

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(E) Public Broadcasting Stations

Level	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.
	PUBLIC BROADCASTING SPACE				
	a. Administration				
All	Station Manager/Media Director Office	1	160	175	185
All	General Office/Sec.	1	95	100	105
All	Assist. Station Manager Admin. & Dev. Office	1	110	115	120
All	Admin. Asset - Grants Mgt. & Budgeting	1	110	115	120
All	Conference	Per Occupant X	15	17	20
All	Business Office	1	110	115	120
All	Reception - Public Areas	Number to be Seated	15	17	20
All	Office Supplies Storage	0	15	17	20
All	Staff Lounge	Per Occupant X	10	12	14
All	Director of Engineering	1	140	150	160
All	Public Restrooms - Male Public Restrooms - Female	Design Capacity			
	b. Television Programming				
All	Program Director's Office	1	110	150	160
All	Program Office Area	Per Occupant X	95	100	105
All	Traffic	Per Occupant X	95	100	105
All	Program File and Teletype Room	0	95	100	105
All	Continuity Coordinator	1	95	100	105
All	Videotape and Film Review	1	225	250	275
All	Instructional Television Programming	1	110	115	120
	c. Television Program Development				
All	Executive Producer's Office	1	110	115	120
All	Special Projects Office	1	95	110	105
All	Writer's/Producer's Offices	Per Occupant X	140	150	160
All	IT/Film Office	Per Occupant X	140	150	160
All	Research Assistant's Office	1	95	100	105
All	Conference	Per Occupant X	15	17	20
All	General Office/Sec.	1	95	100	105

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(E) Public Broadcasting Stations

Level	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.
	d. Television Production Operations				
All	Studio Manager	1	110	115	120
All	Preproduction Conference				
	Crew Ready Room	Per Occupant X	40	45	50
	Photographic/Mini-Mote Equipment Storage (High Security)	0	95	100	105
	e. Photographic Services				
All	Cinematographers Cubicles	Per Occupant X	40	45	50
All	Photo Production	0	140	150	160
All	Film and Slide Library	0	200	210	220
All	Photo Supplies Storage	0	25	30	35
All	Photo Dark Room (Process and Drying)	0	140	150	160
All	Film Editing	0	110	115	120
	f. Graphic Arts				
All	Graphic Arts Storage	0	40	45	50
All	Graphic Arts Studio	Per Occupant X	155	165	175
	g. Television Production				
All	Dressing Areas - Male				
	Dressing Area - Female	0	140	145	150
All	Observation Room/Artists'				
	Waiting and Assembly Area	0	480	500	525
All	Large Studio	0	2,700	2,800	2,900
All	Small Studio	0	1,900	2,000	2,100
All	Mini Storage	0	280	300	320
All	Studio Control Rooms (Video and Audio)	0	140	150	160
All	Announcer's Booths	0	55	60	65
All	Studio Support (Storage and Workshops)	0	400	425	450
All	Audio Production	0	110	115	120
All	Director's Offices	Per Occupant X	110	115	120

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(E) Public Broadcasting Stations

Level	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.
	h. Television Communications				
All	Director of Communications Office	1	150	160	170
All	Assistant to Director of Communications Office	1	95	100	105
All	General Office/Sec.	1	95	100	105
All	Duplicating	0	95	100	105
	i. Radio and Television Engineering				
All	Director of Engineering Office	1	140	150	160
All	Assistant Chief Engineer-Operations	1	95	100	105
All	Assistant Chief Engineer-Design/Installation	1	95	100	105
All	Engineering Clerk	1	95	100	105
All	Drafting and Design	0	95	100	105
All	Technical Library and Staff Training	1	280	300	320
All	Master Control	Per Occupant X	300	400	420
All	Telecine	1	780	800	820
All	Video Tape Recorder Room	Per Occupant X	380	400	420
All	Video Tape Editing and Dubbing	Per Occupant X	280	300	320
All	Video Tape Vault	0	580	600	620
All	Microwave Equipment Room	0	180	200	220
All	Mobile Unit Storage/Maintenance	0	825	860	900
All	Engineering Shop	Per Occupant X	180	200	220
All	Parts Storage	0	180	200	220
All	Restrooms−Locker - Male Restrooms−Lockers - Female Smoking Lounge - Male Smoking Lounge - Female	0	380	400	420
All	Outside Work/Storage	0	380	400	420

SIZE OF SPACE AND OCCUPANT DESIGN CRITERIA TABLE

(E) Public Broadcasting Stations

Level	Facility Space Name	Recommended Occupants	NSF/Occupant Min.	Norm	Max.
	j. Radio				
All	Station Manager	1	140	150	160
All	Program Director	1	140	150	160
All	News Director	1	120	130	140
All	Public and Community Affairs Director	Per Occupant X	95	100	105
All	Development & Station Relations	Per Occupant X	95	100	105
All	Production Manager	1	95	100	105
All	Engineering Office	1	120	130	140
All	Reception	1	180	200	220
All	General Office/Sec.	Per Occupant X	95	100	105
All	Volunteer and Intern Staff	Per Occupant X	50	52	55
All	Conference Room	Per Occupant X	15	17	20
All	Master Control Room	1	215	225	235
All	Control B	0	95	100	105
All	Control C	0	95	100	105
All	Studios	0	400	600	800
All	Stand-up Studio and Control	0	95	100	105
All	Engineering Shop	Per Occupant X	95	100	105
All	Networking and Recording and Satellite Control	0	75	80	85
All	SCA	1	75	80	85
All	Record Library	1	140	150	160
All	Tape Library	0	225	250	275
All	Audition Listening Rooms	0	45	50	55
All	Graphic Production	0	75	80	85
All	Office Storage	0	55	60	65
All	Equipment Storage	0	75	80	85
All	Control Operator's Warehouse	0	35	40	45
All	Restrooms - Male Restrooms - Female	Design Capacity			
	k. General Services				
All	Shipping/Receiving/Mailing	1	240	250	260
All	Custodial Storage	0	350	375	400
All	Public Restrooms - Male Public Restrooms - Female	Design Capacity			
All	Staff Training	1	580	600	630

SPACE UTILIZATION AND SPACE NEEDS GENERATION FACTORS, FORMULAS AND STANDARDS FOR FLORIDA COLLEGES. The purpose of this section is to provide space utilization and space needs generation factors, formulas and standards for use by Florida college boards when planning new and evaluating existing educational, auxiliary and ancillary facilities. It may be used for determining space needs, developing program facility lists, conducting educational plant surveys, writing survey recommendations, developing educational specifications, recording facilities inventory data and conducting space utilization studies.

(A) SPACE UTILIZATION FOR INSTRUCTIONAL SPACE CATEGORIES

UTILIZATION FACTORS		DEFINITIONS
1.	WRH	Weekly room hours
2.	RUR	Room utilization rate
3.	SOR	Student station occupancy rate
4.	COFTE	Capital outlay full-time equivalent student enrollment
5.	WSH/COFTE	Average weekly student hours per COFTE
6.	UI	Utilization index
7.	UIR	Utilization index reciprocal
8.	SS	Student stations

UTILIZATION FORMULAS

1. $\frac{\text{WRH x RUR x SOR}}{\text{WSH/COFTE}} = \text{UI}$ 2. $\frac{1.00}{\text{UI}} = \text{UIR}$

3. UI x SS = COFTE 4. UIR x COFTE = SS

I. CLASSROOM UTILIZATION STANDARDS

1. WRH = 40
2. RUR = 1.00
3. SOR = 0.60
4. COFTE = All COFTE (including nonvocational and vocational)
5. WSH/COFTE = 12
6. UI = 2.00
7. UIR = 0.50

USING THE CLASSROOM UTILIZATION FORMULAS

The classroom utilization index of 2.00, multiplied by a given number of classroom student stations, indicates the number of COFTE students the resulting number of classroom stations will accommodate.

The classroom utilization index reciprocal of 0.50, multiplied by a given number of COFTE students, indicates the number of classroom student stations needed to accommodate that number of COFTE.

II. NONVOCATIONAL LABORATORY UTILIZATION STANDARDS

1. WRH = 30
2. RUR = 1.00
3. SOR = 0.80
4. COFTE = Nonvocational COFTE
5. WSH/COFTE = 6
6. UI = 4.00
7. UIR = 0.25

USING THE NONVOCATIONAL LABORATORY UTILIZATION FORMULAS

The nonvocational laboratory utilization index of 4.00, multiplied by a given number of nonvocational laboratory student stations, indicates the number of nonvocational COFTE students the resulting number of laboratory stations will accommodate.

The nonvocational laboratory utilization index reciprocal of 0.25, multiplied by a given number of nonvocational COFTE students, indicates the number of nonvocational laboratory student stations needed to accommodate that number of COFTE.

III. VOCATIONAL LABORATORY UTILIZATION STANDARDS

1. WRH = 30
2. RUR = 1.00
3. SOR = 0.80
4. COFTE = Vocational COFTE
5. WSH/COFTE = 12
6. UI = 2.00
7. UIR = 0.50

USING THE VOCATIONAL LABORATORY UTILIZATION FORMULAS

The vocational laboratory utilization index of 2.00, multiplied by a given number of vocational laboratory student stations, indicates the number of vocational COFTE students that number of laboratory stations will accommodate.

The vocational laboratory utilization index reciprocal of 0.50, multiplied by a given number of vocational COFTE students, indicates the number of vocational laboratory student stations needed to accommodate that number of COFTE.

(B) SPACE NEEDS GENERATION FOR INSTRUCTIONAL SPACE CATEGORIES

GENERATION FACTORS	DEFINITIONS
1. WRH	Weekly room hours
2. RUR	Room utilization rate
3. SOR	Student station occupancy rate
4. COFTE	Capital outlay full-time equivalent student enrollment
5. WSH/COFTE	Average weekly student hours per COFTE
6. NSF	Net square feet
7. SS	Student stations
8. NSF/SS	Average net square feet per student station (including classroom or laboratory space and related spaces)
9. NSF/COFTE	Net square feet per COFTE

NEEDS GENERATION FORMULAS

1. $\frac{\text{NSF/SS}}{\text{WRH x RUR x SOR}}$ x WSH/COFTE = NSF/COFTE

2. NSF/COFTE x COFTE = NSF

I. CLASSROOM NEEDS GENERATION STANDARDS

1. WRH = 40
2. RUR = 1.00
3. SOR = 0.60
4. COFTE = All COFTE (including nonvocational and vocational)
5. WSH/COFTE = 12
6. NSF/SS = 27
7. NSF/COFTE = 13.50

USING THE CLASSROOM NEEDS GENERATION FORMULAS

The classroom NSF/COFTE of 13.50, multiplied by the number of COFTE for a given site, indicates the approximate total amount of NSF in the classroom space category needed to accommodate the COFTE at that site.

II. NONVOCATIONAL LABORATORY NEEDS GENERATION STANDARDS

1. WRH = 30
2. RUR = 1.00
3. SOR = 0.80
4. COFTE = Nonvocational COFTE
5. WSH/COFTE = 6
6. NSF/SS = 55
7. NSF/COFTE = 13.75

USING THE NONVOCATIONAL LABORATORY NEEDS GENERATION FORMULAS

The nonvocational laboratory NSF/COFTE of 13.75, multiplied by the number of nonvocational COFTE for a given site, indicates the approximate total amount of NSF in the nonvocational laboratory space category needed to accommodate the nonvocational COFTE at that site.

III. VOCATIONAL LABORATORY NEEDS GENERATION STANDARDS

1. WRH = 30
2. RUR = 1.00
3. SOR = 0.80
4. COFTE = Vocational COFTE
5. WSH/COFTE = 12
6. NSF/SS = 137
7. NSF/COFTE = 68.50

USING THE VOCATIONAL LABORATORY NEEDS GENERATION FORMULAS

The vocational laboratory NSF/COFTE of 68.50, multiplied by the number of vocational COFTE for a given site, indicates the approximate total amount of NSF in the vocational laboratory space category needed to accommodate the vocational COFTE at that site.

(C) SPACE NEEDS GENERATION FOR OTHER TYPES OF SPACE

Methods used to generate needs for noninstructional space categories include one or a combination of the following factors: minimum allowance, allotment per enrollment and percentage of other types of space.

GENERATION FACTORS	DEFINITIONS
1. MIN	Minimum allowance
2. NSF/COFTE	Allotment per enrollment
3. % NSF	Percentage of other types of space

ABBREVIATIONS	TYPES OF SPACE
1. CR	Classroom space category
2. NL	Nonvocational Laboratory space category
3. VL	Vocational Laboratory space category
4. L/S	Library/Study space category
5. AV	Audio-visual space category
6. A/E	Auditorium/Exhibition space category
7. StuS	Student Services space category
8. PE	Physical Education space category
9. Ofc	Office space category
10. SupS	Support Services space category
11. SSF	Student Sanitation Facilities
12. PSF	Staff and public sanitation facilities
13. CF	Custodial facilities
14. EqpF	Electrical, mechanical and HVAC equipment facilities
15. NtoG	Net-to-gross square footage difference, for general circulation, interior and exterior walls, open malls and roof overhangs

NEEDS GENERATION FORMULAS

1. L/S = MIN + (NSF/COFTE x COFTE)
2. AV = % NSF (CR + NL + VL)
3. A/E = MIN + (NSF/COFTE x COFTE)
4. StuS = NSF/COFTE x COFTE
5. PE = MIN + (NSF/COFTE x COFTE)
6. Ofc = NSF/COFTE x COFTE
7. SupS = % NSF (CR + NL + VL + L/S AV + A/E + StuS + PE + Ofc)
8. SSF = NSF/COFTE x COFTE
9. PSF = NSF/COFTE x COFTE
10. CF = NSF/COFTE x COFTE
11. EqpF = % NSF (CR + NL + VL + L/S + AV + A/E + StuS + PE + Ofc + SupS + SSF + PSF + CF)
12. NtoG = % NSF (CR + NL + VL + L/S + AV + A/E + StuS + PE + Ofc + SupS + SSF + PSF + CF + EqpF)

Note: The generation of needs for certain space categories requires strict compliance with the legal definitions of “campus,” “center” and “special purpose center.” A campus, center or special purpose center must have been established and designated as such by the State Board of Education.

IV. LIBRARY/STUDY NEEDS GENERATION STANDARDS

Library/study space needs are based on a minimum allowance, by type of site and size of enrollment, plus an allotment per specified enrollment.

1. For a campus or center officially established and designated by the State Board of Education with 1,000 or less COFTE, the standards are a minimum of 2,100 NSF, plus 10 NSF for each COFTE.
2. For a campus or center officially established and designated by the State Board of Education with more than 1,000 COFTE, the standards are a minimum of 12,100 NSF, plus 11 NSF for each additional COFTE greater than 1,000.
3. For a special purpose center officially established and designated by the State Board of Education the standards are no minimum allowance, but 10 NSF per COFTE.

USING THE LIBRARY/STUDY NEEDS GENERATION FORMULA

1. For a campus or center with 1,000 or less COFTE: the minimum allowance of 2,100 NSF, plus 10 NSF times the number of COFTE, indicates the total amount of NSF in the library/study space category needed at that site.
2. For a campus or center with more than 1,000 COFTE: the minimum allowance of 12,100 NSF, plus 11 NSF times the number of COFTE above 1,000, indicates the total amount of NSF in the library/study space category needed at that site.
3. For a special purpose center: 10 NSF times the number of COFTE, indicates the total amount of NSF in the library/study space category needed at that site.

V. AUDIO-VISUAL NEEDS GENERATION STANDARDS

Audio-visual space needs are based on a percentage of the three instructional types of space. The standard is five percent of the total space needs generated for the classroom, nonvocational laboratory and vocational laboratory space categories.

USING THE AUDIO-VISUAL NEEDS GENERATION FORMULA

The total amount of NSF needed for the classroom, nonvocational laboratory and vocational laboratory space categories at a given site, multiplied by 0.05, indicates the total amount of NSF in the audio-visual space category needed at that site.

VI. AUDITORIUM/EXHIBITION NEEDS GENERATION STANDARDS

Auditorium/exhibition space needs are based on a minimum allowance for the first enrollment, by type of site, plus an allotment per additional enrollment.

1. For a campus officially established and designated by the State Board of Education the standard is a minimum of 10,000 NSF for the first 2,000 COFTE, plus 3 NSF for each additional COFTE greater than 2,000.

2. For a center officially established and designated by the State Board of Education the standard is a minimum of 5,000 NSF for the first 1,000 COFTE, plus 3 NSF for each additional COFTE greater than 1,000.
3. For a special purpose center officially established and designated by the State Board of Education the standard is 3 NSF per COFTE (no minimum allowance).

USING THE AUDITORIUM/EXHIBITION NEEDS GENERATION FORMULA

1. For a campus: the minimum allowance of 10,000 NSF for the first 2,000 COFTE, plus 3 NSF times the number of COFTE above 2,000, indicates the total amount of NSF in the auditorium/exhibition space category needed at that campus.
2. For a center: the minimum allowance of 5,000 NSF for the first 1,000 COFTE, plus 3 NSF times the number of COFTE above 1,000, indicates the total amount of NSF in the auditorium/exhibition space category needed at that center.
3. For a special purpose center: 3 NSF times the number of COFTE, indicates the total amount of NSF in the auditorium/exhibition space category needed at that special purpose center.

VII. STUDENT SERVICES NEEDS GENERATION STANDARDS

Student services space needs are based on an allotment per enrollment. The standard is 7.50 NSF for each COFTE.

USING THE STUDENT SERVICES NEEDS GENERATION FORMULA

The number of COFTE for a given site, multiplied by the enrollment allotment of 7.50 NSF, indicates the total amount of NSF in the student services space category needed at that site.

VIII. PHYSICAL EDUCATION NEEDS GENERATION STANDARDS

Physical education space needs are based on a minimum allowance for the first enrollment, by type of site, plus an allotment per additional enrollment.

1. For a campus officially established and designated by the State Board of Education the standard is a minimum of 20,000 NSF for the first 2,000 COFTE, plus 5 NSF for each additional COFTE greater than 2,000.
2. For a center officially established and designated by the State Board of Education the standard is a minimum of 10,000 NSF for the first 1,000 COFTE, plus 5 NSF for each additional COFTE greater than 1,000.
3. For a special purpose center officially established and designated by the State Board of Education the standard is 5 NSF per COFTE (no minimum allowance).

USING THE PHYSICAL EDUCATION NEEDS GENERATION FORMULA

1. For a campus: the minimum allowance of 20,000 NSF for the first 2,000 COFTE, plus 5 NSF times the number of COFTE above 2,000, indicates the total amount of NSF in the physical education space category needed at that campus.
2. For a center: the minimum allowance of 10,000 NSF for the first 1,000 COFTE, plus 5 NSF times the number of COFTE above 1,000, indicates the total amount of NSF in the physical education space category needed at that center.
3. For a special purpose center: 5 NSF times the number of COFTE, indicates the total amount of NSF in the physical education space category needed at that special purpose center.

IX. OFFICE NEEDS GENERATION STANDARDS

Office space needs are based on one allotment per enrollment for each site and a second allotment per enrollment for districtwide administration.

1. For each campus, center or special purpose center, the standard is 12.50 NSF per COFTE assigned to the site, for office facilities to accommodate the faculty, staff, administrators and student offices assigned to that site.
2. For districtwide administration, the standard is 3.00 NSF per total collegewide COFTE, for office facilities to accommodate districtwide administrators and staff located at the central district administrative site.

USING THE OFFICE NEEDS GENERATION FORMULA

1. For a campus, center or special purpose center: the number of COFTE for the site, multiplied by the enrollment allotment of 12.50 NSF, indicates the total amount of NSF needed at that site for office facilities.
2. For districtwide administration: the total collegewide COFTE, multiplied by the enrollment allotment of 3.00 NSF, indicates the total amount of NSF needed at a central site for districtwide administrative office facilities.

X. SUPPORT SERVICES NEEDS GENERATION STANDARDS

Support services space needs are based on a percentage of the nine previous types of space. The standard is five percent of the total space needs generated for the classroom, nonvocational laboratory, vocational laboratory, library/study, audio-visual, auditorium/exhibition, student services, physical education and office space categories.

USING THE SUPPORT SERVICES NEEDS GENERATION FORMULA

The total amount of NSF needed for the classroom, nonvocational laboratory, vocational laboratory, library/study, audio-visual, auditorium/exhibition, student services, physical education, and office space categories at a given site, multiplied by 0.05, indicates the total amount of NSF in the support services space category needed at that site.

XI. NONASSIGNABLE SPACE NEEDS GENERATION STANDARDS

Nonassignable space needs are based on an allotment per enrollment or a percentage of other types of space.

1. Student sanitation facilities space needs are based on an allotment per enrollment. The standard is 1.50 NSF for each COFTE.
2. Staff and public sanitation facilities space needs are based on an allotment per enrollment. The standard is 0.25 NSF for each COFTE.
3. Custodial facilities space needs are based on an allotment per enrollment. The standard is 1.10 NSF for each COFTE.
4. Electrical, mechanical, HVAC equipment facilities space needs are based on a percentage of the previous 13 types of space. The standard is six percent of the total space needs generated for the classroom, nonvocational laboratory, vocational laboratory, library/study, audio-visual, auditorium/exhibition, student services, physical education, office and support services space categories and for the student sanitation, staff and public sanitation and custodial facilities.
5. Net-to-gross square footage difference space needs (for general circulation, interior and exterior walls, open malls and roof overhangs) are based on a percentage of the previous 14 types of space. The standard is 34 percent of the total space needs generated for the classroom, nonvocational laboratory, vocational laboratory, library/study, audio-visual, auditorium/exhibition, student services, physical education, office and support services space categories and for the student sanitation, staff and public sanitation, custodial, and electrical, mechanical and HVAC equipment facilities.

USING THE NONASSIGNABLE NEEDS GENERATION FORMULAS

1. For student sanitation facilities: the number of COFTE for a given site, multiplied by the enrollment allotment of 1.50 NSF, indicates the total amount of NSF in student sanitation facilities needed at that site.
2. For staff and public sanitation facilities: the number of COFTE for a given site, multiplied by the enrollment allotment of 0.25 NSF, indicates the total amount of NSF in staff and public sanitation facilities needed at that site.
3. For custodial facilities: the number of COFTE for a given site, multiplied by the enrollment allotment of 1.10 NSF, indicates the total amount of NSF in custodial facilities needed at that site.
4. For electrical, mechanical, HVAC equipment facilities: the total amount of NSF needed for the classroom, nonvocational laboratory, vocational laboratory, library/study, audio-visual, auditorium/ exhibition, student services, physical education, office and support services space categories, plus the total amount of NSF needed for student sanitation, staff and public sanitation and custodial facilities at a given site, multiplied by 0.06, indicates the total amount of NSF needed at that site for electrical, mechanical and HVAC equipment facilities.
5. For the net-to-gross square footage difference (for general circulation space, interior and exterior walls, open malls and roof overhangs): the total amount of NSF needed for the classroom, nonvocational laboratory, vocational laboratory, library/study, audio-visual, auditorium/exhibition, student services, physical education, office and support services space categories, plus the total amount of NSF needed for student sanitation, staff and public sanitation, custodial, and electrical, mechanical and HVAC equipment facilities at a given site, multiplied by 0.34, indicates the total

amount of square footage needed at that site for general circulation space, interior and exterior walls, open malls and roof overhangs (the “net-to-gross difference”).

SPACE CATEGORIES FOR FLORIDA COLLEGES. The purpose of this section is to define the space categories used by Florida college boards when planning new and evaluating existing educational, auxiliary, and ancillary facilities. Each space category is comprised of a different set of similar type spaces. Each individual type of space may be described by its design and the function or activity assigned to it. These characteristics are identified by room-use code and information classification structure (ICS) code.

(A) SPACE CATEGORIES BY ROOM-USE CODE AND INFORMATION CLASSIFICATION STRUCTURE CODE

SPACE GROUPS: SPACE CATEGORIES	FACILITIES INVENTORY CRITERIA: ROOM-USE CODES	ICS CODES
Instructional:		
1. Classroom	110, 115, 120, 125	All
2. Nonvocational Laboratory	210, 215, 220, 225, 570, 575, 580, 585	1.XX, except 1.2X
3. Vocational Laboratory	210, 212, 215, 220, 225, 570, 575, 580, 585	1.2X
Instructional Support:		
4. Library/Study	240, 245, 410, 420, 430, 440, 455	All
5. Audio-visual	530, 535	All
6. Auditorium/Exhibition	610, 615, 620, 625	All
Student Support:		
7. Student Services	630, 635, 650, 655, 660, 665, 670, 675, 680, 685, 690, 810, 815, 820, 830, 835, 840, 845, 850, 855, 860, 865, 870, 880, 890, 895	5.XX
8. Physical Education	520, 523, 525	All
Institutional Support:		
9. Office	310, 315, 350, 355	All

SPACE GROUPS: SPACE CATEGORIES	FACILITIES INVENTORY CRITERIA: ROOM-USE CODES	ICS CODES
10. Support Services	570, 575, 580, 585	7.XX
	630, 635, 640, 645, 650, 655, 660, 665, 670, 675, 680, 685, 690, 810, 815, 820, 830, 835, 840, 845, 850, 855, 860, 865, 870, 880, 890, 895	All, except 5.XX
	710, 715, 720, 725, 730, 735, 740, 745, 750, 755, 760, 765	All
Other Facilities:		
11. Residential	910, 919, 920, 935, 950, 955, 970	All
12. Other Assignable		
Laboratory	210, 215, 220, 225	All, except 1.XX
	212	All, except 1.2X
Armory	510, 515	All
Clinic (nonhealth)	540, 545	All
Demonstration	550, 555	All
Field Building	560	All
Animal Quarters	570, 575	All, except 1.XX and 7.XX
Greenhouse	580, 585	All, except 1.XX and 7.XX
Other	590	All
All invalid codes	All	
13. Nonassignable		
Custodial	010	All
Circulation	020	All
Mechanical/Sanitation	030	All
Structural	040	All
Joint-Use Rooms Used by Visitors	050	All
Unsatisfactory Classroom	001	All
Unsatisfactory Laboratory	002	All
Unsatisfactory Other	003	All

GUIDELINES AND LEGAL REQUIREMENTS FOR CONDUCTING AND REPORTING EDUCATIONAL PLANT SURVEYS FOR FLORIDA COLLEGES. The purpose of this section is to provide guidelines for use by Florida College System institution Boards when conducting and reporting educational plant surveys. The information is specific to comprehensive 5-year surveys, but also applies to survey amendments.

THE EDUCATIONAL PLANT SURVEY

An educational plant survey is a systematic study of existing educational and ancillary plants and the determination of future needs, for the purpose of providing an appropriate educational program and services for each student. [See section 1013.01(8), F.S., and SREF, section 1.2(29).]

The reason for a survey is to formulate plans for housing the educational programs, student population, faculty, administrators, staff and auxiliary and ancillary services of the Florida college district. The objective of the comprehensive fixed capital outlay plan is to propose a building program for the college for a period of five years. [See section 1013.31(1), F.S., and SREF, section 3.1.]

OVERSIGHT RESPONSIBILITY

At least every five years, each Florida college Board is responsible for arranging an educational plant survey for its college. The survey is conducted by the Board or an agency employed by the Board. [See sections 1013.31(1)(a), 1001.64(34), and 1013.40(1), F.S., and SREF, section 3.1.]

The survey report is reviewed and approved by the Board, then it is submitted to the Office electronically through EFIS for approval. [See section 1013.31(1)(a), F.S., and SREF, section 3.1.]

Staff of the Office review and validate surveys, as submitted by Boards, for compliance with chapter 1013, F.S., and SREF. Surveys that do not comply are returned to the Boards for revision and resubmission. If funds provided by section 9(d), Article XII, of the Constitution of the State of Florida, as amended, are to be used, surveys must be recommended to the Office for approval. [See sections 1013.03(10) and 1013.31(1)(c), F.S.]

CONDUCTING AND REPORTING SURVEYS

(A) COLLEGE SITES

The survey is conducted for the official sites of the college; all other sites are excluded. Sites that existed prior to December 1989 must have been authorized and recognized by the State, at that time, as a campus, center, or special purpose center. Sites that have been founded since December 1989 must have been established and designated as a campus, center or special purpose center by the State Board of Education. Sites that have been elevated from a special purpose center to a center, or from a center to a campus, must be accounted for.

The Department of Education maintains a statewide facilities inventory database. Each college is responsible for keeping its own data current and correct. In the database, site types must be coded according to their legal designation. In the survey report, each site is described by its number, name, type, date established, address, acreage and the number and type of facilities it contains. Throughout the report, a site is referred to by its number and name.

[See sections 1013.01(20); 1013.03(10)(a)2.; 1013.31(1)(a); 1013.31(1)(b)3., and 1013.31(1)(c), F.S.; and SREF, sections 1.2(81) and 3.1(1).]

(B) DETERMINATION OF NEEDS

The survey involves developing a program facility list, or model of space needs, for each official site. The process for determining space needs uses student enrollment projections, space needs generation formulas, space utilization formulas, educational program information and size of space and occupant design criteria.

1. Student Enrollment Projections

The Department of Education annually prepares statewide capital outlay full-time equivalent (COFTE) student enrollment projections for nonvocational, vocational and total students, by site and by college.

The survey report includes a table that shows the nonvocational, vocational and total COFTE for the college, for each of the five years of the survey. The fiscal year in which the survey is conducted, known as the "base year," is not part of the table. The succeeding five fiscal years comprise the five-year period of the survey. The last of the five years is called the "out-year."

The survey report includes a second table that shows the nonvocational, vocational and total COFTE for each site, and the percentage of the college total COFTE that is the site total COFTE for the out-year of the survey. Throughout the report, the out-year COFTE projections for a site are included in the program facility list, the student stations summary table, and the space category aggregate square footage summary table for that site.

2. Space Needs Generation Formulas

There is a space needs generation formula for each assignable space category and nonassignable type of facilities. For each site, the formulas are calculated using the appropriate factors—COFTE, minimum allowance, allotment per enrollment, percentage of other types of space—and the proper standards, by site type, to find the aggregate amounts of square feet in the different space categories and nonassignable facilities needed at that particular site.

In the survey report, the aggregate amounts of square feet, by space category and nonassignable type of facilities, are included in the program facility list and the space category aggregate square footage summary table for each site. There are two exceptions: the aggregate amounts of square feet needed for the nonvocational laboratory and vocational laboratory space categories are determined by the actual number of student stations and the specific instructional programs for the category, not by the space needs generation formulas.

3. Space Utilization Formulas

There is a space utilization formula for each of the three instructional space categories. For each educational site, the COFTE projections are applied to the space utilization formulas to determine the

numbers of classroom, nonvocational laboratory and vocational laboratory student stations needed to accommodate the COFTE at that site. In the survey report, these numbers of stations are included in the program facility list and the student stations summary table for the site.

4. Educational Program Information

The numbers of stations are used in conjunction with the educational program information. The number of nonvocational stations needed at a site is distributed among the nonvocational laboratory programs located there, and the number of vocational stations needed is distributed among the vocational laboratory programs.

The Board is responsible for deciding which programs are offered by the college and where they are taught. For each educational site, the survey report includes a listing of the nonvocational and the vocational programs approved by the Board. These listings identify which program laboratories are eligible to be included in the program facility lists.

In addition to Board approval, all vocational programs in the listings must have been approved by the Division of Career and Adult Education, Department of Education. The Division must have documented the need to continue existing and to add new career, vocational and/or adult educational programs, before any survey recommendations related to such programs may be made.

5. Size of Space and Occupant Design Criteria

For educational sites, nonvocational and vocational program laboratories and related spaces are selected from the size of space and occupant design criteria tables contained in SREF, section 6.1. Choices are based on numbers of student stations needed, educational program information and viable program laboratories that already exist. The laboratories and related spaces are included in the program facility list for the site that is presented in the survey report.

[See sections 1013.01(13); 1013.03(1), (2), and (10)(a)2.; 1013.31(1)(a) and (b)3., and 1001.64(6), F.S.; and SREF, sections 1.2(57), (58), (86), (87), (88); 3.1(1)(c) and (d); and 6.1.]

(C) EXISTING EDUCATIONAL AND ANCILLARY PLANTS

The survey requires studying and evaluating the existing educational and ancillary plants of the college. As stated earlier, the Department of Education maintains a facilities inventory database that contains information about every site, facility, building and room of the college. The college is responsible for making sure all the information in its database is current and correct at the time of the survey.

The survey report contains a table for each site that lists the facilities owned or leased for 40 or more years on that site. Each facility is described by its number, name, type, status and condition. For each facility that is a building, the numbers of satisfactory classroom, nonvocational laboratory and vocational laboratory student stations, and the building area, in assignable net square feet and gross square feet, also are given. Throughout the report, a facility is referred to by its number and name.

The survey report contains a table for each site in which net changes in student stations and space category square feet from a satisfactory to an unsatisfactory condition are reported. The table displays the aggregate numbers of satisfactory and unsatisfactory student stations for the classroom, nonvocational laboratory and vocational laboratory space categories existing at the time of the current survey; existing at the time of the previous 5-year survey and the difference between the two numbers. The table also shows the aggregate amounts of satisfactory and unsatisfactory square feet for each of the 10 assignable space categories existing at the time of the current survey, existing at the time of the previous 5-year survey and the difference between the two amounts. Whenever the number of unsatisfactory student stations or the amount of unsatisfactory square feet has increased since the previous survey, the table also must include an explanation and justification for the increase.

The aggregate numbers of existing satisfactory student stations for the classroom, nonvocational laboratory and vocational laboratory space categories also are included in the student stations summary table for each educational site. Likewise, the aggregate amounts of existing satisfactory square feet for each of the 10 assignable space categories are included in the space category aggregate square footage summary table for each site.

[See sections 1013.01(1), (2), (6), (7),(16), (19) and (20); 1013.03(3), and (10)(a)2.; and 1013.31(1)(a) and (b)3., F.S.; and SREF, sections 1.2(36),(46),(77), (86), (87), (88), and 3.1(1)(a).]

(D) COMPREHENSIVE FIXED CAPITAL OUTLAY PLAN

The survey compares the existing educational and ancillary plants against the determination of future needs. This comparison guides the formation of recommendations to resolve the differences. The survey report includes a list of written recommendations for each site. All of the recommendations together comprise the comprehensive fixed capital outlay plan for the college.

Because the survey produces the plan for fixed capital outlay, the types of recommendations it contains are limited to: site acquisition, site development, site improvement, remodeling, renovation and new construction. By definition, fixed capital outlay means real property—specifically, land, buildings, structures, their appurtenances and fixed equipment. It includes acquisition and construction of real property; additions, remodeling and renovations to real property that materially extend its useful life or materially improve or change its functional use and the furnishings and equipment necessary to furnish and operate a new or improved facility.

Survey recommendations also are the instrument for implementing the campus master plan of the college. The survey report contains the campus master plan update and detail, along with an explanation of how the recommendations will contribute to achieving the master plan.

Moreover, physical facilities and land use planning for the college district are coordinated with the greater community and infrastructure planning. The survey report includes documentation of how the survey recommendations will integrate with local comprehensive plans and land development regulations of the local governing bodies.

In addition to making recommendations for existing sites, the survey may, when appropriate, make recommendations for a new educational or ancillary plant, including the site location. Prior to making recommendations for a new site, a proposal for the establishment of an additional campus, center or special purpose center must have been submitted by the college, approved by the State Board of Education and authorized by the Legislature.

The survey report contains two kinds of tables that summarize the survey plan, a student stations summary table for each educational site and a space category aggregate square footage summary table for every site. Both tables give the nonvocational, vocational and total COFTE for the survey out-year.

The student stations summary table shows, for each of the three instructional space categories, the number of stations needed, the number of satisfactory stations existing, the change to the number of stations caused by the remodeling recommendations, the change to the number of stations caused by the renovation recommendations, the change to the number of stations caused by the new construction recommendations, the total number of stations planned and the number of COFTE that number of stations will accommodate.

The space category aggregate square footage table shows, for each of the 10 assignable space categories, the square feet needed, the satisfactory square feet existing, the change to the square feet caused by the remodeling recommendations, the change to the square feet caused by the renovation recommendations, the change to the square feet caused by the new construction recommendations and the total square feet planned.

[See sections 216.011(1)(p); 1013.01(1), (2), (6), (7), (10), (14), (17), (18), (21), (22), and (23); 1013.03(10)(a)2.; 1013.31(1)(a) and (b)3.; 1013.33(1); 1013.36(1); and 1013.40(1), (2), and (3), F.S.; and SREF, sections 1.2(29), (36), (55), (57), (58), (71), (74), (75), (81), and 3.1(1)(b) and (f).]

DOCUMENTATION REQUIRED FOR SURVEY REVIEW AND VALIDATION

If a Florida college's 5-year educational plant survey is not yet fully automated in EFIS, Office staff may require the following documents for the review and validation of educational plant survey amendments.

DocA. COLLEGE SITES

(1) A copy of the current, accurate site inventory report (FCPSITEI01).
(2) For each site founded since December 1989, a copy of the approval of establishment and designation of site type documents from the SBE.
(3) For each center elevated to a campus and each special purpose center elevated to a center since 1989, a copy of the approval of the redesignation of site type documents from SBE.

DocB. DETERMINATION OF NEEDS

(1) A copy of the current COFTE ("adjusted annual FTE") projections report (CCFTE602).
(2) For each site, a copy of work papers showing factors, standards and formulas used to generate space needs for assignable space categories and nonassignable types of facilities.
(3) For each site with instructional programs, a copy of work papers showing COFTE projections applied to space utilization formulas to determine allocations of student stations.

(4) A copy of current career, vocational and adult program approval documents from the Division of Career and Adult Education, Department of Education.

DocC. EXISTING EDUCATIONAL AND ANCILLARY PLANTS

(1) A copy of the current accurate facility inventory report (FCPFACII01).
(2) For each site, a copy of a simple line drawing site plan, on letter or legal-size paper, showing site number and name, building locations and numbers.
(3) A copy of the current, accurate room inventory report (FCPROOMI01).
(4) A copy of the current, accurate aggregate room area by site report, pages 13 and 14−all owned (FCPAGGBS01).

SUBMITTING THE SURVEY REPORT

Five-year surveys and amended surveys for Florida colleges shall be electronically transmitted to the Office through EFIS.