

Proposed Space Summary - High Schools

Dover High School & Regional Technical Center		Existing Conditions		New School 1500 Students		
ROOM TYPE	ROOM NFA ¹	# OF Classroom	area totals	ROOM NFA ¹	# OF Classroom	area totals
CORE ACADEMIC SPACES			58	53,130	64	69,470
<i>(List classrooms of different sizes separately)</i>						
Classroom - General 1 (Upto 30 Students)				850	38	32,300
Study Hall Classrooms (upto 30 students)				850	6	5,100
General Classroom 3 (Upto 15 seats)				500	2	1,000
Small Group / Pull Out Rooms	110	1	110	175	8	1,400
Self-Contained SPED						
Self-Contained SPED Toilet		4	850	900	4	3,600
SPED Coordinator Office	230	1	230	60	2	120
SPED Resource (Case Managers Office/reception)	990	1	990	200	1	200
Testing	860	1	860	1,200	1	1,200
PAQ Room	220	1	220	400	1	400
Para Professionals Storage (33 in building)	300	1	300	400	1	400
Life Skills	350	2	700	150	1	150
				1,200	1	1,200
Lower Level General Classrooms (Existing)						
		570	2			
Main Level General Classrooms (Existing)						
World Language	810	4	3,240			
General Classrooms (820 sf - 840sf)	830	10	8,300			
General Classrooms	860	3	2,580			
2nd Level General Classrooms (Existing)						
World Language	840	4	3,360			
General Classrooms	810	4	3,240			
General Classrooms	830	7	5,810			
General Classrooms	840	5	4,200			
General Classrooms	860	1	860			
General Classrooms	990	2	1,980			
General Classrooms	1,240	1	1,240			
Science Classroom / Lab						
Physical Science Classrooms	840	2	1,680	1,200	2	2,400
Physics Science Classrooms	850	2	1,700	1,200	2	2,400
Earth Science Classrooms	860	2	1,720	1,200	2	2,400
Chem Science Classrooms	1,100	3	3,300	1,200	3	3,600
Biology Science Classrooms	970	2	1,940	1,200	4	4,800
Science Prep	410	3	1,230	200	7	1,400
Science Chemical Storage	150	1	150	300	1	300
Teacher Planning						
World Language Office	190	1	190	900	4	3,600
SS Office	250	1	250			
Math Office	250	1	250			
Science Office	250	1	250			
English Office	260	1	260			
Forum (up to 3 Classrooms)				1,500	1	1,500
ART & MUSIC			7,700	9,650		
Art Classrooms	3,640		3,640			
Ceramics/Sculpture CR				1,000	1	1,000
2D Drawing CR				1,000	2	2,000
Jewelry CR				1,000	1	1,000
Kiln (1 room 2 large Kilns)				150	1	150
Art Storage				150	2	300
Spray Booth				150	1	150
Photography Dark Room				150	1	150
Band - 50 - 100 seats	2,820	1	2,820	1,400	1	1,400
Music Practice	248	5	1,240	150	3	450
Large Practice				500	1	500
Music/Chorus Offices				100	2	200
Chorus - 50 - 100 seats				1,400	1	1,400
Ensemble				200	1	200
Uniform/Band Storage				250	1	250
Music Storage				500	1	500
CAREER TECHNICAL PROGRAM			44,380	60,350		
Automotive Collision - - max class size (20)			3,970	3,970	4500	
Classroom				500	1	500
Car Bays				300	4	1200
Downdraft Spray Booth				300	1	300
Wash/ Detail Bay				300	1	300
Shop Area (space between and around bays)				1,500	1	1500
Tool / Auto Part Storage				500	1	500
Office				100	1	100
Bathroom/Locker Room				100	1	100
Welding (Future Program) - max class size TBD			3,960	3,960	1200	
Classroom				500	1	500
Shop Area				700	1	700
Automotive Technology - max class size (20)			3,960	3,960	4500	
Classroom				500	1	500
Car Bays				300	4	1200
Alignment Bays				300	2	600
Shop Area (space between and around bays)				1,500	1	1500
Tool Storage				500	1	500
Office				100	1	100
Bathroom/Locker Room				100	1	100
Building Construction - max class size (20)			5,130	5,130	4500	
Classroom				600	1	600
Lab Area				1,500	1	1500
Large Mock Up Area (Tall Ceilings)				1,700	1	1700
Tool Storage				550	1	550
Office				150	1	150
Computer Technology - max class size (25)			1,630	1,630	2500	
Classroom				800	1	800
Computer Lab (25 Stations)				500	1	500
Lab Space (25 Stations)				500	1	500
Storage				400	1	400
Testing				250	1	250
Destatic Entry				50	1	50
Computer Programming (Future Program) - max class size (25)			830	830	1500	
Computer Lab (25 Stations) (U shaped Set Up)				1,000	1	1000
Colaboration Area				250	1	250
Small Gaming Room				250	1	250
Electrical Technology - max class size (20)			2,720	2,720	3000	
Classroom				800	1	800
Open Stud Bays				65	10	650
Telecom Bay				65	1	65
Motor Control Bay				65	1	65
Solar Lab Bay				65	1	65
Shop Area				800	1	800
Office				150	1	150
Storage				405	1	405
Outdoor Fenced Area (400 sf)						
Pre-Engineering Academy - max class size (22)			2,790	2,790	3000	
Classroom				600	1	600
Computer Lab Area				1,000	1	1000
Prototype Manufacturing				1,000	1	1000
Storage				300	1	300
Office				100	1	100
Cullinary Arts - max class size (24)			3,880	3,880	3500	
Culinary Dinning (35 to 40 Seats)				1,000	1	1000
Kitchen Office				100	1	100
Locker Room				150	2	300
Kitchen Area / Storage				2,100	1	2100

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Firefighter Academy (EMT Program In House) - max class size (14)			0			1000	
Offsite at local firestation						0	
Lab Space EMT				500	1	500	
Classroom EMT				500	1	500	
Sports Medicine (Future Program) - max class size TBD						1000	
Classroom				500	1	500	
Lab Space				500	1	500	
Health Sciences - max class size (20)	1,460		1,460			2000	
Classroom Health Science				800	1	800	
Lab Space Health Science				600	1	600	
Adaptive Kitchen				100	1	100	
Storage				150	1	150	
Office				100	1	100	
Bathroom/Locker/Washer Dryer				250	1	250	
Cosmetology - max class size 20 x 2 Classrooms (40 total)	3,700		3,700			3000	
Classrooms				800	2	1600	
Salon Area				450	1	450	
Aesthetics Area				75	1	75	
Shampoo Area				75	1	75	
Toilet/Locker Room				150	1	150	
Laundry Area				75	1	75	
Storage				200	1	200	
Dispensary				200	1	200	
Office				100	1	100	
Waiting Area				75	1	75	
Bathroom For Patrons				65	0	0	
Government & Public Admin NJROTC - max class size (26)	1,490		1,490			2000	
Classroom				1,200	1	1200	
Storage Area				600	1	600	
Office				200	1	200	
Marketing - max class size (24)	1,600		1,600			2000	
Classroom (24 Work Stations)				1,200	1	1200	
Conference Area				300	1	300	
Shared Work Room				200	0	0	
Storage Room				200	1	200	
Student Store				300	1	300	
Business - max class size (28)	2,680		2,680			3000	
Classroom (25 Work Stations)				900	1	900	
Computer Labs (25 Stations)				900	2	1800	
Office				50	2	100	
Shared Work Room				200	1	200	
Animal Science - max class size (20-26)	2,090		2,090			7500	
Classrooms				650	2	1300	
Grooming Lab				500	1	500	
Tub Room				300	1	300	
Small Animal Room				200	1	200	
Bathrooms / Locker Rooms				200	1	200	
Laundry Area				50	1	50	
Storage				200	2	400	
Office				200	1	200	
Waiting Area/Reception/Store				100	1	100	
Barn (Small and Large Animals) w/hay storage				4,000	1	4000	
Tractor/Equipment Storage				100	1	100	
Feed Room				150	1	150	
Turnout Areas (2 areas, 1 covered, 1800sf each)							
Outdoor Fenced in Kennel/Training Space (400 sf)							
Pasture/Paddock Space for Animals (600 sf??)							
Parking Spaces (4 Spaces)							

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ROOM TYPE	ROOM NFA ¹	# OF Classroom	area totals	ROOM NFA ¹	# OF Classroom	area totals
Biotechnology - max class size (20)		850	850			2000
Classroom/Lab				1,600	1	1600
Storage Area				400	1	400
CTC Admin Offices	1,640		1,640			1650
Main Admin/Waiting				300	1	300
Copy/Mail Boxes				150	1	150
CTC Director Office w/ Conference				250	1	250
Conference Room/Technology Room				450	1	450
Career Services Office				125	1	125
Career Assessor Office				125	1	125
Staff Lunch/Workroom				250	1	250
HEALTH & PHYSICAL EDUCATION			24,440			27,600
Gymnasium	13,690	1	13,690	13,500	1	13,500
PE Alternatives				3,000	1	3,000
Entry w/ Concession / Athlete Lounge				700	0	0
Video Rooms				400	0	0
Athletic Director's Office	230	1	230	150	1	150
Men's Coaching Offices	123	3	370	75	3	225
Women's Coaching Offices	95	2	190	75	3	225
Coach's Locker Rooms / w/ toilets (Men and Women)				150	2	300
Changing Area for Referee's				200	0	0
Locker Rooms - Boys w/ Toilets	4,480	1	4,480			
Team Rooms				800	2	1,600
PE Locker Room				450	1	450
Private Showers				25	4	100
Toilets				200	1	200
Equipment Storage				800	1	800
Locker Rooms - Girls w/ Toilets	2,520	1	2,520			
Team Rooms				800	2	1,600
PE Locker Room				450	1	450
Private Showers				25	4	100
Toilets				200	1	200
Equipment Storage				800	1	800
Weight Room	1,230	1	1,230	2,000	1	2,000
Trainer Room	300	1	300	600	1	600
Cardio Room				1,000	0	0
Phys. Ed. Storage	286	5	1,430	800	1	800
Gym Storeroom				500	1	500
Health Instructor's Office w/ Shower & Toilet						
MEDIA CENTER			6,110			8,600
Media Center / Reading Room	6,110	1	6,110	8,600	1	8,600
AUDITORIUM / DRAMA			9,240			10,400
Auditorium	6,290	1	6,290	7,500	1	7,500
Stage	2,150	1	2,150	1,600	1	1,600
Auditorium Storage	150	1	150	500	1	500
Controls / Lighting / Projection	540	1	540	200	1	200
Band Booster CL	110	1	110	100	0	0
Set Building Area				500	0	0
Make-up / Dressing Rooms w/ Bathrooms				300	2	600
			6390			
DINING & FOOD SERVICE			13,610			13,650
Cafeteria / Student Lounge / Break-out	6,600	1	6,600	7,000	1	7,000
Kitchen	3,100	1	3,100	2,500	1	2,500
Dry Storage	1,000	1	1,000	800	1	800
Dish Washer	570	1	570	250	1	250
Scramble Serving Area	900	1	900	550	3	1,650
Kitchen Office	150	3	450	150	2	300
Chair / Table Storage				525	1	525
Staff Lunch Room	990	1	990	625	1	625
MEDICAL			750			910
General Nurse Area	750		750			
Medical Suite Toilet				60	1	60
Nurses' Office / Waiting Room				250	1	250
Interview Room				100	3	300
Examination Room / Resting				100	3	300
ADMINISTRATION & GUIDANCE			5,210			5,045
Main Administration	3,140		3,140			
Administration	1,770		1,770			
General Office / Waiting Room / Toilet				750	1	750
Teachers' Mail and Time Room				100	1	100
Duplicating Room	90	1	90	200	1	200
Records Room				200	1	200
Principal's Office w/ Conference Area				375	1	375
Principal's Secretary / Waiting				125	1	125
Assistant Principal's Office - AP1				150	1	150
Assistant Principal's Office - AP2				150	2	300
Supervisory / Spare Office				120	1	120
Conference Room				450	1	450
Records Room	210	1	210	200	1	200
Teachers' Work Room (incorporated under classroom)				650	0	-
Guidance						
Guidance Office				150	8	1,200
Guidance Admin (2 desks)				200	1	200
Guidance Waiting Room				100	1	100
Guidance Storeroom/Copy Room				100	1	100
Career Center/Conference Room				475	1	475
Small Conference Room				150	0	-
CUSTODIAL/ Facilities & MAINTENANCE			4,510			6,150
Facilities Office	110	1	110	200	1	200
Loading Dock 1	710	1	710	1,000	1	1,000
Loading Dock 2	570	1	570			
Facilities Storage				500	1	500
Facilities Maintenance Shop	400	1	400	800	1	800
Maintenance Building (offsite "practical")				4,000	0	0
Custodian's Office	40	1	40	150	1	150
Custodian Maintenance Area				150	1	150
Custodian's Storage	690	6	690	375	2	750
Recycling Room / Trash				400	1	400
Receiving and General Supply				500	1	500
Cust Service Closet	720	11	720	50	10	500
Cust Break Room	200	1	200			0
IT Office	250	1	250			0
IT Room	200	2	200			0
IT Storage	240	2	240			0
Network / Telecom Room	60	1	60	200	1	200
School Supply Room (2nd Level)	320	1	320			
OTHER			8,630			7,440
Robotics Club	440	1	440	440	1	440
Book Paper Storage	80	1	80	80	0	0
Life Sciences	3,090		3,090			2500
Classroom				600	1	600
Lab Space				1,000	1	1000
Storage				200	1	200
Green House Room				700	1	700
Wood Working	2,950		2,950			2500
Classroom				2,000	1	2000
Storage				500	1	500
Family & Consumer Science	2,070		2,070			2000
Classroom				1,000	1	1000
Lab Area				800	1	800
Storage				200	1	200
District Storage			250			250
District Storage	250	1	250	250	1	250

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ROOM TYPE	ROOM NFA ¹	# OF Classroom	area totals	ROOM NFA ¹	# OF Classroom	area totals
Total Building Net Floor Area (NFA)			177,960			218,515
Proposed Student Capacity / Enrollment						
Total Building Gross Floor Area (GFA) ²			250,000			327,773
Grossing factor (GFA/NFA)			1.40			1.50