

PreACT™

Student Record Layout

Record Length = 1,129 characters

All alphabetical characters in
upper case only.

Data provided in both fixed-length and
comma-separated text formats.

PreACT Customer Care
CustomerServices@act.org
877.789.2925



www.act.org/preact

DATA	PROCESS NUMBER	STUDENT SITE CODE	DISTRICT CODE	STATE CODE	GROUP CODE	SORT CODE	CYCLE	EQUATING FLAG		TEST SITE CODE	BLANK	STUDENT NAME		BLANK								
								YOUR SCHOOL				LAST	FIRST		MIDDLE							
LOCATION 1-100																						
011	10651	1101	151	120	126		1301		1351	1401	1451	1501	1551	1601	1651	1701	1751	1801	1851	1901	1951	2001

[illegible]

DATA	PREACT SCALE SCORE RANGE (continued)	BLANK	PREDICTED ACT SCALE SCORE RANGES	BLANK	PLANS AND BACK-GROUND	ACTIVITIES DURING HIGH SCHOOL
LOCATION 201-300	ENGLISH HIGH		ENGLISH LOW		LANGUAGE	
	MATH LOW		ENGLISH HIGH		HS STUDY	
	MATH HIGH		MATH LOW		MOTHER'S ED	
	READING LOW		MATH HIGH		FATHER'S ED	
	READING HIGH		READING LOW			
	SCIENCE LOW		READING HIGH			
	SCIENCE HIGH		SCIENCE LOW			
	COMPOSITE LOW		SCIENCE HIGH			
	COMPOSITE HIGH		COMPOSITE LOW			
	STEM LOW		COMPOSITE HIGH			
	STEM HIGH		STEM LOW			
			STEM HIGH			

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DATA	INTEREST INVENTORY ITEMS (continued)	CAREER MAP REGIONS				UNIACT STANINES	UNIACT STANDARD SCORES	UNIACT PERCENTILES	COURSE/GRADE INFORMATION																			
		REGION 1	REGION 2	REGION 3	%I	%D	TECHNICAL	SCI. & TECH.	ARTS	SOC. SERVICE	ADMIN. & SALES	TECHNICAL	SCI. & TECH.	ARTS	SOC. SERVICE	ADMIN. & SALES	BUSINESS OP.	ENGLISH 9	ENGLISH 10	ENGLISH 11	ENGLISH 12	OTHER ENG.	OTHER ENG.	TOTAL ENG.	ALGEBRA 1	GEOMETRY	ALGEBRA 2	TRIG.
LOCATION 401-500	90 89 88 87 86 85 84 83 82 81 80	4110 4105 4100 4095 4090 4085 4080 4075 4070 4065 4060	4115 4110 4105 4100 4095 4090 4085 4080 4075 4070 4065 4060	4200 4195 4190 4185 4180 4175 4170 4165 4160 4155 4150	4225 4220 4215 4210 4205 4200 4195 4190 4185 4180 4175 4170	II IOK	4330 4325 4320 4315 4310 4305 4300 4295 4290 4285 4280 4275 4270 4265 4260 4255 4250 4245 4240 4235 4230 4225 4220 4215 4210 4205 4200 4195 4190 4185 4180 4175 4170 4165 4160 4155 4150 4145 4140 4135 4130 4125 4120 4115 4110 4105 4100 4095 4090 4085 4080 4075 4070 4065 4060 4055 4050 4045 4040 4035 4030 4025 4020 4015 4010 4005 4000 3995 3990 3985 3980 3975 3970 3965 3960 3955 3950 3945 3940 3935 3930 3925 3920 3915 3910 3905 3900 3895 3890 3885 3880 3875 3870 3865 3860 3855 3850 3845 3840 3835 3830 3825 3820 3815 3810 3805 3800 3795 3790 3785 3780 3775 3770 3765 3760 3755 3750 3745 3740 3735 3730 3725 3720 3715 3710 3705 3700 3695 3690 3685 3680 3675 3670 3665 3660 3655 3650 3645 3640 3635 3630 3625 3620 3615 3610 3605 3600 3595 3590 3585 3580 3575 3570 3565 3560 3555 3550 3545 3540 3535 3530 3525 3520 3515 3510 3505 3500 3495 3490 3485 3480 3475 3470 3465 3460 3455 3450 3445 3440 3435 3430 3425 3420 3415 3410 3405 3400 3395 3390 3385 3380 3375 3370 3365 3360 3355 3350 3345 3340 3335 3330 3325 3320 3315 3310 3305 3300 3295 3290 3285 3280 3275 3270 3265 3260 3255 3250 3245 3240 3235 3230 3225 3220 3215 3210 3205 3200 3195 3190 3185 3180 3175 3170 3165 3160 3155 3150 3145 3140 3135 3130 3125 3120 3115 3110 3105 3100 3095 3090 3085 3080 3075 3070 3065 3060 3055 3050 3045 3040 3035 3030 3025 3020 3015 3010 3005 3000 2995 2990 2985 2980 2975 2970 2965 2960 2955 2950 2945 2940 2935 2930 2925 2920 2915 2910 2905 2900 2895 2890 2885 2880 2875 2870 2865 2860 2855 2850 2845 2840 2835 2830 2825 2820 2815 2810 2805 2800 2795 2790 2785 2780 2775 2770 2765 2760 2755 2750 2745 2740 2735 2730 2725 2720 2715 2710 2705 2700 2695 2690 2685 2680 2675 2670 2665 2660 2655 2650 2645 2640 2635 2630 2625 2620 2615 2610 2605 2600 2595 2590 2585 2580 2575 2570 2565 2560 2555 2550 2545 2540 2535 2530 2525 2520 2515 2510 2505 2500 2495 2490 2485 2480 2475 2470 2465 2460 2455 2450 2445 2440 2435 2430 2425 2420 2415 2410 2405 2400 2395 2390 2385 2380 2375 2370 2365 2360 2355 2350 2345 2340 2335 2330 2325 2320 2315 2310 2305 2300 2295 2290 2285 2280 2275 2270 2265 2260 2255 2250 2245 2240 2235 2230 2225 2220 2215 2210 2205 2200 2195 2190 2185 2180 2175 2170 2165 2160 2155 2150 2145 2140 2135 2130 2125 2120 2115 2110 2105 2100 2095 2090 2085 2080 2075 2070 2065 2060 2055 2050 2045 2040 2035 2030 2025 2020 2015 2010 2005 2000 1995 1990 1985 1980 1975 1970 1965 1960 1955 1950 1945 1940 1935 1930 1925 1920 1915 1910 1905 1900 1895 1890 1885 1880 1875 1870 1865 1860 1855 1850 1845 1840 1835 1830 1825 1820 1815 1810 1805 1800 1795 1790 1785 1780 1775 1770 1765 1760 1755 1750 1745 1740 1735 1730 1725 1720 1715 1710 1705 1700 1695 1690 1685 1680 1675 1670 1665 1660 1655 1650 1645 1640 1635 1630 1625 1620 1615 1610 1605 1600 1595 1590 1585 1580 1575 1570 1565 1560 1555 1550 1545 1540 1535 1530 1525 1520 1515 151																					

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DATA	CALC. HS GPA	SUPPLEMENTAL LOCAL ITEMS	TEST FORM	SPECIAL STATUS	TEST ITEM RESPONSES	BLANK	TEST ITEM RESPONSES (continued)
LOCATION 601-700	ENGLISH MATH SOC. STUD. NAT. SCI.	CORE IND.	TEST FORM		ENGLISH		MATH
	1 2 3 4 5 6 7 8 9 10 11 12 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800						

DATA	TEST ITEM RESPONSES (continued)	BLANK	TEST ITEM RESPONSES (continued)	0/1 VECTORS
	MATH (continued)		READING SCIENCE ENGLISH	
LOCATION 701-800	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800			

DATA	0/1 VECTORS (continued)	BLANK	0/1 VECTORS (continued)	BLANK	0/1 VECTORS (continued)
	ENGLISH (continued)		MATH		READING
LOCATION 801-900	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900				

DATA	0/1 VECTORS (continued)	TEST RAW SCORES	BLANK	STUDENT ADDRESS
	SCIENCE	ENGLISH MATH READING SCIENCE		MAILING ADDRESS CITY
LOCATION 901-1000	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000			

DATA	STUDENT ADDRESS (continued)	BLANK	STUDENT ID NUMBER	USER DEFINED FIELD 1	USER DEFINED FIELD 2	USER DEFINED FIELD 3
	CITY (continued) STATE ZIP					
LOCATION 1001-1100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1005 1010 1015 1020 1025 1030 1035 1040 1045 1050 1055 1060 1065 1070 1075 1080 1085 1090 1095 1100					

DATA	USER DEFINED FIELD 3 (continued)	BLANK
LOCATION 1101-1109	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1105 1110 1115 1120 1125	

PreACT® Student Record Layout Description

Please note: A single asterisk "*" indicates a double grid

LOCATION	FIELD NAME	FIELD CONTENT
1–8	Process Number	ACT scoring batch number
9–14	Student Attended Site Code	6-digit ACT-SAT code; from School Header if testing at own school; from block L if not testing at own school
15–20	District Code	Unique code assigned by ACT
21–22	State Code	2-digit state code assigned by ACT; see State Codes on page 9
23–25	Group Code	
26–28	Sort Code	Optional local code entered in block M of answer folder
29–31	Cycle	Processing cycle assigned by ACT
32	Equating Flag	1 if administered in equating study; otherwise blank
33	Testing at Your Own School	Y/N
34–39	Test Site Code	6-digit ACT-SAT code; from School Header
44–85	Student Name	
44–68	Last Name	
69–84	First Name	
85	Middle Initial	
107–109	Doc ID	Document type assigned by ACT
110–117	Date of Birth	yyyymmdd
118	Gender	M/F
119	Race/Ethnicity	1 = Black/African American 2 = American Indian/Alaska Native 3 = White 4 = Hispanic/Latino 5 = Asian 6 = Native Hawaiian/Other Pacific Islander 7 = Two or more races 8 = I prefer not to respond
130–131	Reporting Grade	08/below–12/other, system derived grade used in reporting
132–139	Test Date	yyyymmdd
140–141	School Header Grade	08/below–12/other, as recorded by test coordinator in Block D of school header
145	Public/Private	Type of school: 1 = Public; 2 = Private
146–147	Student Grid Grade	08/below–12/other, as recorded by student in Block J of answer folder or Pre-ID
150–161	Test Scale Scores	01–35
150–151	English	*** = test voided by administrator
152–153	Mathematics	-- = test not attempted
154–155	Reading	
156–157	Science	
158–159	Composite	
160–161	STEM	
162–195	Subtest Raw Scores	*** = test voided by administrator
162–163	Production of Writing	-- = test not attempted
164–165	Knowledge of Language	
166–167	Conventions of Standard English	
168–169	Preparing for Higher Math	
170–171	Number & Quantity	
172–173	Algebra	
174–175	Functions	
176–177	Geometry	
178–179	Statistics & Probability	
180–181	Integrating Essential Skills	
182–183	Modeling	
184–185	Key Ideas & Details	
186–187	Craft & Structure	
188–189	Integration of Knowledge & Ideas	
190–191	Interpretation of Data	
192–193	Scientific Investigation	

(continued on next page)

PreACT® Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
194–195	Evaluation of Models, Inferences & Experimental Results	
198–221	PreACT Scale Score Range	
198–199	PreACT English Low	
200–201	PreACT English High	
202–203	PreACT Math Low	
204–205	PreACT Math High	
206–207	PreACT Reading Low	
208–209	PreACT Reading High	
210–211	PreACT Science Low	
212–213	PreACT Science High	
214–215	PreACT Composite Low	
216–217	PreACT Composite High	
218–219	PreACT STEM Low	
220–221	PreACT STEM High	
230–253	Predicted ACT Scale Score Range for English, Math, Reading, Science, Composite, & STEM	01–36 “--” = test not attempted “***” = test voided by administrator
230–231	Est. ACT English Low	
232–233	Est. ACT English High	
234–235	Est. ACT Math Low	
236–237	Est. ACT Math High	
238–239	Est. ACT Reading Low	
240–241	Est. ACT Reading High	
242–243	Est. ACT Science Low	
244–245	Est. ACT Science High	
246–247	Est. ACT Composite Low	
248–249	Est. ACT Composite High	
250–251	Est. ACT STEM Low	
252–253	Est. ACT STEM High	
280–283	Plans and Background	
280	Language	A = English B = A language other than English C = English and another language about the same D = Prefer not to respond
281	High School Study	A = College prep B = Other (career/technical, other)
282–283	Highest Ed Level of Parent/Guardian	A = Did not complete high school B = High school diploma or equivalent
282	Highest Ed Level of Mother/Guardian 1	C = Career/technical training such as military, apprenticeship, certificate program, etc. D = Some college, but no degree E = 2-year college degree (associate's) F = 4-year college degree (bachelor's) G = Some education or degree above a 4-year college degree H = I don't know
283	Highest Ed Level of Father/Guardian 2	
284–303	Activity Participation During High School	
284	Instrumental music	
285	Vocal music	
286	Publications	
287	Speech/public speaking/debate	
288	Art-related	
289	Dramatics, theater	
290	Varsity athletic	
291	Science-related	
292	Academic honors organizations	
293	Cheerleading/school spirit	
294	Community service/involvement	
295	Ethnic organization	
296	Foreign exchange or study abroad	
297	Political organization	

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PreACT® Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
298	Radio/TV	
299	Religious organization	
300	ROTC	
301	Social club or fraternity/sorority	
302	Student government	
303	Not currently participating in any of these activities	
304	Participation in College Outreach	Y/N
305	Hours Worked	A = None B = 1–5 hours per week C = 6–10 hours per week D = 11–15 hours per week E = 16–20 hours per week F = more than 20 hours per week
306	Educational Plans after High School	A = Not planning to complete high school B = No education or other training planned for after high school C = Job-related training offered through military service D = Apprenticeship or other on-the-job training E = Career/technical school F = 2-year community college or junior college G = 4-year college or university H = Graduate or professional studies after a 4-year degree I = Undecided about future educational plans J = Other
307	Career Choice	See Career Clusters and Career Areas, page 10
308–309	Religious Preference	See <i>PreACT Instructions for Completing Your Answer Folder</i>
310	EOS Release	Y/N
311–314	Void Scoring Codes	1 = test voided by administrator
311	English	
312	Mathematics	
313	Reading	
314	Science	
315–321	Needs Assessment	Y/N See Needs Assessment, page 10
315	Post High School Plans	
316	Writing	
317	Reading	
318	Study	
319	Mathematics	
320	Computer	
321	Public Speaking	
322–411	UNIACT Interest Inventory Items	1 = Dislike 2 = Indifferent 3 = Like
412–430	Career Map Regions	
412–413	Region 1	0 = Region 99; 1–12 (see Career Map)
414–415	Region 2	1–12
416–417	Region 3	1–12
420–422	% L responses	000–100
423–425	% I responses	000–100
426–428	% D responses	000–100
429	II IOK (For ACT use)	
430	II Shading Flag (For ACT use)	
431–436	UNIACT Stanines	1–9
431	Technical	
432	Science & Technology	
433	Arts	
434	Social Service	
435	Administration & Sales	
436	Business Operations	

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PreACT® Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
437–448	UNIACT Standard Scores	20–80
437–438	Technical	
439–440	Science & Technology	
441–442	Arts	
443–444	Social Service	
445–446	Administration & Sales	
447–448	Business Operations	
449–466	UNIACT Percentiles	0–100
449–451	Technical	
452–454	Science & Technology	
455–457	Arts	
458–460	Social Service	
461–463	Administration & Sales	
464–466	Business Operations	
467–596	Course/Grade Information	For each course listed; if no value, reported as blank.
467–469	English 9	1st byte:
470–472	English 10	1 = Responded: Completed or currently taking for ½ year
473–475	English 11	2 = Responded: Completed or currently taking for 1 year
476–478	English 12	3 = Responded: Plan to take for ½ year
479–481	Other English	4 = Responded: Plan to take for 1 year
482–484	Other English	5 = Assumed: Completed or currently taking for ½ year
485–487	Other English	6 = Assumed: Completed or currently taking for 1 year
488–490	Total Years of English Taken or Planned	7 = Assumed: Plan to take for 1/2 year
491–493	Algebra 1	8 = Assumed: Plan to take for 1 year
494–496	Geometry	0 = No Response
497–499	Algebra2	2nd byte: grade each for full term
500–502	Trigonometry	4 = A; 3 = B; 2 = C; 1 = D; 0 = F
503–505	Pre-Calculus	3rd byte: 1 = Honors, AP or IB
506–508	Calculus	
509–511	Other Advanced Math	
512–514	Other Advanced Math	
515–517	Integrated Math 9	
518–520	Integrated Math 10	
521–523	Integrated Math 11	
524–526	Integrated Math 12	
527–529	Total Years of Math Taken or Planned	
530–532	US History	
533–535	World History	
536–538	Government/Civics	
539–541	Global Studies	
542–544	Geography	
545–547	Economics	
548–550	Psychology	
551–553	Sociology	
554–556	Other Social Studies	
557–559	Other Social Studies	
560–562	Total Years of Social Studies Taken or Planned	
563–565	Physical Science	
566–568	Biology 1	
569–571	Biology 2	
572–574	Chemistry 1	
575–577	Chemistry 2	
578–580	Physics	
581–583	Anatomy/Physiology	
584–586	Other Natural Science	
587–589	Other Natural Science	
590–592	Total Years of Natural Sciences Taken or Planned	
593–596	Foreign Languages	1 = 1–1.5 years
593	Spanish	2 = 2–2.5 years
594	French	3 = 3–3.5 years

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PreACT® Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
595	German	4 = 4–4.5 years
596	Other Language (not English)	5 = 5 or more years
597	Interest Career Fit	
598–600	Calculated HS GPA Overall	0.0–4.0, or blank
601–612	Calculated HS GPA by Subject	0.0–4.0, or blank
601–603	Calculated English GPA	
604–606	Calculated Math GPA	
607–609	Calculated Social Studies GPA	
610–612	Calculated Natural Sciences GPA	
613	Core Indicator	1 = Meets core 2 = Does not meet core 3 = Incomplete CGIS Information 0 = Blank CGIS Information A–E, locally defined
614–625	Supplemental Local Items	
626–628	Test Form	
629	Assumed Form Indicator	Blank = valid test form provided 1 = Test form missing or double gridded, default form code assigned 2 = Test form missing or double gridded, assumed form logic used to assign a form code
630	Accommodation	1 = Extended time/standard materials 2 = Large-print test/standard time 3 = Large-print test/extended time 4 = Audio DVD test/extended time 5 = Reader script/extended time 6 = Braille test/extended time 7 = Scribe/standard time 8 = Scribe/extended time 9 = Assistive communication device/extended time 0 = Reserved for future use
631–640	Special Status	All Y or blank
631	HB	Homebound
632	SE	Special Education
633	LEP	Limited English Proficiency
634	FL	Eligible for free/reduced price lunch
635	ME	Migrant Education
636	M	Title I Math
637	R	Title I Reading
638	X	Locally defined
639	Y	Locally defined
640	Z	Locally defined
641–785	Test Item Responses	1 = A or F 2 = B or G 3 = C or H 4 = D or J 5 = E or K (math only) *** = Double Grid
641–685	English	
691–726	Math	
731–755	Reading	
756–785	Science	
786–930	0/1 Vectors	1 = correct response 0 = incorrect response
786–830	English	
836–871	Math	
876–900	Reading	
901–930	Science	
931–946	Test Raw Scores	
931–932	English	00–45
933–934	Math	00–36
935–936	Reading	00–25
937–938	Science	00–30

(continued on next page)

PreACT® Student Record Layout Description (continued)

LOCATION	FIELD NAME	FIELD CONTENT
947–1022	Student Address	
947–986	Mailing Address	
987–1011	City	
1012–1013	State	State postal abbreviation
1014–1022	ZIP	ZIP plus 4
1050–1064	Student ID Number	Assigned by school or district
1065–1079	User Defined Field 1	Pass through fields from Pre-ID file
1080–1094	User Defined Field 2	Pass through fields from Pre-ID file
1095–1109	User Defined Field 3	Pass through fields from Pre-ID file

STATE CODES (positions 21–22)

	NUM.	ALPHA.		NUM.	ALPHA.
Alabama	01	AL	North Dakota	35	ND
Alaska	02	AK	Ohio	36	OH
Arizona	03	AZ	Oklahoma	37	OK
Arkansas	04	AR	Oregon	38	OR
California	05	CA	Pennsylvania	39	PA
Colorado	06	CO	Rhode Island	40	RI
Connecticut	07	CT	South Carolina	41	SC
Delaware	08	DE	South Dakota	42	SD
D.C.	09	DC	Tennessee	43	TN
Florida	10	FL	Texas	44	TX
Georgia	11	GA	Utah	45	UT
Hawaii	12	HI	Vermont	46	VT
Idaho	13	ID	Virginia	47	VA
Illinois	14	IL	Washington	48	WA
Indiana	15	IN	West Virginia	49	WV
Iowa	16	IA	Wisconsin	50	WI
Kansas	17	KS	Wyoming	51	WY
Kentucky	18	KY			
Louisiana	19	LA	Puerto Rico	52	PR
Maine	20	ME	Canada	53	CN
Maryland	21	MD			
Massachusetts	22	MA	All Other	55	FN
Michigan	23	MI			
Minnesota	24	MN	Marshall Islands	57	MH
Mississippi	25	MS	Northern Mariana	58	MP
Missouri	26	MO	Micronesia	60	FM
Montana	27	MT	American Samoa	61	AS
Nebraska	28	NE	Palau	62	PW
Nevada	29	NV	Guam	63	GU
New Hampshire	30	NH	Virgin Islands	66	VI
New Jersey	31	NJ			
New Mexico	32	NM	U.S. Military		
New York	33	NY	Europe	85	AE
North Carolina	34	NC	Stateside	86	AA
			Pacific	87	AP

Needs Assessment

(Areas in which the student indicated they needed additional help)

1. Making plans for my education, career, and work after high school
2. Improving my writing skills
3. Improving my reading speed or comprehension
4. Improving my study skills
5. Improving my mathematical skills
6. Improving my computer skills
7. Improving my public speaking skills

Career Clusters and Career Areas

Administration & Sales Career Cluster

A. Employment-Related Services

Managers (Human Resources, Training/Education, Employee Benefits, etc.); Recruiter; Interviewer; Mediator

B. Marketing & Sales

Agents (Insurance, Real Estate, Travel, etc.); Buyer; Sales/Manufacturers' Representatives; Retail Salesworker; Telemarketer

C. Management

Executive; Purchaser; General Managers (Financial, Office, Property, etc.); Specialty Managers (Retail Store, Hotel/Motel, Food Service, etc.). Other managers are in Career Areas related to their work. For example, see Career Area A.

D. Regulation & Protection

Inspectors (Customs, Food/Drug, etc.); Police Officer; Detective; Park Ranger; Security Manager; Guard

Business Operations Career Cluster

E. Communications & Records

Receptionist; Secretary (including Legal and Medical); Court Reporter; Clerks (Order, Billing, Hotel, etc.)

F. Financial Transactions

Accountant/Auditor; Cashier; Bank Teller; Budget/Credit Analysts; Tax Preparer

G. Distribution & Dispatching

Shipping/Receiving Clerks; Warehouse Supervisor; Mail Carrier; Dispatchers; Air Traffic Controller

Technical Career Cluster

H. Transport Operation & Related

Truck/Bus/Cab Drivers; Locomotive Engineer; Ship Captain; Aircraft Pilot; Sailor; Chauffeur

I. Agriculture, Forestry & Related

Farmer; Nursery Manager; Forester; Groundskeeper; Animal Caretaker; Soil Conservationist

J. Computer & Information Specialties

Programmer; Systems Analyst; Information Systems Manager; Computer Repairer; Website Developer; Actuary

K. Construction & Maintenance

Carpenter; Electrician; Bricklayer; Tile Setter; Painter; Plumber; Roofer; Firefighter; Custodian

L. Crafts & Related

Cabinetmaker; Tailor; Chef/Cook; Baker; Butcher; Jeweler; Silversmith; Hand Crafter

M. Manufacturing & Processing

Tool & Die Maker; Machinist; Welder; Woodworker; Printing Press Operator; Water Plant Operator

N. Mechanical & Electrical Specialties

Mechanics/Technicians (Auto, Aircraft, Heating & Air Conditioning, Electronics, etc.); Repairers (Office Machine, Appliance, TV/DVD, etc.)

Science & Technology Career Cluster

O. Engineering & Technologies

Engineers (Aerospace, Agriculture, Nuclear, Civil, Computer, etc.); Technicians (Electronics, Mechanical, Laser, etc.); Surveyor; Drafter; Architect; Technical Illustrator

P. Natural Science & Technologies

Physicist; Astronomer; Biologist; Statistician; Soil Conservationist; Food Technologist; Crime Lab Technician

Q. Medical Technologies (Also see Area W)

Pharmacist; Optician; Prosthetist; Technologists (Surgical, Medical Lab, EEG, etc.); Dietitian

R. Medical Diagnosis & Treatment (Also see Area W)

Physician; Psychiatrist; Pathologist; Dentist; Optometrist; Veterinarian; Nurse Anesthetist; Audiologist; Physician Assistant

S. Social Science

Sociologist; Experimental Psychologist; Political Scientist; Economist; Criminologist; Urban Planner

Arts Career Cluster

T. Applied Arts (Visual)

Artist; Graphic Artist; Photographer; Illustrator; Floral/Fashion/Interior Designers; Merchandise Displayer

U. Creative & Performing Arts

Writer/Author; Musician; Singer; Dancer; Music Composer; Movie/TV Directors; Fashion Model

V. Applied Arts (Written & Spoken)

Reporter; Columnist; Editor; Advertising Copywriter; Public Relations Specialist; TV Announcer; Librarian; Interpreter

Social Service Career Cluster

W. Health Care (Also see Areas Q and R)

Administrator; Recreational Therapist; Psychiatric Technician; Dental Hygienist/Assistant; Geriatric Aide; Licensed Practical Nurse

X. Education

Administrator; Teachers & Aides (Preschool, Elementary & Secondary, Special Education, PE, etc.). Other teachers are in Career Areas related to their specialty. For example, Physics Teacher is in Career Area P.

Y. Community Services

Social Service Director; Social Worker; Lawyer; Paralegal; Home Economist; Career Counselor; Clergy

Z. Personal Services

Childcare Specialist; Hairstylist/Barber; Makeup Artist; Flight Attendant; Barista; Travel Guide