

FY25 CTE Model Parameters

Model Components:

1) Direct Instruction

a. Teachers per Approved program

Students	FTE
12 or less	0.5
13-32	1.0
33-39	1.5
40-64	2.0
65-79	2.5
80 or more	3.0
Benefits at 26%	
FY25 Salary \$58,905	

b. Ed Techs for Specific Programs

Students	FTE
12 or less	0.5
13 or more	1.0
Diversified Occupations	1.0 per 27 students
Minimum per school	1.0
Benefits at 40%	
FY25 Salary \$22,997	

Programs: Agriculture; Agricultural Mechanics; Autobody/Collision & Repair technology/Technician; Automobile/Automotive Mechanics Technology/Technician; Carpentry/Carpenter; Child Care Provider/Assistant; Construction Trades; Crop Production; Culinary Arts/Chef Training; Electrician; Forest Technology/Technician; Machine Tool Technology/Machinist; Mason/Masonry; Plumbing Technology/Plumber; Sheet Metal Technology/Sheetworking; Welding Technology/Welder; Diversified Occupations

c. Clinical Supervisors \$3,021 per 8 students Programs: Health Professions and Related Clinical Sciences; Nurse/Nursing Assistant/Aide and Patient Care Assistant, & Emergency Medical Technology

d. Substitutes – per pupil amount FY25 \$50

2) Central Administration

- a. Director 1.0 FTE per CTE school FY25 Salary \$94,893
- b. Assistant Director 1.0 FTE per CTE school with 350 or more students or 0.5 FTE per CTE school with 250 – 350 students FY25 Salary \$77,811
- c. Business Manager 1.0 FTE per CTE region FY25 Salary \$61,401
- d. Clerical staff 1.0 FTE per 245 students with a minimum of 1.0 FTE FY25 Salary \$37,524
- e. Benefits at 21% for Director/Asst Director/BM 40% for Clerical
- f. Other Central Administrative Costs – 16% of administrative salary & benefits

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3) Student & Staff Support

a. Guidance Counselors

Students	FTE
349 or less	1.0
350 or more	1.5
Benefits at 26%	
FY25 Salary \$60,511	

a. Coordinator 1.0 FTE per CTE school + Benefits at 26% FY25 Salary \$60,511

b. Technology per pupil amount FY25 \$120

c. Co-Curricular per pupil amount FY25 \$46

d. Professional Development per pupil amount FY25 \$23

e. Safety per pupil amount FY25 \$45

f. Program transportation – as expended inflated by 1.9%

4) Supplies specific Amounts for specific Programs

Programs	Amount
Agriculture	Program Specific
Auto Tech	Program Specific
Autobody	Program Specific
Business	Program Specific
Child Care	Program Specific
CO-Op	Program Specific
Computer Repair	Program Specific
CTE Academics	Program Specific
Culinary Arts	Program Specific
Diversified Occupations	Program Specific
Drafting Eng	Program Specific
Electrician	Program Specific
Graphic Arts	Program Specific
Health	Program Specific
Machine Tool	Program Specific
Marketing	Program Specific
Multimedia	Program Specific
Pre-Engineering	Program Specific
Public Safety	Program Specific
Small Engine	Program Specific
Welding	Program Specific
Wood Harvesting et al.	Program Specific
All Other programs	General Amount
Additional Per-Pupil	Per pupil Amount - \$78

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- 5) Operations and Maintenance of Plant
 - a. Per Sq footage Amount FY25 \$6.20
- 6) Assessment
 - a. Per program student amount FY25 \$66.00
- 7) Expenditures:

Items excluded from expenditures for comparison to model				
	Excluded	Program	Function	Object
1	Tuition	3000	1000	5610-5690
2	Equipment	All non 3000	1000	7000-7500
3	School Transportation	3000	27##	All
4	Debt Service	3000	5000-5300	All
5	Building Acquisition & Construction	3000	4500	All
6	Food Service	3000	3100	All
7	Fund Transfer	3000	2230,2290	9000 - 9600

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FY25 Program Specific Supply Amounts		
CIPCode	Name	Amount
01.0000	Agriculture, General	\$7,226.00
1.0205	Agricultural Mechanics and Equipment/Machine Technology	\$7,226.00
1.0303	Aquaculture	\$6,884.00
1.0304	Crop Production	\$6,884.00
1.0601	Applied Horticulture/Horticulture Operations, General	\$6,884.00
1.1101	Plant Sciences, General	\$6,884.00
3.0101	Natural Resources/Conservation, General	\$6,884.00
3.0201	Natural Resources Management and Policy	\$6,884.00
3.0506	Forest Management/Forest Resources Management	\$6,884.00
3.0511	Forest Technology/Technician	\$11,158.00
9.0702	Digital Communication and Media/Multimedia	\$2,174.00
10.0202	Radio and Television Broadcasting Technology/Technician	\$6,884.00
10.0301	Graphic Communications, General	\$6,884.00
10.0303	Desktop Publishing and Digital Imaging Design	\$6,884.00
10.0305	Graphic and Printing Equipment Operator, General Production	\$6,884.00
11.0101	Computer and Information Sciences	\$6,884.00
11.0103	Information Technology	\$6,884.00

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11.1003	Computer Information Systems/Information Assurance	\$6,884.00
12.0401	Cosmetology/Cosmetologist	\$6,884.00
12.0501	Baking and Pastry Arts/Baker/Pastry Chef	\$6,884.00
12.0503	Culinary Arts/Chef Training	\$14,815.00
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant	\$6,884.00
13.1501	Teacher Assistant/Aide	\$6,931.00
14.1801	Materials Engineering	\$5,272.00
15.0000	Engineering Technology, General	\$5,272.00
15.0001	Applied Engineering Technologies/Technicians	\$6,884.00
15.0613	Manufacturing Technology/Technician	\$6,884.00
15.0617	Technology/Technician	\$6,931.00
15.0805	Mechanical Engineering/Mechanical Technology/Technician	\$5,272.00
15.1301	Drafting and Design Technology/Technician, General	\$6,884.00
15.1302	CAD/CADD Drafting and/or Design Technology/Technician	\$6,884.00
15.1303	Architectural Drafting and Architectural CAD/CADD	\$6,884.00
15.1701	Energy Systems Technology/Technician	\$6,884.00
19.0709	Child Care Provider/Assistant	\$1,853.00
19.071	Developmental Service Worker	\$6,884.00
31.0301	Parks, Recreation and Leisure Facilities Management	\$6,884.00
31.0601	Outdoor education	\$6,884.00
32.0105	Job-Seeking/Changing Skills	\$6,884.00
32.0107	Career Exploration/Awareness Skills	\$6,884.00
41.0101	Biology Technician/Biotechnology Laboratory Technician	\$6,884.00
43.0000	Security and Protective Services	\$2,621.00
43.0107	Criminal Justice/Police Science	\$2,621.00
43.0203	Fire Science/Fire-fighting	\$6,884.00
46.0000	Construction Trades, General	\$6,884.00
46.0101	Mason/Masonry	\$6,884.00
46.0201	Carpentry/Carpenter	\$6,884.00
46.0302	Electrician	\$8,980.00
46.0503	Plumbing Technology/Plumber	\$6,884.00
47.0101	Electrical/Electronics Equipment Installation and Repair, General	\$6,884.00
47.0104	Computer Installation and Repair Technology/Technician	\$3,809.00
47.0105	Industrial Electronics Technology/Technician	\$6,884.00
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	\$6,884.00
47.0302	Heavy Equipment Maintenance Technology/Technician	\$6,884.00
47.0603	Autobody/Collision and Repair Technology/Technician	\$9,727.00
47.0604	Automobile/Automotive Mechanics Technology/Technician	\$8,858.00
47.0605	Diesel Mechanics Technology/Technician	\$8,858.00
47.0606	Small Engine Mechanics and Repair Technology/Technician	\$1,902.00

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47.0614	Alternative fuel Vehicle Technology	\$6,931.00
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	\$6,884.00
48.0501	Machine Tool Technology/Machinist	\$5,930.00
48.0506	Sheet Metal Technology/Sheetworking	\$6,884.00
48.0508	Welding Technology/Welder	\$12,193.00
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	\$6,884.00
49.0205	Truck and Bus Driver/Commercial Vehicle Operation	\$6,884.00
50.0101	Visual and Performing Arts, General	\$6,884.00
50.0102	Digital Arts	\$6,884.00
50.0301	Dance	\$6,931.00
50.0402	Commercial and Advertising Art	\$6,884.00
50.0409	Graphic Design	\$7,750.00
50.0602	Cinematography and Film/Video Production	\$6,884.00
50.0913	Music Technology	\$6,931.00
51.0000	Health Services/Allied Health/Health Sciences, General	\$1,356.00
51.0710	Medical Office Assistant/Specialist	\$6,884.00
51.0801	Medical/Clinical Assistant	\$6,884.00
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	\$6,884.00
51.0913	Athletic Training/Trainer	\$6,884.00
51.1004	Clinical/Medical Laboratory Technician	\$6,884.00
51.1614	Nurse/Nursing Assistant/Aide and Patient Care Assistant	\$6,884.00
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	\$1,356.00
52.0201	Business Administration and Management, General.	\$955.00
52.0302	Accounting Technology/Technician and Bookkeeping	\$6,884.00
52.0401	Administrative Assistant and Secretarial Science, General	\$6,884.00
52.0407	Business/Office Automation/Technology/Data Entry	\$955.00
52.0408	General Office Occupations and Clerical Services	\$6,884.00
52.0801	Finance, General	\$6,884.00
52.0901	Hospitality Administration/Management, General	\$6,884.00
52.1401	Marketing/Marketing Management, General	\$2,135.00
52.1701	Insurance	\$6,884.00
52.1801	Sales, Distribution, and Marketing Operations, General	\$6,884.00
52.1803	Retailing and Retail Operations	\$6,884.00
52.1910	Hospitality and Recreation Marketing Operations	\$6,884.00
90.1166	Applied Academics- Mathematics	\$6,884.00
91.3372	Applied Academics-English	\$6,884.00
91.3374	Applied Academics-Social Sciences	\$6,884.00
97.3088	Applied Academics-History	\$6,884.00
99.1000	Maine CIP	\$725.00
99.3001	Maine CIP	\$6,884.00
99.4000	Maine CIP	\$6,884.00

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99.6000	Maine CIP	\$6,884.00
99.6001	Maine CIP	\$6,931.00
99.7000	Maine CIP	\$6,884.00
99.8000	Maine CIP	\$6,884.00