

CTTAM 2018 Salary Survey Results

Table 1 Answer	Current Employment Status		
	Average	Median	Sample
Employee	\$79,255	\$75,000	391
Retired	\$0	\$0	16
Self-Employed	\$89,933	\$85,000	18
Unemployed	\$90,000	\$120,000	5
Total			430

Table 2 Answer	Age		
	Average	Median	Sample
30 - under	\$65,885	\$65,000	78
31 - 35	\$75,703	\$75,000	70
36 - 40	\$72,830	\$75,000	53
41 - 45	\$79,868	\$75,000	70
46 - 50	\$84,195	\$85,000	42
51 - 55	\$93,990	\$95,000	52
56 - 60	\$97,066	\$94,095	37
61 - 65	\$91,400	\$90,000	15
66 - 70	\$73,333	\$95,000	7
over 70	\$63,333	\$55,000	6
Total			430

Table 3 Answer	Education		
	Average	Median	Sample
High School			0
Technical College Certificate			0
Technical College Diploma	\$81,253	\$75,000	341
University	\$70,870	\$65,000	89
Total			430

Table 4 Answer	Last Diploma/Degree Received		
	Average	Median	Sample
in Manitoba	\$81,947	\$85,000	339
Within Canada	\$88,906	\$85,000	34
Outside Canada	\$57,159	\$55,000	57
			430

Answer	CTTAM Membership Category		
	Average	Median	Sample
Certified Technicians	\$80,467	\$75,000	43
Certified Technologist	\$81,981	\$75,000	344
Non-certified	\$55,813	\$45,000	43
Total			430

Answer	Industry of Employment		
	Average	Median	Sample
Aerospace	\$95,182	\$95,000	11
Advanced Technologies	\$93,889	\$95,000	9
Agriculture	\$74,444	\$65,000	9
Civil	\$73,329	\$75,000	32
Construction	\$78,147	\$75,000	60
Consulting Engineering	\$75,383	\$70,454	43
Government	\$77,836	\$75,000	63
Manufacturing (durables)	\$70,864	\$65,000	50
Telecommunications	\$64,286	\$45,000	7
Transportation	\$71,765	\$75,000	17
Utilities	\$96,292	\$95,000	66
Other	\$74,280	\$74,760	53
Total			420

Answer	Field of Employment		
	Average	Median	Sample
Architectural	\$64,778	\$65,000	9
Biological/Biomedical	\$70,625	\$75,000	8
Biosciences	\$120,000	\$120,000	1
Building	\$75,769	\$75,000	15
Chemical	\$42,500	\$42,500	2
Civil	\$80,488	\$75,000	42
Communications	\$30,000	\$30,000	1
Computer	\$100,714	\$95,000	7
Construction	\$80,730	\$75,000	38
Design	\$82,174	\$75,000	23
Drafting/Engineering	\$73,438	\$72,500	32
Electrical	\$88,312	\$95,000	49
Electronics	\$72,194	\$65,000	31
Environmental/Geoscience	\$71,667	\$65,000	9
Industrial/Manufacturing	\$82,375	\$70,000	24
Instrumentation	\$83,384	\$75,000	14
Mechanical	\$82,500	\$75,000	22
Mineral Resources/Metallurgy	\$95,000	\$95,000	3
Municipal	\$73,444	\$75,000	27
Other	\$81,429	\$90,000	29
Structural	\$70,441	\$55,000	17
Surveying/Geometrics	\$91,250	\$95,000	8
Telecommunications	\$75,000	\$65,000	9
Total			420

Table 8**Years of Technical Experience**

Answer	Average	Median	Sample
5 and under	\$58,162	\$55,000	69
6 - 15	\$73,669	\$75,000	157
16 - 20	\$86,130	\$85,000	53
21 - 25	\$89,663	\$91,500	52
26 - 30	\$93,833	\$95,000	37
over 30	\$98,290	\$105,000	52
Total			420

Table 9**Employment Level**

Answer	Average	Median	Sample
Intermediate	\$70,421	\$65,000	32
Junior	\$50,256	\$55,000	160
Senior Manager	\$102,418	\$105,000	168
Specialist/Team Leader	\$85,739	\$85,000	57
Total			417

Table 10**Salary Based on Classification & Years of Experience**

Answer	Technologist			Technician			Associate		
	Average	Median	Sample	Average	Median	Sample	Average	Median	Sample
5 and under	\$61,800	\$55,000	49	\$4,800	\$55,000	5	\$49,667	\$45,000	15
6 - 15	\$78,096	\$75,000	122	\$63,947	\$65,000	19	\$50,000	\$45,000	15
16 - 20	\$86,729	\$85,000	41	\$86,667	\$90,000	6	\$76,667	\$65,000	3
21 - 25	\$89,791	\$95,000	35	\$102,056	\$85,000	10	\$60,625	\$56,250	5
26 - 30	\$95,464	\$95,000	28	\$90,833	\$90,000	6	\$80,000	\$80,000	2
over 30	\$98,000	\$105,000	41	\$98,719	\$105,000	10	\$105,000	\$105,000	1
Total			267			56			41

Table 11**Salary Based on Classification & Years of Experience**

Answer	Technologist			Technician			Associate		
	Average	Median	Sample	Average	Median	Sample	Average	Median	Sample
Architectural	\$68,583	\$65,000	12						
Biological/Biomedical	\$76,429	\$75,000	7				\$30,000	\$30,000	1
Biosciences	\$120,000	\$120,000	1						
Building	\$79,500	\$75,000	9	\$88,333	\$105,000	3	\$45,000	\$45,000	1
Chemical	\$55,000	\$55,000	1						
Civil	\$79,431	\$75,000	33	\$79,027	\$93,190	7	\$78,333	\$85,000	3
Communications	\$30,000	\$30,000	1						
Computer	\$100,000	\$95,000	6				\$105,000	\$105,000	1
Construction	\$85,375	\$80,000	31	\$55,000	\$55,000	2	\$48,333	\$45,000	3
Design	\$83,667	\$75,000	14	\$84,286	\$75,000	7	\$45,000	\$45,000	1
Drafting/Engineering	\$80,000	\$75,000	18	\$67,500	\$70,000	4	\$62,222	\$45,000	9
Electrical	\$92,454	\$95,000	37	\$79,333	\$85,000	9	\$50,000	\$50,000	2
Electronics	\$78,150	\$75,000	19	\$64,000	\$55,000	5	\$59,167	\$57,500	6
Environmental/Geoscience	\$73,750	\$70,000	8				\$55,000	\$55,000	1
Industrial/Manufacturing	\$86,500	\$90,000	10	\$93,667	\$65,000	6	\$47,000	\$45,000	5
Instrumentation	\$87,437	\$85,000	16						
Mechanical	\$80,688	\$75,000	16	\$89,125	\$83,250	4	\$85,000	\$85,000	1
Mineral Resources/Metallurgy	\$95,000	\$95,000	1						
Municipal	\$73,667	\$71,500	24	\$80,000	\$80,000	2	\$55,000	\$55,000	1
Other	\$86,364	\$90,000	23	\$95,000	\$95,000	3	\$31,667	\$30,000	3
Structural	\$72,000	\$55,000	25	\$65,000	\$65,000	1	\$52,500	\$52,500	1
Surveying/Geometrics	\$87,143	\$95,000	7	\$120,000	\$120,000	1			
Telecommunications	\$83,571	\$75,000	7	\$55,000	\$55,000	1	\$35,000	\$35,000	1

Table 12

Answer	Salary Based on Classification & Age								
	Technologist			Technician			Associate		
	Average	Median	Sample	Average	Median	Sample	Average	Median	Sample
30 - under	\$67,049	\$65,000	65	\$63,000	\$65,000	5	\$53,571	\$45,000	7
31 - 35	\$79,973	\$75,000	54	\$64,000	\$60,000	10	\$53,333	\$50,000	6
36 - 40	\$78,250	\$75,000	40	\$65,000	\$65,000	5	\$47,143	\$35,000	7
41 - 45	\$85,272	\$85,000	51	\$82,700	\$75,000	10	\$45,556	\$45,000	9
46 - 50	\$87,125	\$85,000	32	\$81,250	\$95,000	4	\$61,875	\$58,750	4
51 - 55	\$95,192	\$95,000	39	\$102,688	\$100,000	8	\$74,167	\$60,000	6
56 - 60	\$99,565	\$95,000	24	\$89,799	\$85,000	10	\$55,000	\$55,000	1
61 - 65	\$92,143	\$85,000	11	\$89,667	\$95,000	3	\$105,000	\$105,000	1
66 - 70	\$95,000	\$95,000	1	\$95,000	\$95,000	1			
over 70	\$63,333	\$55,000	3						

Table 13

Answer	Salary Based on Classification & Education Level								
	Technologist			Technician			Associate		
	Average	Median	Sample	Average	Median	Sample	Average	Median	Sample
Technical College Certificate									
Technical College Diploma	\$82,256	\$75,000	283	\$82,407	\$85,000	42	\$62,353	\$55,000	17
University	\$80,235	\$75,000	45	\$74,486	\$60,000	14	\$50,795	\$45,000	23

Table 14

Answer	Salary Based on Classification & Industry of Employment								
	Technologist			Technician			Associate		
	Average	Median	Sample	Average	Median	Sample	Average	Median	Sample
Aerospace	\$84,286	\$75,000	7	\$137,333	\$115,000	3	\$45,000	\$45,000	1
Advanced Technologies	\$95,714	\$95,000	7	87500	\$87,500	2			
Agriculture	\$88,333	\$100,000	6	\$45,500	\$45,500	2			
Civil	\$73,929	\$75,000	28	\$71,063	\$65,000	4	\$45,000	\$45,000	1
Construction	\$81,809	\$75,000	48	\$70,000	\$65,000	5	\$56,250	\$48,750	6
Consulting Engineering	\$73,065	\$65,000	32	\$87,857	\$95,000	7	\$50,714	\$55,000	7
Government	\$77,792	\$75,000	53	\$83,333	\$85,000	6	\$62,500	\$62,500	2
Manufacturing (durables)	\$79,505	\$75,000	34	\$62,500	\$55,000	6	\$46,500	\$45,000	10
Telecommunications	\$72,000	\$45,000	5	\$55,000	\$55,000	1	\$35,000	\$35,000	1
Transportation	\$79,505	\$75,000	11	\$60,000	\$75,000	3	\$68,333	\$55,000	3
Utilities	\$94,550	\$95,000	56	\$105,688	\$100,000	8	\$107,500	\$107,500	2
Other	\$79,088	\$75,000	34	\$68,889	\$65,000	10	\$57,857	\$55,000	7

Table 15**Salary Based on Classification & Employment Level**

Answer	Technologist		Technician			Associate			
	Average	Median	Sample	Average	Median	Sample	Average	Median	Sample
Intermediate	\$72,376	\$67,500	127	\$61,563	\$55,000	16	\$64,265	\$55,000	17
Junior	\$57,536	\$55,000	19	\$32,500	\$32,500	2	\$40,909	\$45,000	11
Senior Manager	\$101,804	\$105,000	47	\$105,625	\$112,500	8	\$105,000	\$105,000	1
Specialist/Team Leader	\$88,270	\$92,500	125	\$87,265	\$85,000	29	\$53,182	\$45,000	11

Benefits

Answer	Sample
Life Insurance Plan	357
Prescription Drug Plan	358
Disability Plan	333
Dental Plan	382
Extended Health Plan	317
Pension Plan	307
Supplied with Company Vehicle	51
None	20
Total	415
Skipped	15

CTTAM dues paid by

Answer	%	Sample
Self	32	132
Employer	68	286
Total		418