

2021-2022 Program Performance Report
Examination: COT® Multiple Choice
Triton College

POPULATION	# of Examinees	1st Attempt Pass	2nd Attempt Pass	3rd Attempt Pass	Total Passed	Initial Pass Rate %	Overall Pass Rate %	Mean Score
Program	12	7	1	0	8	70.00	66.67	119.08
All Program Graduates	122	92	3	1	96	79.31	78.69	129.01
All Candidates	410	320	30	4	357	86.96	87.07	133.02

Content Area Scores

	Percent of Exam	Program N = 14	All Program Graduates	All Candidates
CONTENT AREAS		Mean	Mean	Mean
History and Documentation	3	5.36	5.81	6.60
Visual Assessment	7	7.29	7.98	7.96
Visual Field Testing	3	2.57	3.64	3.75
Pupillary Assessment	4	4.64	4.74	5.12
Tonometry	4	5.00	5.65	6.13
Keratometry	3	4.29	4.48	4.58
Ocular Motility	6	8.43	8.98	8.60
Lensometry	3	2.86	3.57	3.84
Refraction, Retinoscopy & Refinement	5	5.93	7.12	7.00
Biometry	5	5.21	5.88	6.27
Supplemental Testing	2	3.50	3.94	4.14
Microbiology	3	3.86	4.15	4.32
Pharmacology	3	3.07	3.12	3.01
Surgical Assisting	6	7.71	8.04	8.59
Ophthalmic Patient Services & Education	12	13.71	15.36	16.44
General Medical Knowledge	5	6.14	6.67	6.41
Optics and Spectacles	5	4.93	5.43	5.53
Contact Lenses	5	3.93	4.12	4.45
Ophthalmic Imaging	7	7.71	8.47	8.75
Photography & Videography	6	4.93	5.25	5.81
Equipment Maintenance & Repair	1	1.21	1.47	1.49
Medical Ethics, Legal & Regulatory	2	3.50	3.42	3.58

Definitions

Pass Rate: Reported as a percentage
Mean: The average score

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Overall Score – by number of candidates

Population	First Time Examinees					Conditioned Examinees				
	Total	# Pass	Pass Rate	# Conditional Pass	Condition Rate	Total	# Pass	Pass Rate	# Conditional Pass	Condition Rate
Program	6	2	33.33	4	66.67	10	7	70	3	30
All Program Graduates	87	18	20.69	69	79.31	56	41	73.21	15	26.79
All Candidates	353	63	17.85	284	80.45	263	192	73.00	71	27.00

Skill Test Scores – by number of exams

Skill	Program				All Program Graduates				All Candidates			
	N	Pass	Fail	Pass Rate	N	Pass	Fail	Pass Rate	N	Pass	Fail	Pass Rate
Tonometry	6	6	0	100	94	89	5	94.68	399	348	51	87.22
Ocular Motility	11	7	4	63.64	125	72	53	57.6	529	287	242	54.25
Keratometry	9	9	0	100	98	81	17	82.65	444	313	131	70.5
Visual Fields	8	8	0	100	101	84	17	83.17	422	337	85	79.86
Lensometry	8	7	1	87.5	96	77	19	80.21	452	306	146	67.7
Retinoscopy	16	8	8	50	135	63	72	46.67	594	268	326	45.12
Refinement	7	7	0	100	100	80	20	80	454	302	152	66.52

Definitions-Top Table

- Pass:** The number of candidates who passed all areas of the Skill Evaluation in which they were testing.
Conditional Pass: The number of candidates who passed at least one task area on the initial Skill Evaluation, but needed to retake other skill areas.
Pass Rate: The percentage of candidates who passed all areas of the Skill Evaluation in which they were testing.

Definitions-Bottom Table

- N:** The number of exam attempts by Skill Evaluation area.
Pass: The number of exam attempts in which both technique and accuracy of reading were completed successfully.
Fail: The number of exam attempts in which either technique or accuracy of reading was not completed successfully.
Pass Rate: The percentage of exam attempts by Skill Evaluation area that were successfully completed.

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POPULATION	# of Examinees	1st Attempt Pass	2nd Attempt Pass	3rd Attempt Pass	Total Passed	Initial Pass Rate %	Overall Pass Rate %	Mean Score
Program	4	4	0	0	4	100.00	100.00	150.50
All Program Graduates	63	50	4	1	55	84.75	87.30	146.40
All Candidates	2049	1712	108	22	1849	89.40	90.24	147.14

Content Area Scores

	Percent of Exam (# items)	Program N = 4	All Program Graduates	All Candidates
CONTENT AREAS		Mean	Mean	Mean
History and Documentation	5% (9)	7.00	7.25	7.28
Visual Assessment	6% (11)	9.25	8.78	8.92
Visual Field Testing	4% (8)	6.25	5.43	5.37
Pupillary Assessment	3% (6)	3.50	3.72	3.96
Tonometry	4% (8)	6.75	6.15	5.68
Keratometry	2% (4)	2.25	2.68	2.54
Ocular Motility	4% (8)	6.25	6.46	6.08
Lensometry	3% (6)	5.25	4.69	4.27
Refraction, Retinoscopy & Refinement	5% (9)	8.00	7.29	7.26
Biometry	3% (6)	5.25	4.71	4.95
Supplemental Testing	3% (6)	4.25	4.17	4.23
Microbiology	3% (6)	4.00	3.77	4.04
Pharmacology	3% (6)	5.75	5.03	5.38
Surgical Assisting	4% (8)	6.25	6.42	6.47
Ophthalmic Patient Services & Education	14% (26)	20.00	20.66	20.83
General Medical Knowledge	14% (26)	21.25	19.17	19.61
Optics and Spectacles	2% (4)	4.00	3.62	3.48
Contact Lenses	2% (3)	2.00	2.26	2.22
Ophthalmic Imaging	5% (8)	7.00	6.83	6.66
Photography & Videography	5% (10)	8.00	7.86	8.18
Equipment Maintenance & Repair	2% (4)	2.75	2.37	2.62
Medical Ethics, Legal & Regulatory	4% (8)	5.50	6.14	6.45

Definitions

Pass Rate: Reported as a percentage
Mean: The average score