

Skills Analysis 2009 Cal-HOSA SLC

**Submitted by
Janet Gower**

This analysis is based on all students' score sheets. The analysis does not differentiate between secondary and post-secondary students.

Health Professions and Emergency Preparedness Events

Administrative Medical Assisting

Clinical Nursing

Medical Assisting Clinical

Nursing Assisting

Dental Assisting

Sports Medicine

CPR/First Aid

Administrative Medical Assisting

Procedure I-A Telephone Techniques Schedule an Appointment

Total Possible	30	Median Score	17.5	58%
		Mean Score	19.5	65%
Students Scored	8	Highest Score	24.5	82%
		Lowest Score	6	20%

Areas of Concern

Skills: 3, 4, 5, 6, 7, 8, 10

Administrative Medical Assisting

Procedure V Patient Information Data Entry

Total Possible	28	Median Score	19	67.8%
		Mean Score	20.4	72.8%
Students Scored	8	Highest Score	24.5	87.5%
		Lowest Score	13	46.4%

Areas of Concern

Skills: 3 a-d, 4, 6, 7, 8

Clinical Nursing

Procedure 1 Administer Medication- Intramuscular

Total Possible	48	Median Score	25	52%
		Mean Score	33.2	69%
Students Scored	7	Highest Score	44	91.6%
		Lowest Score	6	12.5%

Areas of Concern

Skills: 6 (Critical Technique), 15, 21h, 23

Clinical Nursing

Procedure VI Applying a Nasal Cannula or Oxygen Mask

Total Possible	23	Median Score	22	95.6%
		Mean Score	22	95.6%
Students Scored	7	Highest Score	23	100%
		Lowest Score	21	91.3%

Areas of Concern

Skill: 7

Medical Assisting Clinical

Procedure 1 Wrap Instruments for Autoclave

Total Possible	34	Median Score	28	82.3%
		Mean Score	25.1	73.8%
Students Scored	19	Highest Score	34	100%
		Lowest Score	6	17.6%

Areas of Concern
Skills: 1, 3, 6, 7

Medical Assisting Clinical

Procedure IV Measure Infant Weight, Length and Head Circumference

Notes: 3e- 8 out of 19 students used the alcohol-based hand rub for hand hygiene. 1j, 2f, and 3d-on all three measurements- students had difficulty recording the measurement accurately

Total Possible	42	Median Score	25.1	59.5%
		Mean Score	27	64.2%
Students Scored	19	Highest Score	38	90.4%
		Lowest Score	0	0%

Areas of Concern
Skills: 1h, 1i, 1j, 2a, 2f, 3d, 3e

Nursing Assisting

Procedure V Transfer Patient with Specified Disability from Bed to Chair/Wheelchair

Total Possible	45	Median Score	31	68.8%
		Mean Score	27.9	62%
Students Scored	28	Highest Score	42	93.3%
		Lowest Score	15	33.3%

Areas of Concern
Skills: 2, 3, 14, 17, 19

Nursing Assisting

Procedure VII Prepare a Patient for a Meal

Total Possible	30	Median Score	16	53.3%
		Mean Score	17	56.6%
Students Scored	28	Highest Score	28.5	90%
		Lowest Score	8	26.6%

Areas of Concern

Skills: 7, 9, 11, 14, 15

Dental Assisting

Procedure II Seating the Dental Patient

Total Possible	33	Median Score	19.2	58.3%
		Mean Score	18.3	55.4%
Students Scored	8	Highest Score	24.5	74.2%
		Lowest Score	9.5	28.7%

Areas of Concern

Skills: 2, 4, 6, 8, 12, 13, 15

Dental Assisting

Procedure VII Identifying Dental Instruments

Notes: This skill does not have to meet the 70% rule according to 2008-2009 updates: (The 70% mastery rule for skills will not apply to skills that are cognitive in nature, including: DA, VA and BT – Identify equipment. VA – Identify breeds. AMA – coding.)

Total Possible	15 for identification	Median Score	ID- 9.5	63.3%
	15 for spelling		SP- 9	60.0%
		Mean Score	ID- 9.5	63.3%
			SP- 7.8	52.5%
Students Scored	8	Highest Score	ID- 14	93.3%
			SP- 12	80.0%
		Lowest Score	ID- 1	6.6%
			SP- 1	6.6%

Sports Medicine

Procedure II-A Assess ROM and Strength Testing of Shoulder

Total Possible	51	Median Score	36	70.5%
		Mean Score	31.3%	61.3%
Students Scored	13	Highest Score	45	80%
		Lowest Score	8	15.6%

Areas of Concern

Skills: 2d, 3a, 3d, 5a-c, 6a-c, 8c, and 9a-b

Sports Medicine

Procedure III-A Taping-Ankle

Total Possible	46	Median Score	32.5	81.2%
		Mean Score	33.2	72.2%
Students Scored	13	Highest Score	39	84.6%
		Lowest Score	15.5	33.6%

Areas of Concern

Skills: 6, 7, 8, 16, 17, 18, 19, 22

CPR/First Aid

Procedure I Bleeding (Rescuer I)

Total Possible	70	Median Score	41	58.5%
		Mean Score	35.8	51.1%
Students Scored	29	Highest Score	62	88.5%
		Lowest Score	*0	0%

Areas of Concern

Skills 1, 8b, 8c, 11, 13a-g, 15a-d, 20b, 21, 22, 23, 24

* do to critical error

CPR/First Aid

Procedure VII Adult CPR (Rescuer II)

Total Possible	77	Median Score	64	83.1%
		Mean Score	59	76.7%
Students Scored	29	Highest Score	77	100%
		Lowest Score	12	1.2%

Areas of Concern

Skills: 1, 2, 4, 10a-o, 14a-c, 15, 16, 18

CPR/First Aid

Procedure VII Adult CPR (Rescuer I)

Total Possible	40	Median Score	34	85%
		Mean Score	29.7	74.4%
Students Scored	29	Highest Score	40	100%
		Lowest Score	*0	0%

Areas of Concern

Skills: 1, 6a-b,

* do to critical error

Leadership Events

Extemporaneous Poster

Extemporaneous Speaking

Extemporaneous Writing

Medical Photography

Job Seeking Skills

Researched Persuasive Speaking

Prepared Speaking

Extemporaneous Poster

Total Possible	100	Median Score	81	81%
		Mean Score	73	73%
Students Scored	18	Highest Score	96	96%
		Lowest Score	14%	14%

Areas of Concern

None noted. (These 18 posters were the final posters that were scored for the top 10)

Extemporaneous Speaking

Total Possible	100	Median Score	50	50%
		Mean Score	48	48%
Students Scored	19	Highest Score	90	90%
		Lowest Score	26	26%

Areas of Concern

Content

Item: c

Organization

Items: b, c

Delivery

Item: c

Extemporaneous Writing

Total Possible	100	Median Score	62	62%
		Mean Score	61	61%
Students Scored	23	Highest Score	89	89%
		Lowest Score	48	48%

Areas of Concern

Organization

Item: c

Medical Photography

Total Possible	100	Median Score	73	73%
		Mean Score	72	72%
Students Scored	30	Highest Score	100	100%
		Lowest Score	21	21%

Areas of Concern

The two main areas that need improvement (based on all three photos) are:
Items: d, e

Job Seeking Skills

Notes: 14 students did not follow directions and submit their cover letter or resume to headquarters

Cover Letter and Resume

Total Possible	20	Median Score	13	65%
		Mean Score	12	60%
Students Scored	19	Highest Score	20	100%
		Lowest Score	4.5	22.5%

Areas of Concern

Cover Letter

Item: 1b

Resume

Item: 2b

Interview

Total Possible	80	Median Score	63.5	79.3%
		Mean Score	65.6	82%
Students Scored	19	Highest Score	80	100%
		Lowest Score	26.5	33.1%

Areas of Concern

None noted

Researched Persuasive Speaking

Notes: Only one student scored 70% or better. Most students were scoring good, fair or poor on all items on the judges rating sheet.

Written Paper and Oral Presentation (combined)

Total Possible	100	Median Score	56	56%
		Mean Score	56	56%
Students Scored	12	Highest Score	99	99%
		Lowest Score	34	34%

Areas of Concern:

As noted above- all areas

Prepared Speaking

Total Possible	100	Median Score	67.3	67.3%
		Mean Score	67	67%
Students Scored	23	Highest Score	98.3	98.3%
		Lowest Score	23.7	23.7%

Areas of Concern

None noted

Team Work Events

Career Health Display
Creative Problem Solving
Community Awareness
Health Education
Medical Reading
Biomedical Debate

Career Health Display

Total Possible	100	Median Score	80	80%
		Mean Score	76	76
Teams Scored	62	Highest Score	100	100%
		Lowest Score	28	28%

Areas of Concern

Item: 1b

Creative Problem Solving

Notes: 8 out of 15 teams scored above the 70 percentile.

Total Possible	100	Median Score	74	74%
		Mean Score	73	73%
Teams Scored	15 teams	Highest Score	95	95%
		Lowest Score	61	61%

Areas of Concern

None noted

Community Awareness

Oral Presentation

Total Possible	75	Median Score	61	81%
		Mean Score	60	80%
Teams Scored	11	Highest Score	70	93%
		Lowest Score	43	57.3%

Areas of Concern

None noted

Portfolio

Total Possible	25	Median Score	20.7	82.8%
		Mean Score	19.8	79%
Students Scored	11	Highest Score	24	96%
		Lowest Score	12.2	48.8%

Areas of Concern

None noted

Health Education

DVD

Total Possible	55	Median Score	44	80%
		Mean Score	27	49%
Teams Scored	12	Highest Score	49	89%
		Lowest Score	*0	0%

Areas of Concern

*Students need to make sure they have functioning DVD

Interview and Notebook

Total Possible	55	Median Score	43	78%
		Mean Score	41.8	76%
Teams Scored	12	Highest Score	47.5	86%
		Lowest Score	31	56%

Areas of Concern

None noted

Medical Reading

Total Possible	48	Median Score	20.3	42.2%
		Mean Score	20.7	43.1%
Teams Scored		Highest Score	30.6	63.7%
		Lowest Score	8	16.6%

Biomedical Debate

Preliminary Round

Total Possible	55	Median Score	38	69%
		Mean Score	35.5	64.5%
Teams Scored	14	Highest Score	52.5	95.4%
		Lowest Score	19	35.4%

Areas of Concern

Skills: 1, 3

Notes: The Negative side scored overall better than the affirmative

Affirmative

Total Possible	100	Median Score	56.5	56.5%
		Mean Score	56.2	56.2%
Teams Scored	7	Highest Score	75.7	75.7%
		Lowest Score	27	27%

Negative

Total Possible	100	Median Score	63	63%
		Mean Score	65.2	65.5%
Teams Scored	7	Highest Score	89.7	89.7%
		Lowest Score	34.2	34.2%

Recognition Events

National Recognition
Outstanding HOSA Chapter

National Recognition Program

Notes: Students need to follow directions and complete all items for this event
In order to be recognized students needed to have a 70% of 96 which is a score of 67

Total Possible	96	Median Score	76	79.1%
		Mean Score	74.7	78%
Students Scored	43	Highest Score	96	100%
		Lowest Score	36	37.5%

Outstanding HOSA Chapter

Notes: Students need to follow directions and complete all items for this event

Total Possible	68	Median Score	60	88.2%
		Mean Score	53.6	78.8%
Scrapbooks Scored		Highest Score	68	100%
		Lowest Score	31	45.5%