

**Spring 2014  
Institutional Learning Outcomes Assessment Report**

**Term Assessments Took Place: Fall 2012 and Spring 2013**

**Type of Outcome: ILO #3**

**Step 1: Learning Outcomes Statement**

**ILO #3. Interpersonal and Group Skills:** Students are able to work with others with respect, honesty, responsibility, empathy, and collaborative synergy. They can also manage conflict and advocate for themselves and others with integrity.

**Step 2: Means of Assessment (Measurement Method)**

Using data collected in eLumen in Fall 2012 and Spring 2013, 761 records were collected using a four level rubric. The information from the 4 level rubric was used to indicate a student's progress on achieving the Interpersonal and Group Skills Institutional Learning Outcome.

**Step 3: Criteria for Success (Benchmark)**

Each year the IEAO Committee will identify the two ILOs with the lowest student performance scores and focus on identifying strategies for improvement in those two areas. ILOs 1, 5, and 6 were identified as having the lowest scores on the assessments, 78% of the scores were 2 or higher on the 4-point rubric ranging from 0 – 3. The IEAOC chose ILO #1, Critical Thinking, and ILO #5, Information Literacy, to develop improvement plans for because these two areas were assessed much more extensively and ILO #6, Ethics and Values, will have more assessments as we improve the mapping and data collection process.

**Step 4: Summary of Evidence**

82% of the responses were scored at a 2 or higher on the course outcomes.

| <b>Rubric Level</b> | <b>Rubric Description</b>  | <b>#</b> | <b>%</b> | <b>%</b> |
|---------------------|--|----------|----------|----------|
| 0                   | No demonstrated achievement  | 100      | 13.1     | 17.6     |
| 1                   | Minimal evidence of achievement – below expectations   | 34       | 4.5      |          |
| 2                   | Adequate evidence of achievement – met stated outcome or expectations  | 168      | 22.1     | 82.4     |
| 3                   | Significant evidence of achievement – surpassed stated outcome, mastery or near mastery of learning expectations | 459      | 60.3     |          |
|                     | Total  | 761      | 100.0    | 100.0    |

**Step 5: Use of Results (Implications for Program Improvement & Planning)**

Based on the process adopted by the Institutional Effectiveness, Accreditation, and Outcomes Committee (IEAOC) where the ILO assessments with the two lowest scores are examined further, the committee will examine the Critical Thinking and Information Literacy ILOs, and will re-examine this ILO next year.

**Table 1: Spring 2013 Student ratings on the CCSSE.**

| How much has your experience at this college contributed to your knowledge, skills, and personal development in the following...        | Likert Scale |             |            |             |             |             |            |             |             | % of Quite a Bit or Higher |
|---|--------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|----------------------------|
|   | Very Little  |             | Some       |             | Quite a Bit |             | Very Much  |             | Total       |                            |
|   | #            | %           | #          | %           | #           | %           | #          | %           | #           |                            |
| Working effectively with others   | 52           | 8.0         | 207        | 31.8        | 224         | 34.5        | 167        | 25.7        | 650         | 60.2                       |
| How much does this college emphasize the following?   | #            | %           | #          | %           | #           | %           | #          | %           | #           | % of Quite a Bit or Higher |
| Encouraging contact among students from different economic, social, and racial or ethnic backgrounds                                    | 107          | 16.5        | 195        | 30.1        | 195         | 30.1        | 151        | 23.3        | 648         | <b>53.4</b>                |
| In your experiences at this college during the current school year, about how often have you done each of the following?                | Never        |             | Sometimes  |             | Often       |             | Very Often |             | Total       | % of Quite a Bit or Higher |
|   | #            | %           | #          | %           | #           | %           | #          | %           | #           |                            |
| Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)                 | 66           | 10.1        | 216        | 33.0        | 212         | 32.4        | 161        | 24.6        | 655         | <b>56.9</b>                |
| Had serious conversations with students of a different race or ethnicity other than your own  | 93           | 14.2        | 170        | 25.9        | 178         | 27.1        | 215        | 32.8        | 656         | <b>59.9</b>                |
| Had serious conversations with students who differ from you in terms of their religious beliefs, political opinions, or personal values | 99           | 15.1        | 183        | 27.9        | 186         | 28.4        | 187        | 28.5        | 655         | <b>56.9</b>                |
| <b>Total</b>  | <b>417</b>   | <b>12.8</b> | <b>971</b> | <b>29.7</b> | <b>995</b>  | <b>30.5</b> | <b>881</b> | <b>27.0</b> | <b>3264</b> | <b>57.5</b>                |

**Table 2: Fall 2012 and Spring 2013 eLumen Summary of Results by Outcome Statement.**

| Outcome Statements   |   | Rubric Value |      |      |       | Total |
|--|---|--------------|------|------|-------|-------|
|  |   | 0            | 1    | 2    | 3     |       |
| The student will successfully demonstrate completion of 1 full workload (16 units).  | # | 0            | 0    | 0    | 10    | 10    |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| 2. Students will choose artwork and literature for inclusion of the school literary magazine.  | # | 0            | 0    | 0    | 14    | 14    |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| 3. Students will layout and design the school literary magazine.   | # | 0            | 0    | 0    | 14    | 14    |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| Apply knowledge of ASL and Deaf Culture beyond the classroom in interactions within multicultural communities and the world.   | # | 21           | 34   | 168  | 50    | 273   |
|  | % | 7.7          | 12.5 | 61.5 | 18.3  | 100.0 |
| By the end of the class the student will be able to demonstrate proficiency in the management of the patient with ARDS.  | # | 8            | 0    | 0    | 19    | 27    |
|  | % | 29.6         | 0.0  | 0.0  | 70.4  | 100.0 |
| The student will complete a passing score of a C grade evaluation from each of the three (3) clinical rotations.   | # | 0            | 0    | 0    | 1     | 1     |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| The student will complete a passing score of a C grade evaluation from each of the three (3) clinical rotations.   | # | 0            | 0    | 0    | 9     | 9     |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| The student will consistently attend clinical rotation with a minimal absence of less than 2 days.   | # | 0            | 0    | 0    | 1     | 1     |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| The student will consistently attend clinical rotation with a minimal absence of less than 2 days.   | # | 0            | 0    | 0    | 9     | 9     |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| The student will correctly and adequately demonstrate how to ventilate with a self-inflating resuscitation bag on a patient.   | # | 13           | 0    | 0    | 15    | 28    |
|  | % | 46.4         | 0.0  | 0.0  | 53.6  | 100.0 |
| The student will demonstrate his/her understanding of medical gas cylinders and delivery methods, completing the following steps under the supervision of a clinical instructor. | # | 0            | 0    | 0    | 31    | 31    |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| The student will demonstrate how to administrate aerosolized medication via small volume nebulizer to a patient in an acute care or alternate site.                              | # | 0            | 0    | 0    | 31    | 31    |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| The student will demonstrate how to assess a patient in an acute care or alternate care site.  | # | 9            | 0    | 0    | 22    | 31    |
|  | % | 29.0         | 0.0  | 0.0  | 71.0  | 100.0 |
| The student will demonstrate how to assess a patient's ventilatory status using safe, aseptic technique and minimizing patient discomfort.                                       | # | 0            | 0    | 0    | 27    | 27    |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |
| The student will demonstrate how to extubate a patient using proper procedure and universal precaution.  | # | 0            | 0    | 0    | 27    | 27    |
|  | % | 0.0          | 0.0  | 0.0  | 100.0 | 100.0 |

|   |   |      |     |      |       |       |
|---|---|------|-----|------|-------|-------|
| The student will demonstrate how to instruct and administer incentive spirometry on a patient in an acute care or alternate site.   | # | 15   | 0   | 0    | 16    | 31    |
|   | % | 48.4 | 0.0 | 0.0  | 51.6  | 100.0 |
| The student will demonstrate how to mechanically aspirate secretions, when indicated by auscultation, from the patient's airway.  | # | 1    | 0   | 0    | 27    | 28    |
|   | % | 3.6  | 0.0 | 0.0  | 96.4  | 100.0 |
| The student will demonstrate how to monitor ventilator parameters according to RT department policy.  | # | 0    | 0   | 0    | 27    | 27    |
|   | % | 0.0  | 0.0 | 0.0  | 100.0 | 100.0 |
| The student will demonstrate how to perform an ECG on a patient in an acute care or alternate care site.  | # | 0    | 0   | 0    | 27    | 27    |
|   | % | 0.0  | 0.0 | 0.0  | 100.0 | 100.0 |
| The student will demonstrate how to perform percussion, postural drainage and vibration on a patient in an acute care or alternate site.  | # | 8    | 0   | 0    | 20    | 28    |
|   | % | 28.6 | 0.0 | 0.0  | 71.4  | 100.0 |
| The student will demonstrate how to properly perform IPPB or IPV on a patient in an acute or alternate site.  | # | 5    | 0   | 0    | 23    | 28    |
|   | % | 17.9 | 0.0 | 0.0  | 82.1  | 100.0 |
| The student will demonstrate how to set up a nasal cannula to a patient and will determine the approximate FIO2 delivered per liter of flow.  | # | 12   | 0   | 0    | 19    | 31    |
|   | % | 38.7 | 0.0 | 0.0  | 61.3  | 100.0 |
| The student will demonstrate how to set up an aerosol mask, T-piece, Tracheostomy collar, or face tent with supplemental O2 on a patient, ensuring proper fractional inspired oxygen (FIO2), if ordered, and adequate total flow to meet patient inspiratory flow demand. | # | 8    | 0   | 0    | 20    | 28    |
|   | % | 28.6 | 0.0 | 0.0  | 71.4  | 100.0 |
| Total   | # | 100  | 34  | 168  | 459   | 761   |
|   | % | 13.1 | 4.5 | 22.1 | 60.3  | 100.0 |