Person completing Assessment Plan: Scott Helkaa

Program Mission Statement:
The Ophthalmic Technology program prepares graduates to be professional manufacturing and dispensing opticians. The program includes instruction and laboratory training in: contact lenses skills, eyewear dispensing skills, lens finishing techniques, lens surfacing techniques, as well as sales techniques, basic business operations and communications. Instruction and practice in low vision aids, physician assisting, and ocular prosthetics are also covered.

Current Program Outcomes

Graduates of this program will be able to:
1. Demonstrate the ability to analyze the prescriptive and lifestyle needs of a patient and make appropriate recommendations for optical devices.
2. Demonstrate the ability to perform all the daily tasks of a laboratory and dispensing optician in a competent manner.
3. Demonstrate the competencies necessary to pass the ABO, NCLE, and Nevada State Board of Dispensing Opticians licensing examinations.

Proposed Changes to Program Outcomes

Graduates of this program will be able to:
1. Analyze the prescriptive and lifestyle needs of a patient and make recommendations for optical devices.
2. Prepare eyewear in accordance to the patient’s prescription, current ANSI standards and the job order specifications.
3. Complete competencies necessary to pass the ABO/NCLE, and Nevada state Board of Dispensing Opticians licensing examinations.
4. Ability principles of verbal and written communication with Patients, Coworkers, Optometrists/Ophthalmologists, Lab Technicians and Supervisors.
5. Develop patient action plans for low vision and contact lens patients.
6. Use proper eyewear dispensing protocol for any style of eyewear or low vision device.

Direct Measure of Learning
Students are assessed using both written and performance criteria (skills demonstration). Each laboratory and clinical course makes use of a series of tasks that the student needs to complete in order to demonstrate an acceptable level of mastery of the material/task. Each task has a Task Completion Check-off Sheet. Each sub skill related to the task is graded on a Likert scale with a final score given for the task assignment.

The final direct measure of learning will take place in OPHT 291 Clinical Application III. Student will be required to complete a capstone project demonstrating competency in Ophthalmic dispensing protocols, judgments and knowledge synthesis. The capstone project will be evaluated using a competency rubric.
Indirect Measures of Learning

Graduation rates:
At least 10 of the students who enter the Ophthalmic Technician Program will graduate in four semesters. NEW standard based on current experiences and covered in prior reports.

Performance on Licensure Exams:
75% of graduates from Ophthalmic Technician program will meet or exceed the National Pass Rate on the ABO Exam, NCLE exam and the Nevada State Board of Dispensing Opticians Licensure Exam.

Job Placement (Graduate Survey):
Within 6 months of graduation, at least 80% of all graduates who desire employment will be employed in the field of Opticianry.

Program Satisfaction (Graduate Survey):
80% of Program Graduates will rate the quality of curriculum, classroom and clinical use in attaining program outcomes an average of a 3.0 or higher on a 5 point Likert scale.

Program Satisfaction (Employer Survey):
80% of Graduates will rate the quality of curriculum, classroom and clinical use in attaining program outcomes an average of a 3.0 or higher on a 5 point Likert scale.

Assessment Action Plan

Review and revise educational outcomes/learning competencies and performance assessment tools in OPHT 102, OPTH 105, OPHT 112, OPHT 121, OPHT 123 and OPHT 155.
Construct a rubric for evaluating the program direct measure of learning
Complete an annual assessment report. Outcomes of direct measure of learning will be included in the annual report.

AY 2: 2015-2016
Review and revise Program Goals/Program Outcomes
Review and revise educational outcomes/learning competencies and performance assessment tools in OPHT 201, OPHT 202, OPHT 203, OPHT 220 and OPHT 223.
Complete an annual assessment report. Outcomes of direct measure of learning will be included in the annual report.

AY 3: 2016-2017
Review and revise educational outcomes/learning competencies and performance assessment tools in OPHT 232, OPHT 260, OPHT 291 and OPHT 299.
Complete an annual assessment report. Outcomes of direct measure of learning will be included in the annual report.
Write next multi-year program assessment plan
### ASSESSMENT PLAN- Curriculum Map

**School:** Health Sciences  
**Academic Program:** Ophthalmic technician – Dispensing Technician Emphasis  
**Submitted By:** Scott Helkaa, Program Director, Ophthalmic Technology programs  
**Date Submitted to School Assessment Coordinator (Due November 1):** November 10, 2014

<table>
<thead>
<tr>
<th><strong>A. Learning Outcome</strong></th>
<th><strong>B. Covered by Accreditation Standard(s)</strong></th>
<th><strong>C. Which Standard(s) Cover this Outcome?</strong></th>
<th><strong>D. If not covered through accreditation, when and how will students</strong></th>
<th><strong>E. AY in which assessment will occur</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Demonstrate the ability to analyze the prescriptive and lifestyle needs of the patient and make appropriate recommendations for optical devises.</td>
<td>Yes</td>
<td>Number: 8, 9, 11, 12, 15, 16, 18, 20, 24.</td>
<td></td>
<td>2014-2015</td>
</tr>
<tr>
<td>2) Demonstrate the ability to perform all the daily tasks of a laboratory and dispensing optician in a competent manner</td>
<td>Yes</td>
<td>Number: 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24</td>
<td></td>
<td>2015-2016</td>
</tr>
<tr>
<td>3) Demonstrate the competencies necessary to pass the ABO, NCLE, and Nevada State Board of Dispensing Opticians licensing examinations.</td>
<td>Yes</td>
<td>This is covered By ALL standards listed by COA Essentials.</td>
<td></td>
<td>2016-2017</td>
</tr>
<tr>
<td>A. Learning Outcome</td>
<td>B. Course(s) where outcome is Introduced or First Covered</td>
<td>C. Course(s) where outcome is reinforced</td>
<td>D. Course(s) where Students’ Achievement of This Outcome is assessed</td>
<td>E. Semester in which outcome receives final assessment</td>
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<tr>
<td>1) Demonstrate the ability to analyze the prescriptive and lifestyle needs of the patient and make appropriate recommendations for optical devises.</td>
<td>OPHT 201B Ophthalmic Dispensing One Lecture and Clinic</td>
<td>OPHT 223, OPHT 102B, OPHT 202, OPHT 203, and OPHT 291</td>
<td>Assessed in all courses.</td>
<td>4th semester</td>
</tr>
<tr>
<td>2) Demonstrate the ability to perform all the daily tasks of a laboratory and dispensing optician in a competent manner.</td>
<td>OPHT 121 – Ophthalmic Optics I – Lecture and Lab</td>
<td>OPHT 123, OPHT 201, OPHT 223, OPHT 202, OPHT 203, OPHT 291</td>
<td>Assessed in all courses.</td>
<td>2nd semester for eyeglass skills and 4th semester for contact lens skills.</td>
</tr>
<tr>
<td>3) Demonstrate the competencies necessary to pass the ABO, NCLE, and Nevada State Board of Dispensing Opticians licensing examinations.</td>
<td>OPHT 201 – Ophthalmic Dispensing I.</td>
<td>All 15 Ophthalmic Optics Courses.</td>
<td>Assessed in all courses.</td>
<td>2nd semester for eyeglass skills and 4th semester for contact lens skills.</td>
</tr>
</tbody>
</table>