



ALAMO  
COLLEGES

ST. PHILIP'S COLLEGE

Substantive Change Prospectus:  
Implementation of a New Degree Program Fall 2014:  
Vision Care Technology, A.A.S.

Prepared by St. Philip's College

Submitted to Commission on Colleges of the  
Southern Association of Colleges and Schools

February 20, 2014

**Contact for questions regarding the prospectus**

Karen J. Sides  
Dean of Interdisciplinary Programs  
(210) 486-2339  
ksides@alamo.edu

**List Degrees the institution is authorized to grant**

St. Philip's College is authorized to grant the Associate of Arts degree.

St. Philip's College is authorized to grant the Associate of Science degree.

St. Philip's offers the following Fields of Study

- Associate of Arts in Teaching, Teacher Certification: 8-12, and Other EC-12
- Associate of Arts in Teaching, Teacher Certification: EC-6, 4-8, and EC-12
- Associate of Arts, concentration in Business Administration
- Associate of Arts, concentration in Criminal Justice
- Associate of Arts, concentration in Music
- Associate of Arts, concentration in Speech
- Associate of Science, concentration in Computer Science
- Associate of Science, Concentration in Engineering
- Associate of Science, concentration in Mechanical Engineering

St. Philip's College is authorized to grant the Associate of Applied Science degree in the following programs/majors:

Accounting Technician	Early Childhood Studies
Accreditation Leadership (2598)	Electrical Trades
Administrative Office Technology	GM Automotive Service Educational Program
Air Conditioning and Heating	Health Information Technology
Aircraft Technician Airframe	Health Management
Aircraft Technician Powerplant	Hospitality Event Management
Automotive Technology - Option II Ford	Hotel Management
Automotive Technology	Industrial Maintenance Management
Baking and Pastry Arts	Invasive Cardiovascular Technology
Biomedical Equipment Technology	Language and Literacy in Preschool (2563)
Business Management and Technology (2739)	Medical Laboratory Technician
CNC Manufacturing Technician	Network Administrator
Collision/Refinishing Technician	Network Security Administrator
Computer Aided Drafting (Architectural)	Occupational Therapy Assistant
Computer Maintenance Technology with Network Specialization	Occupational Safety and Health Association

Computer Maintenance Technology	Physical Therapist Assistant
Construction Business Management (2755)	Power Generation and Alternative Energy
Construction Technology	Precision Metal Workers: Manufacturing Operations Technician
Culinary Arts	Radiography Technologist
Desktop Support Specialist	Refrigeration Technology
Diagnostic Medical Sonography	Respiratory Care Technology
Diesel Construction Equipment Technician	Restaurant Management
Diesel/Light to Heavy Truck Technology	Web Developer
	Welder/Welding Technologist

**St. Philip's College is authorized to grant Certificates in the following programs/majors:**

Advanced Cisco Systems Networking	Health Information Specialist
Air Conditioning and Heating	Heating and Air Conditioning Specialist
Aircraft Mechanic Airframe	Histologic Technician
Aircraft Mechanic Powerplant	Home Building
Aircraft Structures Mechanic	Hotel Limited Service Property Management
Aircraft Turbine Mechanic	Legal Word Processing Specialist
Architectural Drafting 3D Enhanced Skills	Machinist/Machine Technologist
Automotive Technology	Manual/Semi-Manual Inert Gas Welding GTAW/GMAW Welder
Avionics	Microsoft Office Specialist (MOS)
Baking Principles	Network Professional *
Brake and Front End Specialist	Network Professional: Server+
Building Trades	Network Systems Technician
Child Development Associate National Credential (CDA)	Office Assistant
Cisco Systems Networking	Payroll Clerk
CNC Operator	Performance Specialist
Coding Specialist	Plastics
Collision Technology	Plumber's Helper
CompTIA Linux+ Certification Preparation (MSAC)	Plumbing Trades
Computer Aided Drafting Technician (Architectural)	Power Generation and Alternative Energy
Computerized Accounting Technician	Precision Metal Worker: Production Tool Operator / Maintenance Assistant
Culinary Studies	Precision Metal Workers: Manufacturing Operations Maintenance Assistant
Data Driven Web Developer	Precision Metal Workers: Manufacturing Operations Maintenance Mechanic

Desktop Support Specialist	Precision Metal Workers: Manufacturing Skills Trade Helper
Diesel/Heavy Equipment Technology Diesel/Light to Heavy Duty Truck Transmission Specialist (2660)	Refinishing Technology
Diesel/Light to Heavy Truck Technology (2524)	Refrigeration
Documentation Coding Specialist	Specialty Medical Transcriptionist
Early Childhood Studies	Structural/Pipe Layout
Electrical Trades	Surgical Technology
Electronics Assistant	Transmission Specialist
Entrepreneurship	Vocational Nursing
Ford Maintenance and Light-Duty Repair	Web Designer Level I
General Medical Transcriptionist	Web Developer Level II

**List certificate, diploma, and degree programs which are related to the proposed programs:**

The Vision Care Technology program will fall under the Associate of Applied Science degree.

**List institutional strengths that facilitate the offering of the proposed program (s):**

St. Philip's College has a history of meeting the diverse educational and industry needs of the San Antonio Community. In an effort to continue to be responsive to this need, St. Philip's College offers these strengths to facilitate the offering of the Vision Care Technology program:

**1. San Antonio area occupational demand;**

The Vision Care Technology profession forecasts significant job opportunities over the next 10 years. Annually in the Alamo Region, due to growth, 100 new jobs are projected over a 10 year period (2010-2020), with an additional 85 new job openings due to replacement. Job opportunities for Vision Care Technology graduates are expected to grow in the Alamo Colleges service area at a rate of 23% over the next 10 years (2010-2020). The average hourly wage for Dispensing Opticians in 2012 was \$14.77 per hour and the annual salary was \$27,915. (Appendix A - SOCRATES Occupational Profile - SOC 29-2081 – Opticians, Dispensing)

Per the Bureau of Labor Statistics website, the demand for new Dispensing Opticians is expected to grow by an estimated 23% through 2022.

**2. Facilities**

St. Philip's College recently opened the Center for Health Professions in 2009. The Center for Health Professions will be the home of the Vision Care Technology program. Its capabilities consist of classrooms and labs meant to replicate various departments found throughout healthcare facilities and support Health Services career programs such as



vocational nursing, surgical technology, radiology and diagnostic imaging, physical therapy, respiratory therapy, occupational therapy, and invasive cardiovascular technology. Both the physical therapy and respiratory therapy programs at St. Philip's College are rated Exemplary by the Texas Higher Education Coordinating Board. Recently St. Philip's College completed renovations of the Science Building. The newly renovated building is used for instructional purposes, to include Chemistry and Biology classroom and lab spaces.

Additionally, St. Philip's College recently opened the Center of Excellence in Science. The Center was built to increase the flow of two-year college graduates transferring to four-year universities for science and related degrees that lead to high pay jobs in the green economy.

### **3. Affiliation Agreement with the University of The Incarnate Word Rosenberg School of Optometry Eye Care Center**

The University of The Incarnate Word (UIW) recently opened the "Bowden Eye Care and Health Center" in June of 2013 and is located adjacent to St. Philip's College. The "Bowden Eye Care and Health Center" was named after Ms. Artemisia Bowden. Ms. Bowden was a local civic leader and pioneer for education who served at St. Philip's College for 52 years, from 1898 to 1950. During her tenure Ms. Bowden had many titles, to include president. But no matter the title, Ms. Bowden was looked upon as the leader of this institution.

The Affiliation Agreement (Appendix B) states that UIW will provide;

- facilities and equipment necessary for SPC to conduct and meet clinical and lab objectives to meet the curriculum needs (Our students will be able to walk from campus to attend their labs and clinicals)
- consultation to assist the program of study to meet national and state accrediting standards for the planned Vision Care Technology program
- a staff member (designated as the "Assistant Clinical Director of the Eye Care Center") to adequately supervise and evaluate the performance of students when attending clinicals at the "Bowden Eye Care and Health Center" using the evaluation criteria set forth by SPC
- a pool of Optometric faculty to jointly teach specialized laboratory courses requiring Ophthalmic equipment available at the "Bowden Eye Care and Health Center"

**List of existing approved off-campus sites and their addresses**

<b>LOCATION</b>	<b>COURSES AND PROGRAMS</b>
Southwest Campus (SWC), San Antonio(Bexar County) 78211	General Academic Courses
Central Texas Technology Center, New Braunfels (Comal County) 78130	General Academic and Vocational Courses
Guadalupe Regional Training Center, Seguin (Guadalupe County) 78155	General Academic, Technical and Vocational Courses
Wilson Memorial Hospital, Floresville (Wilson County) 78114	Vocational Courses
Canyon High School, New Braunfels, Texas (Comal County) 78130	Technical Courses
Canyon High School, New Braunfels, Texas (Comal County) 78130	Technical and Vocational Courses
Seguin High School, Seguin, Texas (Guadalupe County) 78155	Vocational Courses
Smithson Valley High School New Braunfels, Texas (Comal County) 78130	Technical and Vocational Courses
Madison High School San Antonio, Texas (Bexar County) 78247	Technical and Vocational Courses
Reagan High School , San Antonio, Texas (Bexar County) 78258	Technical and Vocational Courses
McArthur High School, San Antonio, Texas (Bexar County) 78217	Technical and Vocational Courses
Highlands High School, San Antonio, Texas (Bexar County) 78210	Technical and Vocational Courses
First Baptist Christian Academy	Technical and Vocational Courses
Floresville High School, Floresville, Texas (Wilson County) 78114	Technical Courses
Floresville High School, Floresville, Texas (Wilson County) 78114	Technical and Vocational Courses and Programs
New Braunfels High School, New Braunfels, Texas (Comal County) 78130	Technical and Vocational Courses and Programs
Bandera High School, Bandera, Texas (Bandera County) 78003	Technical and Vocational Courses and Programs
Memorial Early College High School, New Braunfels (Comal County) 78130	General Academic Courses
Lackland Air Force Base, San Antonio, Texas (Bexar County) 78236	General Academic, Technical and Vocational Courses
Randolph Air Force Base, San Antonio, Texas (Bexar County) 78148	General Academic, Technical and Vocational Courses

## **TABLE OF CONTENTS**

<b>Abstract.....</b>	<b>8</b>
<b>Background Information.....</b>	<b>8</b>
<b>Assessment of Need and Program Planning/Approval.....</b>	<b>9</b>
<b>Description of the Change.....</b>	<b>9</b>
<b>Faculty.....</b>	<b>11</b>
<b>Library and Learning Resources.....</b>	<b>11</b>
<b>Physical Resources.....</b>	<b>14</b>
<b>Financial Support.....</b>	<b>14</b>
<b>Evaluation and Assessment.....</b>	<b>15</b>

### **Appendices:**

**Appendix A. Occupational Profile**

**Appendix B. Affiliation Agreement**

**Appendix C. SPC Curriculum Committee Approved Minutes**

**Appendix D. Alamo Colleges Curriculum Council Approved Minutes**

**Appendix E. Community Survey**

**Appendix F. Vision Care Technology curriculum**

## **ABSTRACT**

**St. Philip's College, Division of Health Sciences, Department of Allied Health is proposing to start a new Vision Care Technology program. Students will earn an Associate of Applied Science Degree in Vision Care Technology. Proposed effective date for program implementation is fall 2014.**

**Program will admit a new cohort of students every fall semester. Annually, a cohort of 20 – 26 students is expected for this two year program. We anticipate a graduation rate of 18-24 students annually.**

**The instructional delivery methods will include didactic, laboratory and clinical settings. The majority of the didactic courses in this program will be held at the St. Philip's College, Martin Luther King campus (MLK) at 1801 Martin Luther King Drive, San Antonio, Texas, 78203. The majority of the laboratory and clinical portions of the program (more than 24% but less than 50% of the program) will take place at the University of Incarnate Word Bowden Eye Care and Health Clinic, located at 2547 East Commerce Street, San Antonio, Texas, 78203.**

## **BACKGROUND INFORMATION**

**The Associate of Applied Science in Vision Care Technology will train students to assist ophthalmologists and optometrists in examining and treating patients with vision problems, vision disorders, and eye diseases. Training will include instruction in taking patient histories, administering directed treatments and topical medications, diagnostic test procedures and equipment operation, anatomical and functional ocular measurements, patient care and instruction, ophthalmic and surgical equipment maintenance, safety and sterilization procedures, and office administrative procedures.**

**Graduates from the program will assist ophthalmologists by performing ophthalmic clinical functions such as, administering eye exams, administering eye medications, and instructing the patient in care and use of corrective lenses.**

**There are no other colleges within the Alamo Colleges that offer this program or a related program. There are two other similar programs in the state: Tyler Junior College and San Jacinto College.**

**St. Philip's College Curriculum Committee approved the program on January 16, 2014 (Appendix C). The Alamo Colleges Curriculum Council preliminarily approved the program**

February 3, 2014 (Appendix D). Implementation of the program is dependent on the approval of the Presidents/Vice Chancellors Committee, the Alamo Colleges Board of Trustees and the Texas Higher Education Coordinating Board.

## **ASSESSMENT OF NEED AND PROGRAM PLANNING/APPROVAL**

The dean of health sciences and the chair of the Allied Health department at St. Philip's College began the development of the Vision Care Technology program after meeting with the Dean of the University of the Incarnate Word Rosenberg School of Optometry. At this initial meeting is where St. Philip's College, in collaboration with the University of The Incarnate Word, laid out the foundation to create a Vision Care Technology program for our students.

The first step was to assess community need. A community survey was sent out by the Health Sciences Quality Assurance Coordinator and the consensus was the Vision Care program was wanted and very much in need (Appendix E).

According to the Texas Workforce Commission – Texas CARES website; "Employers increasingly prefer dispensing opticians to complete certification or graduate from an accredited 2-year associate's degree program in Opticianry."

From this point forward the collaboration continued with UIW and the Rosenberg School of Optometry Dean, Faculty and Staff to ensure we were each in line with each other's institutional missions. The Alamo Colleges Dean's Workforce Council, St. Philip's College Curriculum Committee, and the Alamo College Curriculum Council, which are each inclusive of faculty and staff, all contributed in providing valuable input in building the curriculum to meet Texas Higher Education Coordinating Board (THECB), Alamo Colleges, and St. Philip's College requirements.

## **DESCRIPTION OF THE CHANGE**

**Program Objectives:** St. Philip's College requests approval to begin a program in Vision Care Technology with the intent that students will earn an Associate of Applied Science Degree. Curriculum for the AAS degree would begin in the fall 2014 semester. The Associate of Applied Science Degree in Vision Care Technology will prepare students for technical careers in the ophthalmic/optometric services industry. Students will assist ophthalmologists by performing ophthalmic clinical functions and they may administer eye exams, administer eye

medications and instruction the patient in care and use of corrective lenses. Students will possess the knowledge and technical skills to;

- Sterilize and maintain ophthalmic equipment and instruments
- Conduct ocular motility tests to measure function of eye muscles
- Conduct visual field tests to measure field of vision
- Measure and record lens power, using lensometers
- Design, measure, fit, and adapt lenses and frames for client according to written optical prescription or specification.
- Measure customer for size of eyeglasses and coordinate frames with facial and eye measurements and optical prescription.
- Prepare work order for optical laboratory containing instructions for grinding and mounting lenses in frames.
- Verify exactness of finished lens spectacles and contact lenses.
- Cut, grind, and polish eyeglasses, contact lenses, or other precision optical elements.

**Curriculum:** The Vision Care Technology curriculum (Appendix F) will require students to complete 60 semester credit hours including 15 semester hours of general education hours. The general education courses are in the Lower Division Academic Course Guide Manual of Texas Higher Education Coordinating Board and meet the Texas Higher Education Coordination Board's general education requirement for an Associate of Applied Science degree. The general education coursework will include Mathematics, English, Humanities, Natural Science, Philosophy, and Learning Frameworks.

The workforce education requirement of the curriculum are in the Guidelines for Instructional Programs in Workforce Education (GIPWE) of the THECB and will include 45 hours of technical coursework with 480 hours in the clinical setting. Through clinical rotations students will receive valuable clinical experience in an actual Eye Care and Health Center. After start-up the Vision Care Technology program will be working toward receiving accreditation through the American Board of Opticianry, where students will be eligible to earn national credentials.

Admission and graduation requirements for students within the program will be the same as other Associate of Applied Science programs offered by St. Philip's College.

The Chair of the Allied Health Department will administer the program under the direction of the Dean of Health Sciences. The Chair will follow procedures set forth by the Vice President of Academic Affairs, and the College and District Curriculum Committees. An Advisory Board will be assembled with volunteer members of this board being active in the

ophthalmic/optometric services industry throughout the San Antonio area. The advisory board will meet at least bi-annually to evaluate the program and recommend updates or other changes. Proposed Schedule of Course Offerings is included in Appendix F.

## **FACULTY**

St. Philip's College's Division of Health Sciences administrator, faculty and staff will be working closely with the Dean of The University of the Incarnate Word Rosenberg School of Optometry Eye Care Center to collaborate on hiring of appropriate personnel; i.e. program director and faculty.

The Chair of the Allied Health Department will administer the program under the direction of the Dean of Health Sciences. The Chair will follow procedures set forth by the Vice President of Academic Success and the College and District Curriculum Committees. An Advisory Board will be assembled with volunteer members of this board being active in the ophthalmic/optometric services industry throughout the San Antonio area. The advisory board will meet at least bi-annually to evaluate the program and recommend updates or other changes.

St. Philip's College is committed to hiring 2 full time faculty and 2 adjunct faculty that are sufficiently qualified to support the Vision Care Technology program. One full time faculty member will be hired as the program director and the other full time faculty member will be hired as the clinical coordinator. Both will have teaching loads equivalent to 15 credit hours per semester to meet the needs of 25 students in fall 2014 and 50 students beginning in fall 2015. This load will allow faculty sufficient time to develop curriculum, participate in program and institutional assessment initiatives, advise students, serve on committees and participate in professional organizations.

The program director will be a certified para-professional within the optometric/ophthalmic field or be an optometrist. The other faculty members will have a minimum of an associate degree and be a certified dispensing optician or ophthalmic technician.

## **LIBRARY AND LEARNING RESOURCES**

*Note: St. Philip's College has two libraries – one on the main Martin Luther King Campus and another at the Southwest Campus. Except where otherwise noted, this report on library resources refers to the library located at the Martin Luther King Campus where the SPC Center for Health Professions resides.*

**Vision Care Technology students have access to a substantial collection of books, periodicals, and electronic databases within the St. Philip's College Library. The SPC Library includes resources in multiple formats including print, microform, audio-visual, and electronic.**

**Other resources complement the Learning Resource Center's holdings. For example, the students, faculty and staff of St. Philip's College can borrow and request materials from other libraries within the Alamo Colleges District. Also, through TexShare, St. Philip's College has access to a multitude of additional resources to locate information. TexShare is a voluntary statewide consortium of libraries in not-for-profit higher education institutions and public libraries that promotes access to library and information resources for Texas citizens and is administered by the Texas State Library. St. Philip's College students, faculty, and staff have access to TexShare electronic databases and can borrow materials from other TexShare libraries across the state through a reciprocal borrowing program.**

**Resources for information available to St. Philip's College students, faculty, and staff include:**

- **The holdings of the St. Philip's College Library**
- **The holdings of other Alamo Colleges District libraries (San Antonio College, Palo Alto College, Northeast Lakeview College, and Northwest Vista College).**
- **Electronic books and reference materials available through EBSCO (formerly NetLibrary),**
- **Electronic Book Library (EBL), CREDO Reference, and Gale Virtual Reference Library.**
- **Electronic databases (with access to articles, streaming videos, research materials, and test prep resources) pertinent to the health sciences and medicine including those provided through the TexShare consortium:**

- **Academic One File**
- **Academic Search Complete**
- **AHFS Consumer Medication Information**
- **CINAHL Plus with Full Text (Cumulative Index to Nursing and Allied Health Literature)**
- **CREDO Reference**
- **Current Contents**
- **Consumer Health Complete**
- **Gale Virtual Reference Library**
- **Health Reference Center Academic**
- **Health Source: Consumer Edition**
- **Health Source Nursing/Academic**
- **MEDLINE with MeSH**



- Natural & Alternative Treatments
  - Nursing and Allied Health Collection
  - ProQuest Nursing and Allied Health Source
  - Physical Therapy and Sports Medicine Collection
  - Psychology and Behavioral Sciences Collection
  - Science Direct
  - Web of Knowledge
- Streaming video collections pertinent to the health sciences and medicine:
    - Films on Demand (Films Media Group) Health & Medicine Video Collection – over 2,400 titles available
    - Medcom Video Training Program Collection (through ProQuest Nursing & Allied Health Source) – over 170 titles available

All electronic materials pertinent to nursing, medicine, and health are accessible to current St. Philip's College students, faculty, staff, and administrators both on and off campus, 24 hours a day, seven days a week. Computer access is also available at the Library. Forty-nine computers are available to students in the Reference Services area with access to the Internet, Microsoft Office Suite products, electronic databases, and automated printing capabilities. The library also offers 10 iPad checkouts for in-library use. iPads are preloaded with various productivity, reference, multimedia and medical apps, and students can submit requests for additional apps to be added.

The Library's website (<http://www.alamo.edu/spc/library> ) provides links to the Library's online catalog, electronic databases, ebook collections, and other resources, all of which are accessible to current students, faculty, staff and administrators while on and off campus. The website also features information on the large variety of services offered by the library such as interlibrary loan services, resources for distance learning, information literacy instruction, virtual reference service (email, chat, and SMS texting, and branded as "Ask A Librarian"), a library wiki (LibAnswers) and general information assistance.

Online Catalog – The Library's online public access catalog provides access to its holdings information 24 hours a day, seven days a week from any computer with an Internet connection. It also catalogs and includes links to access many of the Library's ebooks. For ease of searching, the online catalog lists holdings information for all libraries in the Alamo Colleges District, including the St. Philip's College Library, and is available at <http://library.alamo.edu>. See Appendix G for physical resource listings.

## **PHYSICAL RESOURCES**

St. Philip's College recently opened the Center for Health Professions in 2009. The Center for Health Professions will be the home of the Vision Care Technology program. Didactic courses will be taught on our main campus with labs and clinicals being taught at the "Bowden Eye Care and Health Center". Students will use state-of-the-art equipment provided by The University of the Incarnate Word located at the "Bowden Eye Care and Health Center".

The UIW Eye Institute is an \$8 million-dollar facility poised to serve the vision care needs of residents on the Eastside and surrounding areas. The UIW Eye Institute is a 30,000 square-foot, state-of-the-art facility that incorporates traditional patient care with modern clinical technology. There are 28 fully-operational examination rooms, 12 treatment and therapy rooms, and a modern Optical Service with full optical fabrication capabilities. Equipment available for students at The University of the Incarnate Word Bowden Eye Care and Health Center includes: ophthalmic lensometers, keratometers, ophthalmometers, autorefractors, phoropters, topographs, pentacams, and a variety of visual field machines.

## **FINANCIAL SUPPORT**

St. Philip's College administration is committed to providing the funding necessary to begin the Vision Care Technology program. Funding for the Associate of Applied Science in Vision Care Technology program will come primarily from three sources: tuition, special tuition fees, and state contact hour reimbursement. The primary expenditures will come from salaries for faculty and a program director. Other expenditures will be related to equipment. Do note the University of the Incarnate Word "Bowden Eye Care and Health Center" will be providing state-of-the-art lab/clinical equipment for our students to use during their lab and/or clinical courses. This will significantly reduce our start-up expenditures.

The operation and management of the program will fall under the Division of Health Sciences, Allied Health Department. A unique code will be generated to provide the program with its own unique budget for expenditures and revenue. All funds needed for the program will be provided by the college through the program's annual institutional operating budget.

## **EVALUATION AND ASSESSMENT**

The college uses various means to assess the effectiveness of instructional programs. No one instrument can provide a comprehensive evaluation of program effectiveness so the college uses a combination of voluntary and mandatory programs to evaluate instructional effectiveness.

**Instructor evaluation by Chair.** The Chair evaluates the performance of each instructor annually until the instructor is granted tenure, after which evaluation occurs every other year. Chair's evaluate the progress of the instructor toward tenure and promotion at this time.

Instructor classroom observations are conducted by the Chair. The Chair observes the instructors in the classroom and makes recommendations to improve the instructors' performance. This observation is also used to evaluate instructors for promotion and tenure.

**Peer reviews.** A group of three tenured instructors observes all non-tenured faculty once each year to ensure all instructors meet college standards of performance in the classroom. This observation is also used to evaluate instructors for promotion and tenure.

**Student surveys.** All classes are evaluated each semester. The evaluations are used by the Chair of the department for yearly performance appraisals. The evaluations are also used to evaluate faculty for promotion and tenure.

**Employers surveys.** Each employer of a graduate of the Vision Care Technology Program will evaluate the employee no sooner than six months and no later than one year of initial employment using a survey provided by the Health Sciences Quality Assurance Coordinator. The employer evaluates the graduate and the program to determine if the college is meeting their expectations.

**Quality Enhancement Program.** The QEP provides a process to assess student competency in critical thinking skill development across all programs. Specific student learning outcomes are measured using faculty-developed and calibrated rubrics. The process for developing students' critical thinking skills includes faculty training in critical thinking skill development, infusion of critical thinking learning activities in the classroom, and development of assessable artifacts. Sampled artifacts are submitted for evaluation and scored by a team of faculty assessors across disciplines.

**Educational Testing Service Proficiency Profile Exam.** Standardized testing is used to measure gains in general education core competencies. The ETS is used to assess core competency skills in Reading, Writing and Mathematics. Using a random sample of classes from Arts & Sciences, Applied Science & Technology and Health Sciences, the College administers exams to a cross-section of the student population. This cross-sectional assessment allows students from different areas of study to demonstrate competencies.

**Community College Survey of Student Engagement.** The college uses the CCSSE to determine how effectively the college is engaging students in the college experience and how it may impact student learning outcomes.

**Performance Metrics.** THECB reports on participation, graduation, and placement. The college must meet THECB goals to maintain programs in good standing with the state. Programs that fail to meet standards must develop an action plan to address shortcomings or face deactivation of the program.

**APPENDIX A.**  
**Occupational Profile**

# SOCRATES 2020

## Occupational Profile

With available Labor Market Information for Texas

### SOC 29-2081 Opticians, Dispensing

#### OCCUPATION DESCRIPTION

##### General Job Description

Design, measure, fit, and adapt lenses and frames for client according to written optical prescription or specification. Assist client with inserting, removing, and caring for contact lenses. Assist client with selecting frames. Measure customer for size of eyeglasses and coordinate frames with facial and eye measurements and optical prescription. Prepare work order for optical laboratory containing instructions for grinding and mounting lenses in frames. Verify exactness of finished lens spectacles. Adjust frame and lens position to fit client. May shape or reshape frames. Includes contact lens opticians.

##### Method of Entry

High school diploma or equivalent. Typically requires the completion of high school or an equivalent program resulting in the award of a high school diploma or an equivalent, such as the General Educational Development (GED) credential.

##### Use of Advanced Technology

Every occupation includes some relationship between job duties and the use of advanced technology -- defined as work activities and environments that incorporate complex electronics as found in computers, lasers, robotics, digital devices, satellites, etc. While basic computer skills such as "keyboarding" apply to an increasing number of occupations, each has different levels of technology interface. Opticians, Dispensing is classified as an occupation whose job duties involve occasional use of technology.

#### EMPLOYMENT OUTLOOK

##### Texas Labor Market Information

Texas Employment 2010: 4,270  
 Projected Texas Employment 2020: 5,250  
 Absolute Change 2010 - 2020: 980  
 Percent Change 2010 - 2020: 23.00%  
 Average Hourly Wage 2012: \$14.77  
 Average Openings per year due to Replacement: 85  
 Average Openings per year due to Growth: 100

##### National Labor Market Information

National Employment 2010: 62,600  
 Projected National Employment 2020: 80,700  
 Absolute Change 2010 - 2020: 18,100  
 Percent Change 2010 - 2020: 28.90%  
 Average Hourly Wage 2012: \$16.83  
 Average Openings per year due to Replacement: Not Available  
 Average Openings per year due to Growth: Not Available

##### Additional Labor Market Information

Turnover: LOW  
 Average Age of Workers in Occupation: 37.7  
 Average Years in Occupation: 4.3  
 Average Years with Current Employer: 2.9  
 Percent Female: 79.9%  
 Percent Non-White: 14.0%

**APPENDIX B.**  
**Affiliation Agreement**

6-01-11

**AFFILIATION AGREEMENT BETWEEN  
UNIVERSITY OF THE INCARNATE WORD  
ROSENBERG SCHOOL OF OPTOMETRY EYE CARE CENTER  
AND  
ALAMO COMMUNITY COLLEGE DISTRICT**

Alamo Community College District and the Rosenberg School of Optometry of the University of the Incarnate Word have identified common areas of interest for which they are developing the academic and operational protocols.

**Purpose**

The institutions have an interest in developing a complete Optometric program utilizing the resources of both institutions to develop an unequaled program of quality characterized by economics of scale.

**Background of the Program**

1. The growing population in both the Pediatric and Geriatric areas of population will demand significant increases in the ability to provide health care particularly in terms of vision in the coming years.
2. There is no complete educational program available to provide access to individuals seeking professional degrees in a sensible and affordable manner within the Optometric academic system.

**Rationale of the Program**

1. The University of the Incarnate Word Rosenberg School of Optometry currently has the only Bachelor of Science in Visual Science Program leading into their doctorate in Optometry Program.
2. One of the stated objectives of the Rosenberg School of Optometry mission is to provide access to individuals who might normally not have access to complete the Doctor of Optometry degree. There is an emphasis in the overall mission of the University of the Incarnate Word to give access particularly in the Southwest Texas area. Access to a doctoral program is not realistic unless a path is created to proceed through the demanding academic curriculum from the earliest educational years. An individual who is not ready to be accepted into the Bachelor of Science in Vision Science or uncertain if Optometry is their chosen career could start at St. Philip's College (a division of Alamo Colleges) in the 2+2 Associate of Science in Health Professions degree which maps into the BS in Vision Science, or the individual may choose the Optometric Technician program while they complete their academic preparation and career planning.
3. St. Philip's College currently has the infrastructure to provide the faculty necessary to teach in the basic areas of both the Medical Staff and Optometric Technician program. The University of the Incarnate Word with its Eastside Eye Care Center would be directly adjacent to the St. Philip's College Campus and much of the expense for equipment needed to conduct an Optometric Technician Program would be provided by the Eastside Eye Care Center resulting in reduced costs for equipment and a site for clinical lab placement for students at St. Philip's College.



4. The training base of the two institutions would provide much needed visual care to the Eastside and other surrounding areas of the city of San Antonio.

#### **Text of Affiliation Agreement**

This Affiliation Agreement ("Agreement") is made effective on June 5, 2013 (hereinafter referred to as the "Effective Date"), and entered into by and between Alamo Community College District, a public junior college district and a political subdivision of the State of Texas, on behalf of Alamo Colleges for the AS Degree and St. Philip's College for the AAS Degree in the Optometric Technician Program, The University Of The Incarnate Word Rosenberg School Of Optometry Eye Care Center (hereinafter referred to as "Facility"), collectively sometimes referred to herein as "the Parties."

**WHEREAS**, Alamo Colleges has a curriculum in Allied Health and Nursing Education herein after referred to as "Program";

**WHEREAS**, clinical practice is a required and integral component of the curricula of Allied Health and Nursing Education;

**WHEREAS**, Alamo Colleges desires the cooperation of facilities and St. Philip's College in the development and implementation of the clinical practice phase of the Optometric Technician curricula; and

**WHEREAS**, Facility recognizes its professional responsibility to participate in the education of Optometric Technician Students.

**NOW THEREFORE**, in consideration of the mutual agreements set forth herein, Alamo Colleges and the Facility agree to the following Terms and Conditions:

#### **TERMS AND CONDITIONS**

1. **AFFILIATION**. Alamo Colleges and Facility hereby agree to affiliate for purposes of operating the Optometric Technician Program. Facility authorizes Alamo Colleges to conduct Laboratory Portions of the program where specialized Ophthalmic Equipment is necessary to conduct the training Program pursuant the Terms and Conditions of this Agreement within the Facility's premises, and the Facility shall evaluate the methods used in the implementation of the Program and determine the impact that the Program is having on the operation of Facility. In the event that Facility determines, in its sole discretion, that the Program is adversely impacting the delivery of health care to its patients or is otherwise interfering with the appropriate operation of the Facility, Alamo Colleges, upon receiving thirty (30) days written notice from Facility, will modify the Program or discontinue operating the Program at Facility until the matter is resolved by the Parties.
2. **ALAMO COLLEGES'S OBLIGATIONS**. In operating the Optometric Technician Program at Facility, Alamo Colleges agrees to:
  - 2.1 Assume full responsibility of the planning and implementation of Program including, but not limited to the clinical objectives and on-going evaluation of the performance of the assigned students;
  - 2.2 Communicate directly with the Assistant Director of the Eye Care Center regarding any matters relative to the operation of the Program at the Facility;
  - 2.3 Notify Facility, of its planned schedule of student assignments, including the names of student, level of academic status, and length and dates of clinical practice for each student;

- 2.4 Advise the assigned student of the responsibility of complying with the existing rules and regulations of Facility;
- 2.5 Instruct assigned students and faculty that confidentiality of medical information of the patients of Facility must be maintained at all times by student and faculty of Alamo Colleges as required by law and the policies of Facility and that the obligation to maintain confidentiality shall continue even if this Agreement is terminated;
- 2.6 Be responsible for all administrative functions related to the assigned students;
- 2.7 Appoint a faculty member to provide the on-site supervisory and other professional administrative and managerial services for the Program as may be reasonably requested by Facility, including reporting to the "Assistant Director of the Eye Care Center" and
- 2.8 Maintain in force a policy of professional liability insurance for students and faculty with limits of one million (\$1,000,000.00) for each individual occurrence and three million (\$3,000,000.00) aggregate damage. Each student will be required to sign a waiver of release at the Facility.

**3. FACILITY'S OBLIGATIONS.** In operating the Optometry Technician Program, Facility agrees to:

- 3.1 The Facility will provide consultation for the St. Philip's College Optometric Program. The consultant is a non-paid position which acts to assist the program of study to meet accrediting standards for the planned Optometric technician program, St. Philip's College.
- 3.2 Provide appropriate facilities and equipment necessary, as determined in its discretion, for Alamo Colleges to conduct and meet clinical objectives for the Optometric Program at 2547 East Commerce Street School of Optometry Eye Care Center and or 4301 Broadway San Antonio Main Campus.
- 3.3 Determine the number of students which it can reasonably accommodate during a given period of time and notify Alamo Colleges of such number;
- 3.4 Advise Alamo Colleges of changes in its personnel, operation, or policies which may affect the Program and/or the students' clinical practice;
- 3.5 Provide to Alamo Colleges and make available to assigned students, a copy of the Facility's current, applicable rules and regulations with which the students are expected to comply;
- 3.6 Designate a staff member who will be responsible for the supervision of assigned students, hereinafter referred to as "Assistant Clinical Director of the Eye Care Center," who shall have sufficient education, training and experience in the individual discipline to adequately supervise the assigned students and when applicable, the Assistant Clinical Director of the Eye Care Center will adhere to the terms set forth in the form attached hereto as Addendum A, which is incorporated herein for all purposes;

3.7 Evaluate the performance of the assigned students on a regular basis as requested by Alamo Colleges and using the evaluation criteria established by Alamo Colleges; and

3.8 Retain ultimate responsibility for patient care.

4. **THE PARTIES' JOINT OBLIGATIONS.** In operating the Program, the Parties agree that:

4.1 In the event of the failure or refusal of an assigned student to follow the Facility's policies and procedures, rules and regulations or an assigned student poses a threat of injury or harm to Facility's patient(s), employee(s) or staff, Facility shall immediately notify Alamo Colleges and Alamo Colleges shall immediately remove the student from all patient contact and/or the premises of the Facility. The student shall be barred from the Facility until such time that the Parties agree on an appropriate course of action and the student poses no further risk; and

4.2 They shall comply with all applicable provisions of the Family Education Rights and Privacy Act ("FERPA") (20 USC §1232g), and all other applicable federal and state constitution, laws and regulations applicable to the performance rendered under this Agreement. The Parties agree to have in place and abide by a policy prohibiting sexual harassment that complies with applicable federal and state standards. Parties further agree to make no distinction on the basis of race, color, gender, sexual preference, religion, age, genetic information, disability, national origin, veteran status or political affiliation. For the purpose of this Agreement, such distinctions include but are not limited to the following: Denying a person any service or benefit or availability of a facility; providing any service or benefit to a person which is different, or is provided in a different manner or at a different time, from that provided to other persons under this Agreement; subjecting a person to segregation or separate treatment in any matter related to receipt of any advantage or privilege enjoyed by others receiving any service or benefit; treating a person differently from others in determining whether they satisfy any admission, enrollment, quota, eligibility, membership or any other requirement, or condition which individuals must meet in order to be provided any service or benefit.

4.3 The assigned students shall not receive any remuneration from Alamo Colleges or Facility.

4.4 Optometric faculty to teach specialized laboratory courses requiring Ophthalmic equipment available at the Eye Care Center, to be shared between both campuses, providing St. Philip's College with access to an additional pool of instructors.

5. **TERM AND TERMINATION.**

5.1 This Agreement shall commence on the Effective Date stated herein above and shall continue until June 5, 2014. This Agreement shall automatically renew for successive one (1) year terms thereafter. Either Party may terminate this Agreement, with or without cause, by providing the other sixty (60) days prior written notice of its intent to terminate. Termination shall be effective at the end of the semester during which notice is given. The Facility shall not be required to provide its facilities for clinical practice for students who enroll in the Alamo Colleges Program subsequent to the date of the notice of termination, and those students already assigned to receive clinical practice at the Facility shall have the opportunity to fully complete the course of study which is in progress.

6. **MISCELLANEOUS.**

6.1 **Notices.** All notices given pursuant to this Agreement shall be in writing and shall either be mailed by first class mail, postage prepaid, registered or certified with return receipt requested, or delivered in person to the intended addressee, or sent by fax or overnight delivery service. Notice mailed shall be effective on mailing. Notice given in any other manner shall be

effective on receipt. For purposes of notice, the addresses of the Parties shall be as stated under their names as set forth herein, provided, however, that each Party shall have the right to change its address for notice hereunder to any other location by the giving of 10 days' notice to the other Parties in the manner set forth above.

**ALAMO COLLEGES:**

Campus: St. Philip's College  
Department: Allied Health  
Attention: Adena Williams Loston  
Title: President  
Address: 1801 Martin Luther King  
Room No.: CHP 130  
City/State: San Antonio, Texas 782203-2098

**With a copy to:**

Attention: Lacy Hampton  
Vice President for College Services  
St. Philip's College  
1801 Martin Luther King  
San Antonio, Texas 782203-2098

**FACILITY:**

Attention: \_\_\_\_\_  
Title: \_\_\_\_\_  
Department: Optometry Eye Care Center  
Address 2547 East Commerce Street,  
Room No.: \_\_\_\_\_  
City/State/Zip: San Antonio, Texas 782203-2098

- 6.2 **Governing Law.** This Agreement shall be governed by and construed in accordance with the substantive federal laws of the United States and the internal laws and Constitution of the State of Texas.
- 6.3 **Successors and Assigns.** This Agreement shall be binding on and shall inure to the benefit of the Parties, and their respective heirs, legal representatives, successors and assigns. This Agreement may not in total or part be assigned or transferred directly or indirectly to another subsidiary/agency without sixty (60) days prior written notice, delivered to the other Party in accordance with Subsection 6.1 herein.
- 6.4 **Entire Agreement.** This Agreement, and any exhibits or addenda attached, contain the entire agreement among the Parties relating to the subject matter hereof, and all prior agreements relative hereto which are not contained herein are terminated. Any and each Exhibit to this Agreement is incorporated herein for all purposes.

- 6.5 Amendments.** Amendments or modifications may be made to this Agreement only in writing and duly executed by the Parties.
- 6.6 Force Majeure.** Any party shall be temporarily excused from performance otherwise due hereunder only to the extent that, and for so long as, such performance is rendered impossible by reason of factors beyond that party's control and not occasioned by the negligence of the party or its affiliates, including, but not limited to, acts of God. Any party experiencing or anticipating a force majeure event shall promptly notify the other party in writing thereof.
- 6.7 Severability.** It is intended this Agreement to be performed in accordance with, and only to the extent permitted by, all applicable laws, ordinances, rules and regulations. If any provision of this Agreement or the application thereof to any person or circumstance shall, for any reason and to any extent, be invalid or unenforceable, but the extent of such invalidity or unenforceability does not destroy the basis of the bargain among the Parties as expressed herein, the remainder of this Agreement and the application of such provision to other persons or circumstances shall not be affected thereby, but rather shall be enforced to the greatest extent permitted by law.
- 6.8 Gender and Number.** Whenever required by the context, as used in this Agreement, the singular number shall include the plural and the neuter shall include the masculine or feminine gender, and vice versa.
- 6.9 Captions.** The Section and Subsection headings appearing in this Agreement are for convenience of reference only and are not intended, to any extent or for any purpose, to limit or define the text of any Section or Subsection.
- 6.10 Counterparts.** This Agreement may be executed in counterparts, each one of which shall be an original, and different parties may sign different counterparts, all of which shall constitute but one document.
- 6.11 Drafters.** Each Party to this Agreement has been afforded the opportunity to negotiate the terms of this Agreement, and to consult legal counsel regarding same; therefore, the Parties waive and disclaim the application of any principle of contract interpretation that would construe any ambiguity herein against either Party as drafter hereof.
- 6.12 Annual Review.** This Agreement shall be evaluated and reviewed annually by the Parties for the purpose of making any agreed revisions that may be deemed advisable or necessary.
- 6.13 No Third Party Beneficiaries.** Unless otherwise expressly specified elsewhere herein, nothing in this Agreement shall be construed as creating or giving rise to any rights in any third parties, including, but not limited to any faculty or students of Alamo Colleges, or any persons other than the Parties.

*[Remainder of Page Intentionally, Left Blank]*

**ALAMO COMMUNITY COLLEGE DISTRICT**  
**(Alamo Colleges):**

**FACILITY:**

By: *B. Leslie* 5/10/2013  
Date  
Dr. Bruce Leslie  
Chancellor  
Alamo Colleges

By: *Andrew Buzzelli*  
Date  
Dr. Andrew Buzzelli  
Dean, Rosenberg School of Optometry  
University of the Incarnate Word

By: *Adena Williams Loston* 6/5/13  
Date  
Dr. Adena Williams Loston,  
President  
St. Philips College

*Douglas B Endsley* 6/20/13  
Date  
Douglas B Endsley  
V.P. Business & Finance  
University of the Incarnate Word

By: *Rose Spruill* 6/3/13  
Date  
Rose Spruill  
Dean of Health Science Division  
St. Philip's College

Approved as to Form Only:

Office of Legal Services Date

APPROVED  
AS TO FORM ONLY  
*Rose*  
Date 2013.05.17 10:25:10  
0102

ATTACHMENT: Addendum A (Assistant Clinical Director of the Eye Care Center Form)

**OPTOMETRIC TECHNICIAN PROGRAM  
STUDENT / ALAMO COLLEGES FACULTY / ASSISTANT CLINICAL DIRECTOR OF THE EYE  
CARE CENTER ADDENDUM  
TO AFFILIATION AGREEMENT BETWEEN  
UNIVERSITY OF THE INCARNATE WORD ROSENBERG SCHOOL OF OPTOMETRY  
AND  
ALAMO COMMUNITY COLLEGE DISTRICT  
ON BEHALF OF ST. PHILIP'S COLLEGE**

Course #: \_\_\_\_\_

Student Name (Print): \_\_\_\_\_

Assistant Clinical Director of the Eye Care Center (Print): \_\_\_\_\_

Clinical Facility: \_\_\_\_\_

Instructor (Print): \_\_\_\_\_

**A. *The Assistant Clinical Director of the Eye Care Center agrees to:***

1. Provide adequate and appropriate supervision of the student while in the clinical setting, following the objectives and policies of the course.
2. Provide feedback to the student regarding clinical performance.
3. Participate in the evaluation of the student's performance.
4. Notify the instructor immediately if concerns/questions arise as to the student's behavior or Optometric Technician competence.
5. At all times, take reasonable prudent action to protect the rights of clients.
6. Maintain open communication with instructor.
7. Meet the following qualifications:
  - competence in designated area of practice
  - philosophy of health care congruent with that of the Optometric Technician program

**B. *The Student agrees to:***

1. Use the preceptor as a role model.
2. Obtain appropriate signatures on necessary forms.
3. Follow the objectives and policies of the course.
4. Accept accountability for achieving the course objectives and the clinical performance criteria as stated in the course clinical evaluation and preceptor evaluation tools.
5. Notify, in advance, the clinical facility and instructor if absent or tardy.
6. Keep the preceptor and instructor informed of learning activities.
7. be accountable for own optometric technician actions while in the clinical facility.
8. Respect the confidentiality of all information with regard to the client and agency's records.
9. Collaborate with the preceptor and instructor in evaluation of learning experiences.
10. Practice within the Texas Optometry Act and according to professional standards of practice.
11. Uphold agency policies and procedures.
12. Show evidence of adequate preparation for the clinical experience.
13. Maintain professional attire in accordance with program and facility policy.
14. Maintains professional attitude with clients, staff, and preceptor.

**C. *The Instructor agrees to:***

1. Provide the preceptor and student with course objectives and expectations/guidelines at the beginning of the experience. Appropriate forms will be provided during the experience.

2. be available for consultation with student and/or preceptor via phone or in person during scheduled clinical hours.
3. Participate in collaboration with student and preceptor in evaluation of the student's mastery of the course objectives.
4. Assign a grade for the student's clinical evaluation at the completion of the clinical experience using input from the preceptor's evaluation.
5. Assure student compliance with immunizations and CPR.

**D. All Parties agree:**

1. That none of the parties incur any responsibility for financial exchange whether in monies or in kind.
2. To promote and maintain direct, open communication. Should problems or conflicts arise, each agrees to discuss them directly with the person involved and work toward mutual resolution.
3. To respect the confidential nature of the learning experience and the health care setting.
4. That the period of Assistant Clinical Director of the Eye Care Center designation shall be in effect beginning June 5, 2013 and shall end on June 5, 2014.

Student Signature: _____	Date _____
Assistant Clinical Director of the Eye Care Center signature: _____	Date _____
Instructor signature: _____	Date _____
<ol style="list-style-type: none"> <li>1. For the Assistant Clinical Director of the Eye Care Center, the Instructor/Department will make a copy of the original Addendum (already signed by Alamo Colleges and Facility).</li> <li>2. The student, Assistant Clinical Director of the Eye Care Center, and Instructor will sign the copy.</li> <li>3. The Department at the College MUST keep the fully executed Addendum, for <u>each</u> designated Assistant Clinical Director of the Eye Care Center, with the signed Affiliation Agreement.</li> <li>4. A copy of the fully executed Addendum may be distributed to the Facility and student upon request.</li> </ol>	

**\*\*\*Authorized parties shall sign this Addendum on behalf of Alamo Colleges and Facility.**

**ALAMO COMMUNITY COLLEGE DISTRICT  
(Alamo Colleges):**

**FACILITY:**

By: \_\_\_\_\_  
Signature Date

By: \_\_\_\_\_  
Signature Date

Print Name: \_\_\_\_\_  
Title: President, \_\_\_\_\_ College

Print Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**The original shall be attached to the Affiliation Agreement and kept in the Department at the College. Copies of the Addendum signed by Alamo Colleges and Facility shall be made on an as needed basis, when the Assistant Clinical Director of the Eye Care Center is designated, and will be signed by the student, instructor and Assistant Clinical Director of the Eye Care Center as instructed above.**



**APPENDIX C.**  
**SPC Curriculum Committee Approved Minutes**

SPC Curriculum Committee Meeting Minutes 1/16/2014

#86	SPC-Diesel/Light to Heavy Truck Technology Certificate of Completion-Revision	<b>Program Revision</b>		Herman Hauschildt
		DEMUR 2439-Advanced Electrical Systems	College Approved	
		<b>Archive</b>		
		DEMUR 2477-Advanced Diesel Electrical/Electronics	College Approved	
#88	SPC – Automotive Technology, A.A.S.-Revision	<b>Program Revision</b>		Herman Hauschildt
		Remove "AAS Core" as an alternative for PHYS and MATH course program requirements.	College Approved	
#90	SPC – CHEM 1306-New	<b>New Course</b>		Kathryn White
		CHEM 1306-Kitchen Chemistry	College Approved	
#91	SPC-BIOL Various-Archive	<b>Course Archive</b>		Kathryn White
		BIOL 1323-Consumer Nutrition	College approved	
		BIOL 1411-Botany		
		BIOL 1413-Zoology		
#93	SPC-BIS Courses Various-Archive	<b>Course Archive</b>		Maria Luna-Chavez
		ACNT 1326-Principles of Accounting II	College approved	
		ACNT 1425-Principles of Accounting I		
		BNKG 1356-Analyzing Financial Statements		
		ACNT 2311-Managerial Accounting		
		ACNT 2373-Microcomputer Applications II		
#94	SPC-Accounting Program Revisions-Variation-Revision	<b>Program Revisions</b>		Maria Luna-Chavez
		-Beginning Accounting Technician MSAC -Accounting Technician A.A.S. -Computerized Accounting Technician Certificate -Payroll Clerk Certificate	College Approved	
		<b>Existing Course</b>		
		ACNT 1313-Computerized Accounting Applications	College Approved	

#95	SPC-Administrative Office Technology-MSAC-Archives	<b>Program Archives</b>		Dr. Raymond Chacon
		Certified Business Presentation Specialist (MSAC)	College Approved	
		Certified File Clerk (MSAC)		
		Certified Professional Security (MSAC)		
		Certified Receptionist (MSAC)		
		Certified Spreadsheet Specialist (MSAC)		
		Certified Word Processing Specialist (MSAC)		
Data Entry Specialist (MSAC)				

#96	SPC – Data Driven Web Developer Certificate-Archive	<b>Program Archive</b>		Dr. Robert Castaneda
		Data Driven Web Developer Certificate	College Approved	

#97	SPC – Web Designer Certificate-Archive	<b>Program Archive</b>		Dr. Robert Castaneda
		Web Designer Certificate	College Approved	

#98	SPC – Web and Mobile Developer Certificate-Revision	<b>Program Revision</b>		Dr. Robert Castaneda
		Web and Mobile Developer Certificate Level 1	College Approved	

#99	SPC – ITSE 1391-Revision	<b>Course Revision</b>		Dr. Robert Castaneda
		ITSE 1391-Special Topics in Computer Programming	College Approved	

#100	SPC – ITSE 1393-New	<b>New Course</b>		Dr. Robert Castaneda
		ITSE 1393-Special Topics in Computer Systems Analysis	College Approved	

#101	SPC – Web and Mobile Developer A.A.S.-Revision	<b>Program Revision</b>		Dr. Robert Castaneda
		Web and Mobile Developer A.A.S.	College Approved	

#103	SPC-Biomedical Engineering Technology-Revision	<b>Program Revision</b>		Alberto Vasquez
		Biomedical Engineering Technology	College Approved	
		<b>Course Revisions</b>		
		BIOM 2215-Physiological Instruments I	College Approved	
		BIOM 2231-Biomedical Clinical Instrumentation		
BIOM 2301-Safety in Healthcare Facilities				

#104	SPC – Computer Maintenance A.A.S.- Revision	Program Revision		Brenda Clark
		Computer Maintenance	College Approved	
#105	SPC – Computer Maintenance w/ Cisco Specialization-A.A.S.- Revision	Program Revision		Brenda Clark
		Computer Maintenance w/Cisco Specialization	College Approved	
#106	SPC –Electronics Technology, Instrumentation AAS - Revision	Program Revision		David Mochen
		Electronics Technology, Instrumentation	College Approved	
#107	SPC-Power Generation & Alternative Energy AAS-Revision	Program Revision		Daniel Sherry
		Power Generation & Alternative Energy A.A.S.	College Approved	
#108	SPC – ARTS 2341-Archive	Course Revision		Gregory Gonzales
		ARTS 2341-Art Metals I	College Approved	
#109	SPC – ARTS 2342-Archive	Course Revision		Gregory Gonzales
		ARTS 2341-Art Metals II	College Approved	
#110	SPC – Vision Care Technology A.A.S.- New	New Degree		Randall Dawson
		Vision Care Technology	College Approved	
#111	SPC –Kinesiology A.A.-Revision	Program Revision		Randall Dawson
		Kinesiology	College Approved	
#112	SPC-Surgical Technology A.A.S.- Revision	Program Revision		Keisha Guillory
		Surgical Technology	College Approved	
		Course Revisions		
		SRGT 1271-Introductory Techniques for Surgical Technology	College Approved	
		SRGT 1372-Advanced Techniques for Surgical Technology		
		SRGT 1409-Fundamentals of Perioperative Concepts & Techniques		
SRGT 1405-Introduction to Surgical Technology				

<b>#113</b>	<b>SPC-Electrical Trades A.A.S.-Revision</b>	<b>Program Revision</b>		<b>David Carrillo</b>
		Electrical Trades	College Approved	
		<b>Course Revision</b>		
		ELPT 2419-Programmable Logics Controllers I	College Approved	

<b>#114</b>	<b>SPC-CDEC-Archives</b>	<b>Course Archives</b>		<b>Pamela Ray</b>
		CDEC 1266-Practicum-Child Care Provider/Assistant	College approved	
		CDEC 2267-Practicum-Child Care Provider/Assistant		
		CDEC 2268-Practicum-Child Care Provider/Assistant		

<b>#115</b>	<b>SPC-PTHA-Archives</b>	<b>Course Archives</b>		<b>Laura Miele</b>
		PTHA 1305-Basic Patient Care Skills	College approved	
		PTHA 2305-Neurology		

<b>#116</b>	<b>SPC-Diesel Construction Equipment Technician- New</b>	<b>New Certificates</b>		<b>Herman Hauschildt</b>
		Diesel Construction Technician	College approved	
		Diesel Construction Equipment- Academy		

<b>#119</b>	<b>SPC-Social and Behavioral Sciences- Archives</b>	<b>Program Archives</b>		<b>George Johnson</b>
		ECON 1303-Consumer Economics	College Approved	
		ECON 2311-Economic Geography		
		GEOG 1301-Physical Geography		
		GEOG 1302-Cultural Geography		
		GOVT 2301-American Government I		
		GOVT 2302-American Government II		
		HUMA 1305-Introduction to Mexican American Studies		

<b>#123</b>	<b>SPC -Social and Behavioral Sciences- Revision</b>	<b>Program Revision</b>		<b>George Johnson</b>
		Psychology	College Approved	

**APPENDIX D**  
**Alamo Colleges Curriculum Committee Approved Minutes**

ACCC Meeting Minutes 2/3/14

782 CR 27	NVC-Sociology AA-New	New Program		Miriam Thompson mthompson4
		Sociology AA (already in the THECB inventory)	Preliminary Approval; final approval will be granted after PVC approval Need clarification from PVC on when items should go to PVC – early in the process? Colleges may submit PVC items through their VPAA.	
783 CR 143	MATH 1332-Revision-NVC	Course Revision (SLOs only)		Thomas Pressly tpressly
		MATH 1332	No action necessary. SLOs submitted through SLO process.	
784 CR 144	EDUC 2301-Revision-NVC	Course Revision		Jeannette Jones jjones
		EDUC 2301	Tabled. Need consensus.	
785 CR 145	EDUC 1300-Existing-NVC	Existing Course		Edgar Garza egarza
		EDUC 1300 (note: already active in Banner; need active in eCat)	Approved.	
786 CR 147	BIOL 2289-Archive-NVC	Course Archive		Adam Reeves areeves1
		BIOL 2289	Approved.	
787 CR 119	SPC-Social and Behavioral Sciences Courses-Archive	Course Archive		George Johnson gjohnson
		ECON 1303	Tabled.	
		ECON 2311	Program Revisions needed – include #courses offered at college statement.	
		GEOG 1301		
		GEOG 1302		
		GOVT 2301		
		GOVT 2302		
		HUMA 1305		
SOCI 2339				
788 CR 123	SPC-Psychology AA- Revision	Program Revision		George Johnson gjohnson
		Psychology AA	Tabled. Colleges check documents submitted, mark courses correctly to reflect which courses SPC offers.	
789 CR 142	SPC-Course Various-Archive	Course Archive		James Cliburn jcliburn
		HART 1311	Approved.	
		INMT 1248		
		ITMT 2432		
		ITMT 2452		
		INTW 1349		
		PHYS 1405		
		PLTC 1206		
PLTC 1341				

790 CR 90	CHEM 1306-New-SPC	New Course		Kathryn White kwhite
		CHEM 1306	Approved.	
791 CR 100	SPC-ITSE 1393-New	New Course		Robert Castaneda rcastaneda25
		ITSE 1393	Tabled. Needs specific title, SLOs, that you will be submitting to THECB.	
792 CR 98	SPC-Web and Mobile Developer Cert-Revision	Program Revision		Robert Castaneda rcastaneda25
		Web and Mobile Developer Cert	Tabled. Due to impact of ITSE 1393	
793 CR 101	SPC-Web and Mobile Developer AAS-Revision	Program Revision		Robert Castaneda rcastaneda25
		Web and Mobile Developer AAS	Tabled. Due to impact of ITSE 1393	
794 CR 95	SPC-Administrative Office Technology Various MSAC- Archival	Program Archive		Raymond Chacon rchaon8
		Certified Business Presentation Specialist (MSAC)	Approved.	
		Certified File Clerk (MSAC)		
		Certified Professional Secretary (MSAC)		
		Certified Receptionist (MSAC)		
		Certified Spreadsheets Specialist (MSAC)		
		Certified Word Processing Specialist (MSAC)		
		Data Entry Specialist (MSAC)		
795 CR 96	SPC-Data Driven Web Developer Cert-Archive	Program Archive		Robert Castaneda rcastaneda25
		Data Driven Web Developer Cert	Approved.	
796 CR 97	SPC-Web Designer Cert- Archive	Program Revision		Robert Castaneda rcastaneda25
		Web Designer Cert	Approved.	
797 CR 86	SPC-Diesel/Light to Heavy Truck Technology Certificate-Revision	Program Revision		Herman Hauschildt hhauschildt
		Diesel/Light to Heavy Truck Technology Certificate	Approved.	
		Course Archive		
		DEMR 2477	Approved.	
798 CR 88	SPC-Automotive Technology, AAS-Revision	Program Revision		Herman Hauschildt hhauschildt
		Automotive Technology	Approved. Too many hours? THECB does not have a process in place for exemption of hours as of yet.	



			EDUC needs to be addressed.	
--	--	--	-----------------------------	--

815 CR 103	SPC-Biomedical Engineering Technology-Revision	<b>Program Revision</b>		Alberto Vasquez avasquez15
		Biomedical Engineering Technology AAS	Tabled. Need CETT courses resolved	
		<b>Course Revision</b>		
		CETT 1409	Tabled.	
		CETT 1429		
		CETT 1325		
		BIOM 2215		
		BIOM 2231		
		BIOM 2301		
		BIOM 2357		
		<b>New Course</b>		
		BIOM 1415	Tabled.	
		BIOM 1455		
		BIOM 2337		
SCIT 1420				

816 CR 104	SPC-Computer Maintenance AAS-Revision	<b>Program Revision</b>		Brenda Clark bclark44
		Computer Maintenance AAS	Tabled. Need CETT courses resolved	
		<b>Course Revision</b>		
		CETT 1325	Tabled.	
		CETT 1409		
CETT 1429				

817 CR 105	SPC-Computer Maintenance with Cisco Specialization AAS-Revision	<b>Program Revision</b>		Brenda Clark bclark44
		Computer Maintenance w/Cisco Specialization AAS	Tabled. Need CETT courses resolved	
		<b>Course Revision</b>		
		CETT 1325	Tabled.	
		CETT 1409		
CETT 1429				

818 CR 106	SPC-Electronics Technology Instrumentation, AAS-Revision	<b>Program Revision</b>		David Mochen dmochen
		Electronics Technology, Instrumentation AAS	Tabled. Need CETT courses resolved	
		<b>Course Revision</b>		
		CETT 1325	Tabled.	
		CETT 1409		
CETT 1429				

819 CR 107	SPC-Power Generation & Alternative Energy AAS-Revision	<b>Program Revision</b>		Daniel Sherry dsherry3
		Power Generation & Alternative Energy AAS	Tabled. Need CETT courses resolved	
		<b>New Course</b>		
		ELMT 1402	Tabled.	
		<b>Course Revision</b>		
CETT 1409	Tabled.			

		CETT 1429		
		ELMT 2419		
820 CR 110	SPC-Vision Care Technology AAS-New	<b>New Program</b>		Randall Dawson rdawson
		Vision Care Technology AAS	Preliminary Approval. Final approval upon THECB approval. See New Program Approval Data Entry Notification process	
		<b>New Course</b>		
		HITT 1313	Preliminary Approval.	
		OPTS 1166		
		OPTS 1219		
		OPTS 1305		
		OPTS 1309		
		OPTS 1311		
		OPTS 1315		
		OPTS 1349		
		OPTS 1501		
		OPTS 2166		
		OPTS 2266		
		OPTS 2341		
OPTS 2345				
OPTS 2351				
821 CR 111	SPC-Kinesiology AA- Revision	<b>Program Revision</b>		Randall Dawson rdawson
		Kinesiology AA	Tabled. Awaiting Program Revisions: NLC PAC SAC – 1/27/14 SPC – 2/3/14	
822 CR 112	SPC-Surgical Technology AAS- Revision	<b>Program Revision</b>		Keisa Guillory kguillory3
		Surgical Technology AAS	Approved. EDUC will be addressed separately. EDUC is coded as 090 but has to meet one of the FCA definitions (80).	
		<b>Course Archive</b>		
		SRGT 1271	Approved.	
		SRGT 1372		
SRGT 1405				
SRGT 1409				
823 CR 113	SPC-Electrical Trades AAS-Revision	<b>Program Revision</b>		David Carrillo dcarrillo
		Electrical Trades AAS	Approved.	
		<b>New Course</b>		
		ELPT 2365	Approved.	
		<b>Course Revision</b>		
		ELPT 2419	Approved.	

824 CR 116	SPC-Diesel Construction Equipment Technician- New	New Program		Herman Hauschildt hhauschildt
		Diesel Construction Technology Certificate	Tabled. Not yet reviewed.	
		Diesel Construction Equipment Academy Certificate	Tabled. Not yet reviewed	
828 CR 141	SPC-Early Childhood Studies Certificate- Revision	Program Revision		Pam Ray pray2
		Early Childhood Studies Cert.	Tabled. Need list of parameters for leaving ACGM courses in Level 1/MSA certs.	
		Course Archive		
		CDEC 1354	Tabled.	
799 CR 125	1/27/14-DANC Various Archive-NVC	Course Archive		Jane King jking80
		DANC 1251	Tabled.	
		DANC 1252	Need Consensus. NVC - change to just NVC.	
		DANC 2251		
		DANC 2252		
		DANC 1345		
		DANC 2112		
DANC 2389				
800 CR 132	1/27/14-SPAN Various Archive-NLC	Course Archive		Sylvia Zecca szecca
		SPAN 2316	Tabled.	
		SPAN 2317 SPAN 2321	Need consensus. SPC- PAC-	
801 CR 136	1/27/14-ACNT 1311 1313-Revisions-SAC	Course Revision		Elizabeth Haan ehaan
		ACNT 1311 ACNT 1313	Tabled. Change course revisions to exclude references to specific software packages.	
802 CR 84	12/2/13-NLC Business Administration AA- Revision	Program Revision		Barbara Mayo bmayo1
		Business Administration AA	No action necessary. MATH 1314 will be notated "with an A"	
803 CR 70	12/2/13-NVC-Business Administration AA- Revision	Program Revision		Michael Goeken mgoeken
		Business Administration AA	No action necessary. MATH 1314 will be notated "with an A"	
804 CR 40	11/4/13-PAC-Business Administration AA- Revision	Program Revision		Amanda Salinas asalinas2
		Business Administration AA	No action necessary. MATH 1314 will be notated "with an A"	
805 CR 3	10/7/13-SAC-Business Administration AA- Revision	Program Revision		Velica Calvert vcalvert
		Business Administration AA	No action necessary. MATH 1314 will be notated "with an A"	

806 CR 48	12/2/13-SPC-Business Administration AA- Revision	<b>Program Revision</b>		Robert Castaneda rcastaneda25
		Business Administration AA	No action necessary. MATH 1314 will be notated "with an A"	
807 CR 118	1/27/14-SAC-Business Management Various Cert-Revisions	<b>Course Revision</b>		Val Calvert vcalvert
		BMGT 2310	Tabled. Need consensus. PAC-	
		<b>Program Revision</b>		
		International Business Level I	Tabled.	
		Banking and Financial Services Level I	Need consensus. PAC-	
		Budgeting in Public Sector Level I		
		Financial Management Level I		
		Labor Studies Level I		
		Leadership in Public Service Level I		
		<b>Award Archive</b>		
Administrative Design Management Cert	Tabled. Need consensus.			
Financial Analysis Cert	PAC-			
808 CR 120	1/27/14-SAC- Kinesiology Various- Revisions	<b>Course Revision</b>		William Richardson wrichardson
		KINE 1185	Tabled.	
		KINE 2185		
<b>Program Revision</b>				
Kinesiology AA (NLC, PAC, SAC, SPC)	Tabled. Awaiting Program Revisions: NLC- PAC-			
809 CR 93	1/27/14-ACNT BNKG Various-Archive-SPC	<b>Course Archive</b>		Maria Luna-Chavez mluna-chavez
		ACNT 1326	Tabled.	
		ACNT 2311		
		ACNT 2373		
BNKG 1356				
810 CR 94	1/27/14-SPC- Accounting Program Various-Revision	<b>Existing Course</b>		Maria Luna-Chavez mluna-chavez
		ACNT 1313	Tabled.	
		<b>Program Revision</b>		
		Accounting Technician AAS	Tabled.	
		Computerized Accounting Technician Cert	Need consensus. SAC-	
Payroll Clerk Cert				
Beginning Accounting Technician				
811 CR 85	12/2/13-NLC- Psychology AA-Revision	<b>Program Revision</b>		Barbara Mayo bmayo1
		Psychology AA	Tabled. Colleges check documents submitted, mark courses correctly to reflect which courses NLC offers.	

812 CR 20	11/4/13-NVC- Psychology AA-Revision	Program Revision		Don Lucas dlucas
		Psychology AA	Tabled. Colleges check documents submitted, mark courses correctly to reflect which courses NVC offers.	
813 CR 75	12/2/13-PAC- Psychology AA-Revision	Program Revision		Mary-Ellen Jacobs mjacobs
		Psychology AA	Tabled. Colleges check documents submitted, mark courses correctly to reflect which courses PAC offers.	
814 CR 80	12/2/13-SAC- Psychology AA-Revision	Program Revision		Thomas Billimek tbillimek
		Psychology AA	Tabled. Colleges check documents submitted, mark courses correctly to reflect which courses SAC offers.	

Other discussion

SLOs project – Program should be locked down, Christa will follow-up. At this point no one should be making changes. Disciplines should submit for Fall 2015 any courses that did not make the deadline though their college curriculum process as a course revision. Departments will have to manually enter into the eSyllabus template.

EDUC fast-track due Friday, February 7<sup>th</sup>.

Discussion on when is the best time to require EDUC – early in the degree like SDEV?

EDUC will be required of all students earning a 2-year degree but will not be required of students working on a certificate.

Basic Skills – can certificates be exempt from the basic skills rule?

Christa will check with THECB on Level 1 Certificate exemptions from TSI. There used to be a caveat in GIPWE that allowed for exemptions, but likely no longer applies.

VPAA's need to discuss what the parameters should be for granting exemptions for Level I certificates.

How many certificates are impacted district-wide? (See attached document shared with the VPAA's).

VPAA's will discuss with Deans and bring back to ACCC.

Ruth will provide a bulleted discussion of items for the VPAA's to discuss with Deans and faculty.

**Appendix E**  
**Community Survey**



## Optometric Technician Survey Report

Last Modified: 01/22/2013

### 1. 1. Do you feel there is a need for a school to train Optometric Technicians in the San Antonio area?

#	Answer	Response	%
1	Yes	42	93%
2	No	3	7%
	Total	45	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.07
Variance	0.06
Standard Deviation	0.25
Total Responses	45

### 2. 2. Is there a need for trained Optometric Technicians in Bexar County and surrounding areas?

#	Answer	Response	%
1	Yes	42	93%
2	No	3	7%
	Total	45	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.07
Variance	0.06
Standard Deviation	0.25
Total Responses	45

**3. 3. Is there a demand for advanced training or continuing education for current Optometric Technicians?**

#	Answer	Response	%
1	Yes	40	89%
2	No	5	11%
	Total	45	100%

Statistic	Value
Min Value	1
Max Value	2
Mean	1.11
Variance	0.10
Standard Deviation	0.32
Total Responses	45

**4. 4. If a two year program was created at St. Philip's College would this meet the local need for qualified Optometric Technicians?**

#	Answer	Response	%
1	Yes	40	89%
2	No	5	11%
	Total	45	100%



Statistic	Value
Min Value	1
Max Value	2
Mean	1.11
Variance	0.10
Standard Deviation	0.32
Total Responses	45

**5. 5. In your opinion, which program do you feel would best meet the local need for trained Optometric Technicians?**

#	Answer	Response	%
1	2 Year Associates Degree	7	16%
2	1 Year Certification	20	45%
3	Both Program	17	39%
	Total	44	100%

Statistic	Value
Min Value	1
Max Value	3
Mean	2.23
Variance	0.51
Standard Deviation	0.71
Total Responses	44

## 6. 6. Please feel free to add any additional comments.

### Text Response

It has to be a practical certification. The end goal would be for the technicians to enter into an office and immediately begin to use instrumentation. (Optos, Automated refraction, Lensometry, IOP, wavefront, spec microscopy)

A 1yr tech program and a 2yr managerial program 6 month of tech and 1 1/2 year of opticianary training with billing and coding.

there is a shortage of good hard working opt techs in the san antono area. we as doctors and owners need this as soon as possible

This program is would be greatly appreciated. We are always in need of trained ophthalmic technicians. There is a definite shortage. Those that we do hire usually have to be re-trained because they are not trained well or they have no training using the latest technology. I would support this program 100%.

It doesn't take a really long time to train a tech well. Perhaps even a shorter certification program of 6 months would be beneficial.

My practice involves a lot of medical optometry exams. I am used to working with Ophthalmic Technicians and am a little concerned that an Optometric Technician will not have enough anatomical and pathology training necessary to work in my office. I hope this is addressed with strong emphasis. This is why I chose the 2 year degree to allow adequate time for such training.

I just feel that, like dental assistants, most techs are trained on the job and certified ones would demand higher pay that I do not believe most Optometrists would feel was worthy.

An optometric technician training program would be great. In addition, an ophthalmic technician training program would be extremely helpful. I practice in a multi-office practice with both optometry and ophthalmology and we seem to always be looking for technicians in both fields. Thank you.

Time and Cost of training a technician is eliminated when there is a program like this available.

Any program needs to be sure to include contact lens insertion and removal training, contact lens knowledge and understanding of the different types and how they work, and possibly contact lens evaluation of vision and fit on the eye.

optometric techs are better trained in the private practice.

Would be great if potential employees would be trained in some of the common EHR (medical records software) & instrumentation used in the SA area.

I have been looking for this program everywhere. I need it to advance in my current position.

Statistic	Value
Total Responses	13

**Appendix F**  
**Vision Care Technology Curriculum**

# New AAS/Certificate/Marketable Skills Award Degree Plan Form

**Degree Plan Title:** Vision Care Technology  
**Major Code:** \_\_\_\_\_  
*(assigned by CSI)*

**College:** SPC  
**Effective Term:** Fall 2014  
**ApplyTexas:** \_\_\_\_\_  
*(assigned by CSI)*

**Degree Plan Description:**

The Associate of Applied Science degree in Vision Care Technology will train students to assist ophthalmologists and optometrists in examining and treating patients with vision problems, vision disorders, and eye diseases. Training will include instruction in taking patient histories, administering directed treatments and topical medications, diagnostic test procedures and equipment operation, anatomical and functional ocular measurements, patient care and instruction, ophthalmic and surgical equipment maintenance, safety and sterilization procedures, and office administrative procedures.

Graduates from the program will assist ophthalmologists by performing ophthalmic clinical functions such as, administering eye exams, administering eye medications, and instructing the patient in care and use of corrective lenses.

**Degree CIP:** 51.1800 - ophthalmic/optometric services

**Dept to assign program to:** Allied Health, Early Childhood, & Kinesiology **Is this an addition of an award to an existing CIP?** No

	Lecture	Lab	External	Contact	Credit
<b>Semester 1</b>					
OPTS 1311 The Visual System	3	0	0	48	3
OPTS 1315 Basic Contact Lenses	2	3	0	80	3
OPTS 1309 Ophthalmic Laboratory I	2	4	0	96	3
OPTS 1188 Practicum (or Field Experience) -	0	0	7	112	1
OPTS 1305 Geometric Optics	3	1	0	84	3
HITT 1305 Medical Terminology	3	0	0	48	3
<b>Semester 1 - Totals</b>	<b>13</b>	<b>8</b>	<b>7</b>	<b>448</b>	<b>16</b>
<b>Semester 2</b>					
OPTS 1501 Ophthalmic Dispensing	3	6	0	144	5
OPTS 1219 Vision Care Office Procedures	1	2	0	48	2
OPTS 2341 Ophthalmic Techniques	2	4	0	96	3
OPTS 1349 Ophthalmic Laboratory II	2	4	0	96	3
OPTS 2266 Practicum (or Field Experience) - Opticianry/Ophthalmic	0	0	15	240	2
<b>Semester 2 - Totals</b>	<b>8</b>	<b>16</b>	<b>15</b>	<b>624</b>	<b>15</b>
<b>Semester 3</b>					
OPTS 2345 Advanced Ophthalmic Techniques	2	4	0	96	3
OPTS 2166 Practicum (or Field Experience) - Opticianry/Ophthalmic	0	0	8	128	1
<b>Semester 3 - Totals</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>224</b>	<b>4</b>
<b>Semester 4</b>					
MATH XXXX MATH (20) Core (3 hour class)	3	0	0	48	3
OPTS 2431 Advanced Ophthalmic Dispensing	3	3	0	96	4
ENGL 1301 Composition I	3	0	0	48	3
Natural Science (30) Core	3	0	0	48	3
<b>Semester 4 - Totals</b>	<b>12</b>	<b>3</b>	<b>0</b>	<b>240</b>	<b>13</b>
<b>Semester 5</b>					
HITT 1353 Legal and Ethical Aspects of Health Information	3	0	0	48	3
PHIL 2306 Introduction to Ethics	3	0	0	48	3
HRPS 2331 General Health Professions Management	2	2	0	84	3
EDUC 1300 Learning Frameworks	3	0	0	48	3
<b>Semester 5 - Totals</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>208</b>	<b>12</b>
<b>AAS Degree - Totals</b>	<b>48</b>	<b>33</b>	<b>30</b>	<b>1744</b>	<b>60</b>
<b>Total Degree Plan hours (above)</b>					

*Note: Consider pre-requisites when sequencing courses*

Do other colleges offer this program?

NLC	NVC	PAC	SAC	SPC
No	No	No	No	

**Appendix G**  
**Library Resources – Vision Care Technology Program**

Library Resources – Vision Care Technology Program

Vision Care Technology

Pertinent Print Books, Electronic Books, and DVDs

LOCATION	CALL NUMBER	TITLE	IMPRINT
DVD	R697.A4 .H434 2007	<i>Health information technician [(DVD) videorecording] / a production of Meridian Education Corporation producer, Bill Dean director, Christine Dean.</i>	Lawrenceville, NJ : Meridian Education Corporation, c2007.
Ebook	HQ1060 .I53 vol. 34eb	<i>Vision in Alzheimer's disease [electronic resource] / volume editors, Alice Cronin-Golomb, Patrick R. Hof.</i>	Basel New York : Karger, c2004.
Ebook	QB86.S35	<i>Astronomical Optics [electronic resource].</i>	Burlington : Elsevier Science, 2012.
Ebook	QP475 .E48 1999eb	<i>Clinical optics [electronic resource] / Andrew R. Elkington, Helena J. Frank, Michael J. Greaney.</i>	Malden, Mass. Oxford : Blackwell Science, 1999.
Ebook	QP475 .P24 1999eb	<i>Vision science [electronic resource] : photons to phenomenology / Stephen E. Palmer.</i>	Cambridge, Mass. : MIT Press, c1999.
Ebook	QP475 .W24 1998eb	<i>A natural history of vision [electronic resource] / Nicholas J. Wade.</i>	Cambridge, Mass. : MIT Press, c1998.
Ebook	QP475 .W24 2001eb	<i>Purkinje's vision [electronic resource] : the dawning of neuroscience / by Nicholas J. Wade and Josef Brozek, in collaboration with Jira Hoskovec.</i>	Mahwah, N.J. : Lawrence Erlbaum, 2001.
Ebook	QP483 .K84 2003eb	<i>Color space and its divisions [electronic resource] : color order from antiquity to the present / Rolf G. Kuehni.</i>	Hoboken, N.J. : Wiley-Interscience, c2003.
Ebook	R697 .A4	<i>Clinical Supervision In The Medical Profession [electronic resource] : Structured reflective practice</i>	Maidenhead : McGraw-Hill Education, 2012.
Ebook	R858	<i>Innovation in Health Information Systems [electronic resource].</i>	Bradford : Emerald Group Publishing Limited, 2009.
Ebook	R858.M36 2012	<i>Management Issues in the International Context of Health Information Technology (HIT) [electronic resource] / edited by Nir Menachemi, Sanjay Singh.</i>	Bradford : Emerald Group Publishing Limited, 2012.
Ebook	R859.7.C65 M44 2004eb	<i>Medical simulation [electronic resource] : international symposium, ISMS 2004, Cambridge, MA, USA, June 17-18, 2004 : proceedings / Staphane Cotin, Dimitris Metaxas (eds.).</i>	Berlin New York : Springer, c2004.

Item No.	Description	Quantity	Unit Price
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...
11	...	...	...
12	...	...	...
13	...	...	...
14	...	...	...
15	...	...	...
16	...	...	...
17	...	...	...
18	...	...	...
19	...	...	...
20	...	...	...
21	...	...	...
22	...	...	...
23	...	...	...
24	...	...	...
25	...	...	...
26	...	...	...
27	...	...	...
28	...	...	...
29	...	...	...
30	...	...	...
31	...	...	...
32	...	...	...
33	...	...	...
34	...	...	...
35	...	...	...
36	...	...	...
37	...	...	...
38	...	...	...
39	...	...	...
40	...	...	...
41	...	...	...
42	...	...	...
43	...	...	...
44	...	...	...
45	...	...	...
46	...	...	...
47	...	...	...
48	...	...	...
49	...	...	...
50	...	...	...
51	...	...	...
52	...	...	...
53	...	...	...
54	...	...	...
55	...	...	...
56	...	...	...
57	...	...	...
58	...	...	...
59	...	...	...
60	...	...	...
61	...	...	...
62	...	...	...
63	...	...	...
64	...	...	...
65	...	...	...
66	...	...	...
67	...	...	...
68	...	...	...
69	...	...	...
70	...	...	...
71	...	...	...
72	...	...	...
73	...	...	...
74	...	...	...
75	...	...	...
76	...	...	...
77	...	...	...
78	...	...	...
79	...	...	...
80	...	...	...
81	...	...	...
82	...	...	...
83	...	...	...
84	...	...	...
85	...	...	...
86	...	...	...
87	...	...	...
88	...	...	...
89	...	...	...
90	...	...	...
91	...	...	...
92	...	...	...
93	...	...	...
94	...	...	...
95	...	...	...
96	...	...	...
97	...	...	...
98	...	...	...
99	...	...	...
100	...	...	...

Library Resources – Vision Care Technology Program

Ebook	R864 .F67 1997eb	<i>For the record [electronic resource] : protecting electronic health information / Committee on Maintaining Privacy and Security in Health Care Applications of the National Information Infrastructure, Computer Science and Telecommunications Board, Commission on Physical Sciences, Mathematics, and Applications, National Research Council.</i>	Washington, D.C. : National Academy Press, 1997.
Ebook	RE960 .G76 2001eb	<i>Greater vision [electronic resource] : a comprehensive program for physical, emotional, and spiritual clarity / Marc Grossman, Vinton McCabe.</i>	Los Angeles : Keats, c2001.
Ebook	RE977.C6 M254 2003eb	<i>Contact lenses in ophthalmic practice [electronic resource] / Mark J. Mannis ... [et al.].</i>	New York : Springer, c2004.
Ebook	RT86.45 .B66 2011	<i>Skills Of Clinical Supervision For Nurses [electronic resource] : A Practical Guide for Supervisees, Clinical Supervisors and Managers</i>	Maidenhead : McGraw-Hill Education, 2011.
Ebook	RT86.45 .C37 2010	<i>First Steps in Clinical Supervision [electronic resource] : A Guide for Healthcare Professionals / Paul Cassidy.</i>	Maldenhead : McGraw-Hill Education, 2010.
Ebook	TA1522 .D84 2009	<i>The Adaptive Optics Revolution [electronic resource] : A History / Robert W. Duffner foreword by Robert Q. Fugate.</i>	Albuquerque : University of New Mexico Press, 2009.
Ebook	TA1542 .A33 2000eb	<i>Adaptive optics engineering handbook [electronic resource] / edited by Robert K. Tyson.</i>	New York : Marcel Dekker, c2000.
Ebook	QP475 .H8185 2010	<i>The Evolution of the Eye from Algae and Jellyfish to Humans [electronic resource] : How Vision Adapts to Environment / Arthur J. Hudson with a foreword by Bessie Borwein.</i>	Lewiston : The Edwin Mellen Press, 2010.
Ebook	RC386.6.N4 8 E94 2002eb	<i>Eyeblink classical conditioning Vol. 1 [electronic resource] : applications in humans / edited by Diana Woodruff-Pak, Joseph E. Steinmetz.</i>	New York : Kluwer Academic, c2002.
Ebook	RE21 .G76 1999eb	<i>Natural eye care [electronic resource] : an encyclopedia : complementary treatments for improving and saving your eyes / Marc Grossman, Glen Swartwout.</i>	Los Angeles : Keats Pub., c1999.
Ebook	RE48 .W43 2004eb	<i>Manual of eye emergencies [electronic resource] : diagnosis and treatment / Lennox Webb with a foreword by Jack J. Kanski.</i>	London : Butterworth-Heinemann, 2004.
Ebook	RE80 .P55 2001eb	<i>Plastic and orbital surgery [electronic resource] / edited by Richard Collin and Geoffrey Rose.</i>	London : BMJ Books, c2001.
Ebook	No Call Number	<i>Curbside Consultation in Cataract Surgery</i>	SLACK Inc., 2007.
Ebook	No Call Number	<i>Curbside Consultation in Cornea and External Disease</i>	SLACK Inc., 2010.
Ebook	No Call Number	<i>Curbside Consultation in Glaucoma</i>	SLACK Inc., 2008.
Ebook	No Call Number	<i>Curbside Consultation in Neuro - Ophthalmology</i>	SLACK Inc., 2009.



Library Resources – Vision Care Technology Program

Ebook	No Call Number	<i>Curbside Consultation in Oculoplastics</i>	SLACK Inc., 2011.
Ebook	No Call Number	<i>Curbside Consultation in Retina</i>	SLACK Inc., 2010.
Ebook	No Call Number	<i>Curbside Consultation in Uveitis</i>	SLACK Inc., 2012.
Ebook	No Call Number	<i>Dictionary of Optometry and Visual Science</i>	Elsevier, 2009.
Ebook	No Call Number	<i>Human Diseases and Conditions</i>	Detroit : Charles Scribner's Sons, 2010.
Ebook	No Call Number	<i>Infectious Diseases &amp; Conditions</i>	Ipswich, MA : Salem Press, 2012.
Ebook	No Call Number	<i>Mosby's Dictionary of Medicine, Nursing, &amp; Health Professions</i>	Burlington : Elsevier Science, 2012.
Ebook	No Call Number	<i>The Gale Encyclopedia of Medicine</i>	Detroit : Gale, 2011.
Ebook	No Call Number	<i>The Gale Encyclopedia of Nursing and Allied Health</i>	Detroit : Gale, 2007.
Ebook	No Call Number	<i>The Human Body Book: An Illustrated Guide to Its Structure, Function and Disorders</i>	New York : DK Publishing, 2009.
Ebook	No Call Number	<i>UXL Encyclopedia of Diseases and Disorders</i>	Detroit : UXL, 2009.
Serials	RT1.N77 v.16 no.3 1981	<i>Symposia on ophthalmic nursing [and] Chronic renal disease / Heather Boyd-Monk, guest editor [for first symposium] Sharon L. Lewis, guest editor [for second symposium].</i>	Philadelphia : Saunders, 1981.
Serials	RT1.N77 v.27 no.3 1992	<i>Lung cancer [and] Ophthalmic nursing / Jo Anne T. Turner and Wendy G. Langston, guest editors [for first symposium] Pamela S. Schremp, guest editor [for second symposium].</i>	Philadelphia : Saunders, 1992.
Reference	R728.8 .R62 2006	<i>Stedman's guide to the HIPAA privacy rule / Kathy Rockel.</i>	Philadelphia : Lippincott Williams & Wilkins, c2006.
Reference	RD37 .S9744 2005	<i>Surgical procedures.</i>	[Stillwater, OK : MAVCC, 2005].
Reference	RE21 .M54 2002	<i>Dictionary of ophthalmology / Michel Millodot and Daniel M. Laby.</i>	Oxford Boston : Butterworth-Heinemann, 2002.
Reference	RM735.O73 2 W37 2001	<i>Occupational therapy practice guidelines for adults with low vision / Mary Warren in collaboration with The Commission on Practice.</i>	Bethesda, Md. : American Occupational Therapy Association, 2001.
Stacks	Q335 .G38 1989	<i>Geometric reasoning / edited by John Woodwark.</i>	Oxford : Clarendon Press New York : Oxford University Press, 1989.
Stacks	QC355 .R68	<i>Optics.</i>	Reading, Mass., Addison-Wesley Pub.

Library Resources – Vision Care Technology Program

			Co. [1957]
Stacks	QC358 .F36 1986	<i>Seeing the light : optics in nature, photography, color, vision, and holography / David S. Falk, Dieter R. Brill, David G. Stork.</i>	New York : Harper & Row, c1986.
Stacks	QC358 .H43 1991	<i>Insight into optics / O.S. Heavens and the late R.W. Ditchburn.</i>	Chichester New York : Wiley, c1991.
Stacks	QM23.2 .C64 2007	<i>Anatomy &amp; physiology for health professions : an interactive journey / Bruce J. Colbert, Jeff Ankney, Karen T. Lee.</i>	Upper Saddle River, N.J. : Pearson Prentice Hall, c2007.
Stacks	QM31 .A43 2010	<i>Barron's E-Z anatomy and physiology / Barbara Krumhardt, I. Edward Alcamo.</i>	Hauppauge, N.Y. : Barron's Educational Series, c2010.
Stacks	QM511 .F55 1979	<i>Ocular histology : a text and atlas / Ben S. Fine, Myron Yanoff, with a contribution by Frederick A. Jakobiec and Takeo Iwamoto.</i>	Hagerstown, Md. : Medical Dept., Harper & Row, c1979.
Stacks	QP34.5 .M65 2012	<i>Anatomy and physiology for health professionals / Jahangir Moini.</i>	Sudbury, MA : Jones & Bartlett Learning, c2012.
Stacks	QP34.5 .T49 2013	<i>Anatomy &amp; physiology / Kevln T. Patton, Gary A. Thibodeau.</i>	St. Louis, MO : Elsevier/Mosby, c2013.
Stacks	QP383 .H83 1988	<i>Eye, brain, and vision / David H. Hubel.</i>	New York : Scientific American Library : Distributed by W.H. Freeman, c1988.
Stacks	QP475.5 .E456 2000	<i>How to use your eyes / James Elkins.</i>	New York : Routledge , 2000.
Stacks	QP475.5 .I54 2008	<i>Eye; A natural history of seeing : the art and science of vision / Simon Ings.</i>	New York : W.W. Norton, 2008.
Stacks	QP475.5 .I54 2008	<i>Eye.;"A natural history of seeing : the art and science of vision / Simon Ings."</i>	New York : W.W. Norton, 2008.
Stacks	QP475.5 .W47 1981	<i>The eye : window to the world / by Lael Wertebaker and the editors of U.S. News Books.</i>	Washington, D.C. : U.S. News Books, c1981.
Stacks	QP482 .N54 1990	<i>Night vision : basic, clinical, and applied aspects / edited by R.F. Hess, L.T. Sharpe, K. Nordby.</i>	Cambridge New York : Cambridge University Press, 1990.
Stacks	QP483 .B57 1978	<i>Color &amp; human response : aspects of light and color bearing on the reactions of living things and the welfare of human beings / Faber Birren.</i>	New York : Van Nostrand Reinhold Co., 1978.
Stacks	R725.5 .M35 2009	<i>Professionalism in health care : a primer for career success / Sherry Makely ; contributing author, Vanessa J. Austin.</i>	Upper Saddle River, NJ : Pearson/Prentice Hall, c2009.

Library Resources – Vision Care Technology Program

Stacks	R858 .D386 2002	<i>Introduction to health information technology / Nadinia Davis, Melissa LaCour.</i>	Philadelphia : Saunders, c2002.
Stacks	R859.7.C67 V575 2001	<i>Information technologies in medicine / edited by Metin Akay, Andy Marsh.</i>	New York : Wiley, c2001.
Stacks	RA971 .B34	<i>Decentralizing hospital management : a manual for supervisors / Joseph J. Bean, Jr., Rene Laliberty.</i>	Reading, MA : Addison-Wesley Pub. Co., c1980.
Stacks	RA971.6 .H44 1998	<i>Health information systems : design issues and analytic applications / Elizabeth A. McGlynn ... [et al.].</i>	Santa Monica, CA : Rand Health, c1998.
Stacks	RA971.6 .S58 2000	<i>Health management information systems : a handbook for decision makers / Jack Smith.</i>	Buckingham Philadelphia : Open University Press, 2000.
Stacks	RE46 .L55 1960	<i>You and your eyes / Lawrence Lewison.</i>	New York, N.Y. : Trinity Publishing Corp., c1960.
Stacks	RE51 .S42	<i>Your sight folklore, fact, and common sense.</i>	Boston, Little, Brown [1968]
Stacks	RE67 .A32 2011	<i>Adler's physiology of the eye.</i>	Edingburg : Saunders/Elsevier, c2011.
Stacks	RE80 .J33 1988	<i>Ophthalmic surgical assisting / Bernice Jackson-Williams.</i>	Thorofare, N.J. : SLACK, c1988.
Stacks	RE87 .O6 1998	<i>Smith's ophthalmic plastic and reconstructive surgery / [edited by] Frank A. Nesi ... [et al.].</i>	St. Louis, MO : Mosby- Yearbook, 1998
Stacks	RE91 .U53 2011	<i>Understanding and managing vision deficits : a guide for occupational therapists / Mitchell Scheiman.</i>	Thorofare, NJ : SLACK, c2011.
Stacks	TA1522 .T97 1991	<i>Principles of adaptive optics / Robert K. Tyson.</i>	Boston : Academic Press, c1991.

**Vision Care Technology  
Pertinent Electronic Journals**

TITLE	DATABASE	COVERAGE
<i>American Journal of Ophthalmology</i>	ProQuest Nursing & Allied Health Source	Jun 1996 (Vol. 121, no. 6) to present (delayed 2 months)
<i>American Orthoptic Journal</i>	Academic Search Complete	01/01/1997 to present
<i>BMC Ophthalmology</i>	Academic OneFile & Health Reference Center Academic	December 1, 2006 to Current
<i>Canadian Journal of Ophthalmology</i>	ScienceDirect College Edition - Health & Life Sciences Journal Collection	2005 to present
<i>Case Reports in Ophthalmological</i>	Academic Search Complete	2011 to present

Library Resources – Vision Care Technology Program

<b>Medicine</b>		
<b>Clinical &amp; Experimental Ophthalmology</b>	Academic Search Complete	02/01/1999 to present (12 month delay)
<b>Clinical Ophthalmology</b>	Academic OneFile & Health Reference Center Academic	January 1, 2012 to Current (irregular)
<b>Clinical Optometry</b>	Academic Search Complete	2012 to present
<b>Community Eye Health Journal</b>	Academic Search Complete	2009 to present
<b>Digital Journal of Ophthalmology</b>	Academic Search Complete	11/01/2011 to present
<b>Expert Review of Ophthalmology</b>	Academic OneFile & Expanded Academic ASAP & Health Reference Center Academic	2006 to present (Embargo: 1 year)
<b>Eye &amp; Brain</b>	Academic Search Complete	01/01/2012 to present
<b>Indian Journal of Ophthalmology</b>	Academic OneFile	1999 to present
	Academic Search Complete	2005 to present
	Expanded Academic ASAP	1999 to present
	General OneFile	1999 to present
	Health Reference Center Academic	1999 to present
<b>Insight: Research &amp; Practice in Visual Impairment &amp; Blindness</b>	Academic Search Complete ProQuest Nursing & Allied Health Source	02/01/2011 to present (with a 6 Month delay)
<b>ISRN Ophthalmology</b>	Academic Search Complete	01/01/2011 to present
<b>Journal of AAPOS : the official publication of the American Association for Pediatric Ophthalmology and Strabismus</b>	ScienceDirect College Edition - Health & Life Sciences Journal Collection	1997 to present
<b>Journal of AHIMA (American Health Information Management Association)</b>	ProQuest Nursing & Allied Health Source	2008 to present
<b>Journal of Behavioral Optometry</b>	Academic Search Complete	01/01/2009 to present
<b>Journal of Current Glaucoma Practice</b>	Academic Search Complete	01/01/2009 to present
<b>Journal of Ocular Pharmacology &amp; Therapeutics</b>	Academic Search Complete	02/01/1998 to present (with a 12 month delay)
<b>Journal of Ophthalmology</b>	Academic OneFile	September 1, 2012 to Current (irregular)
	Academic Search Complete	2009 to present
	Expanded Academic ASAP	2012 to present
	Health Reference Center Academic	2012 to present
<b>Journal of Optometry</b>	ScienceDirect College Edition - Health & Life Sciences Journal Collection	2008 to present
<b>LabTalk</b>	Business Source Complete	11/01/2006 to present
	MasterFILE Premier	11/01/2006 to present

**Library Resources – Vision Care Technology Program**

<b><i>Middle East African Journal of Ophthalmology</i></b>	Academic OneFile Academic Search Complete Expanded Academic ASAP 2008 Health Reference Center Academic	2009 to present
<b><i>The Ocular Surface</i></b>	ScienceDirect College Edition - Health & Life Sciences Journal Collection	2003 to present
<b><i>Oman Journal of Ophthalmology</i></b>	Academic OneFile	2008 to present
	Academic Search Complete	2010 to present
	Expanded Academic ASAP	2008 to present
	Health Reference Center Academic	2008 to present
<b><i>Ophthalmic &amp; Physiological Optics</i></b>	Academic Search Complete	2003 to present (Embargo: 1 year)
	Psychology & Behavioral Sciences Collection	2003 to present (Embargo: 1 year)
<b><i>Ophthalmic epidemiology</i></b>	Academic Search Complete	1997 to present (Embargo: 18 months)
<b><i>Ophthalmic genetics</i></b>	Academic Search Complete	1998 to present (Embargo: 18 months)
<b><i>Ophthalmology and Eye Diseases</i></b>	Academic OneFile	2012 to present
	Health Reference Center Academic	2012 to present
<b><i>Optician</i></b>	General OneFile	2001 to present
	General Reference Center Gold	2001 to present
<b><i>Optometric education</i></b>	Education Research Complete	2005 to present (Embargo: 6 months)
<b><i>Optometry &amp; Vision Development</i></b>	Academic Search Complete	03/01/2004 to present
<b><i>Optometry Times</i></b>	Academic OneFile	2011 to present
	Academic Search Complete	03/01/2009 to present
	Expanded Academic ASAP	2011 to present
	General OneFile	2011 to present
	General Reference Center Gold	2011 to present
<b><i>Optometry Today</i></b>	Academic OneFile	2007 to present
	Academic Search Complete	2008 to present
	Health Reference Center Academic	2007 to present
<b><i>Orbit</i></b>	Academic Search Complete	03/01/1997 to present (with an 18 month delay)
<b><i>Pamphlet by: National Eye Institute</i></b>	Academic OneFile (various pamphlets)	November 1, 1990 to Current
<b><i>Perspectives in Health Information Management / AHIMA, American Health Information Management Association</i></b>	ProQuest Nursing & Allied Health Source	2008 to present
<b><i>Review of Cornea &amp; Contact Lenses</i></b>	Business Source Complete	11/01/2006 to present

**Library Resources – Vision Care Technology Program**

<i>Review of Ophthalmology</i>	Academic Search Complete	01/01/2000 to present
	Health Source: Nursing/Academic Edition	01/01/2000 to present
<i>Review of Optometry</i>	Academic OneFile Academic Search Complete Expanded Academic ASAP General OneFile Health Reference Center Academic Health Source: Nursing/Academic Edition	1999 to present 2000 to present 1999 to present 1999 to present 1999 to present 2000 to present
<i>Strabismus</i>	Academic Search Complete	03/01/1997 to present (with an 18 month delay)
<i>Survey of Ophthalmology</i>	ScienceDirect College Edition - Health & Life Sciences Journal Collection	1975 to present
<i>Taiwan Journal of Ophthalmology</i>	ScienceDirect College Edition - Health & Life Sciences Journal Collection	2011 to present
<i>United States Optical Goods Stores Industry Report</i>	Business Source Complete	2009 to present
<i>Vision</i>	Health Source - Consumer Edition	01/01/2003 to present
<i>Vision Monday</i>	Business Source Complete	2006 to present

**Vision Care Technology  
Pertinent Streaming Videos**

<b>TITLE</b>	<b>DATABASE</b>
<i>Administering Medications</i>	Films on Demand: Digital Educational Video
<i>Administering Oral, Topical, Suppository and Inhalant Medications</i>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<i>Advances in Cataract Surgery</i>	Films on Demand: Digital Educational Video
<i>Aging</i>	Films on Demand: Digital Educational Video
<i>Aging: What an Autopsy Reveals</i>	Films on Demand: Digital Educational Video
<i>An Introduction to Ophthalmoscopy</i>	Films on Demand: Digital Educational Video
<i>An Introduction to Visual Fields</i>	Films on Demand: Digital Educational Video
<i>Anatomy of the Human Brain</i>	Films on Demand: Digital Educational Video
<i>Anatomy: Functional Body Systems</i>	Films on Demand: Digital Educational Video
<i>Basic Clinical Skills: Surgical Wound Care</i>	Films on Demand: Digital Educational Video
<i>Blind Visions: New Hope for the Treatment and Prevention of Blindness</i>	Films on Demand: Digital Educational Video
<i>Brain and Nervous System: Your Information Superhighway</i>	Films on Demand: Digital Educational Video

**Library Resources – Vision Care Technology Program**

<b><i>Brain Fitness2: Sight and Sound</i></b>	Films on Demand: Digital Educational Video
<b><i>Cataract</i></b>	Films on Demand: Digital Educational Video
<b><i>Cataracts: Surgical Solutions</i></b>	Films on Demand: Digital Educational Video
<b><i>Competent Care in a Culturally Diverse Nation</i></b>	Films on Demand: Digital Educational Video
<b><i>Corneal Injury</i></b>	Films on Demand: Digital Educational Video
<b><i>Cultural Diversity in Health Care</i></b>	Films on Demand: Digital Educational Video
<b><i>Diabetes in Clinical Practice</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Diabetes: Retinal Conditions</i></b>	Films on Demand: Digital Educational Video
<b><i>Do You See What I See? The Science of Color Perception</i></b>	Films on Demand: Digital Educational Video
<b><i>Documentation: Legal and Administrative Considerations</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Documentation: The Process</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Enhanced Vision: New Directions in Ophthalmology</i></b>	Films on Demand: Digital Educational Video
<b><i>Evolve: Eyes</i></b>	Films on Demand: Digital Educational Video
<b><i>Examination Skills in Ophthalmology</i></b>	Films on Demand: Digital Educational Video
<b><i>Eyes and Ears</i></b>	Films on Demand: Digital Educational Video
<b><i>Eyes: Don't Die Young, Series 1</i></b>	Films on Demand: Digital Educational Video
<b><i>Functional Anatomy</i></b>	Films on Demand: Digital Educational Video
<b><i>Glaucoma</i></b>	Films on Demand: Digital Educational Video
<b><i>Glaucoma</i></b>	Films on Demand: Digital Educational Video
<b><i>HIPAA for Healthcare Workers: An Overview</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>HIPAA for Healthcare Workers: The Privacy Rule</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>HIPAA for Healthcare Workers: The Security Rule</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>HIPAA Today</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Improving Communication with the Visually and Hearing Impaired</i></b>	Films on Demand: Digital Educational Video
<b><i>Keeping it Confidential</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Lessons in Compassion: Teaching Bedside Manner</i></b>	Films on Demand: Digital Educational Video
<b><i>Let's Talk About Pink Eye</i></b>	Films on Demand: Digital Educational Video
<b><i>Macular Degeneration</i></b>	Films on Demand: Digital Educational Video

**Library Resources – Vision Care Technology Program**

<b><i>Medical Errors, Part 1: New Approaches to an Old Problem</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Medical Errors, Part 2: Prevention Practices</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Medical Errors, Part 3: Preventing Medication Errors</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Ocular Health: Glaucoma and Macular Degeneration</i></b>	Films on Demand: Digital Educational Video
<b><i>Optics: Bringing the World into Focus</i></b>	Films on Demand: Digital Educational Video
<b><i>Overcoming Problems with Speech, Hearing, and Vision</i></b>	Films on Demand: Digital Educational Video
<b><i>Positioning the Surgical Patient</i></b>	Films on Demand: Digital Educational Video
<b><i>Preventing Eye Infections</i></b>	Films on Demand: Digital Educational Video
<b><i>Preventing Health Care-Associated Infections</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Prevention of Medical Errors</i></b>	Films on Demand: Digital Educational Video
<b><i>Professional Boundaries in Health Care</i></b>	Films on Demand: Digital Educational Video
<b><i>Professional Career Tools: A Survival Guide</i></b>	Films on Demand: Digital Educational Video
<b><i>Rapid Physical Assessment</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Robotic Surgery</i></b>	Films on Demand: Digital Educational Video
<b><i>Science Lab Safety</i></b>	Films on Demand: Digital Educational Video
<b><i>Surgery 101: What Patients Need to Know</i></b>	Films on Demand: Digital Educational Video
<b><i>The Body Machine: Part 1-Anatomy of the Human Power Train</i></b>	Films on Demand: Digital Educational Video
<b><i>The Body Machine: Part 2-Maintenance of the Human System</i></b>	Films on Demand: Digital Educational Video
<b><i>The Case for HIPAA Risk Assessments</i></b>	Films on Demand: Digital Educational Video
<b><i>The Cutting Edge: Innovative Surgical Methods</i></b>	Films on Demand: Digital Educational Video
<b><i>The Human Body Video Clip Collection</i></b>	Films on Demand: Digital Educational Video
<b><i>The Incredible Human Machine</i></b>	Films on Demand: Digital Educational Video
<b><i>The Nervous System and the Senses</i></b>	Films on Demand: Digital Educational Video
<b><i>The Nervous System: Nerves at Work</i></b>	Films on Demand: Digital Educational Video
<b><i>Treating Eyelid Bumps</i></b>	Films on Demand: Digital Educational Video
<b><i>Understanding Glaucoma</i></b>	Films on Demand: Digital Educational Video
<b><i>Vision</i></b>	Films on Demand: Digital Educational Video
<b><i>Wound Care: Normal and Impaired Healing</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source
<b><i>Wound Care: Phases of Healing and Types of Wounds</i></b>	Medcom, Inc. / ProQuest Nursing & Allied Health Source



