

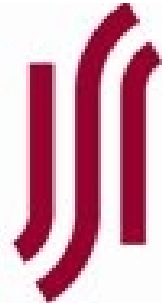
OPTICIANRY

Information Package



**J. Sargeant Reynolds Community
College
School of Nursing and Allied Health**

**A.A.S. Degree Program
&
Opticians Apprentice Career Studies
Certificate**



WELCOME TO J. SARGEANT REYNOLDS COMMUNITY COLLEGE'S OPTICIANRY PROGRAM

Welcome and thank you for your interest in the Opticianry Program at J. Sargeant Reynolds Community College. We hope you will find the following information beneficial. This packet contains information about the field of Opticianry and specific information concerning the Opticianry Programs we offer. Use this to familiarize yourself with the opticianry programs and the optical profession. This Opticianry information packet also contains information about the Virginia Opticians Board licensing requirements.

General information about J. Sargeant Reynolds Community College, financial aid and admissions can be found at the college website www.reynolds.edu

The Opticianry program has the following 2 course offerings available:

- **Lecture courses on campus during the day with a 2 days a week schedule and/or on the internet with weekly virtual meetings in the evening.** Courses are offered in both the associate degree program and the opticians apprentice career studies certificate program. The courses from the career studies certificate are transferable into the degree program.
- **Clinical courses on campus during the day with a 2 day a week schedule and distance clinical courses that are completed at an assigned clinical site in your area or at your current place of employment when applicable.**

The faculty wishes you much success in your academic pursuit of an associate degree or career studies certificate in Opticianry. If you need assistance of any kind, do not hesitate to contact the program director. Directions to our campus may be found on the college website.

Yvonne H. Metten LDO, NCLE-AC, COA
Program Director
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Richmond, VA. 23285-5622
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Office: 558 Downtown Campus
Phone: 804-523-5415

PROGRAM DESCRIPTION

The college is accredited by the Southern Association of Colleges and Schools. The program is nationally accredited by the Commission on Opticianry Accreditation and a member of the National Federation of Opticianry Schools. The Opticianry program is designed to prepare individuals in the art and science of all phases of the making and fitting of eyeglasses and contact lenses.

The courses give a basis for many different employment opportunities in the optical field, but are designed to provide the education needed to have a successful career as an **OPTICIAN**.

Graduation from the program may lead to one of the following occupational goals: optician, private practitioner, ophthalmic dispenser, optical laboratory manager, contact lens technician, branch manager, optical laboratory technician, ophthalmic sales representative, ophthalmic research technician, instructor in ophthalmic dispensing.

Completion of the Opticianry degree program results in the conferring of the Associate in Applied Science Degree in Opticianry and prepares the student for the licensing examinations required in Virginia and most other states. Completion of the Opticians Apprentice Certificate satisfies the related instruction component of the Virginia State Apprenticeship program.

PROGRAM MISSION STATEMENT

To provide quality education in the profession of Opticianry resulting in an Associate in Applied Science Degree and to prepare graduates for employment meeting the needs of the workforce. As an equal opportunity institution, JSRCC welcomes all and encourages its students to seek excellence in their studies.

PROGRAM GOALS

1. To add qualified professional men and women who can interpret prescriptions, fabricate eyewear, dispense spectacles and contact lenses, communicate effectively, utilize sales techniques, and are self confident to serve the visual needs of the public.
2. To prepare graduates for entry level employment in the optical field.
3. To prepare Opticianry students for successful completion of national certification and/or state licensing exams.
4. To maintain qualified faculty that meet and/or exceed the standards set forth by the Commission on Opticianry Accreditation and provide professional development opportunities.
5. To maintain program accreditation.

OVERVIEW OF THE OPHTHALMIC PROFESSIONS

OPTICIAN - a professional who has the responsibility for the dispensing of eyewear, including spectacles, contact lenses, low-vision aids, and accessories. The optician may fabricate, verify, and fit eyeglasses, contact lenses and other optical devices upon the written prescription of a medical doctor or doctor of optometry. Once presented with this prescription, an optician is responsible for analyzing and interpreting the prescription to determine the lenses that are best suited to the patient's lifestyle and visual needs. Frame selection, including size and material, is then chosen. The optician takes measurements to insure proper lens placement in the frame, and must verify the accuracy of the finished product. The glasses are adjusted to the patient by the optician at the time of delivery. Other duties include occasional adjustments to retain proper fit, replacements, and repairs of lenses and frames.

OPTOMETRIST - Doctors of optometry (O.D.) examine, diagnose, and treat vision problems, eye diseases and related systemic conditions, and prescribe eyeglasses, contact lenses, and medications to treat eye disorders. They cannot perform surgery, but they often provide patients with pre- and postsurgical care. Sometimes ophthalmologists and optometrists work in the same practice and co-manage patients.

OPHTHALMOLOGIST - An ophthalmologist is a physician who specializes in the medical and surgical care of the eyes and visual system and in the prevention of eye disease and injury. They provide a full spectrum of care including routine eye exams, diagnosis and medical treatment of eye disorders and diseases, prescriptions for eyeglasses or contact lenses, surgery, and management of eye problems that are caused by systemic illnesses. Ophthalmologists can be medical doctors (M.D.) or doctors of osteopathy (D.O.).

OPHTHALMIC TECHNICIAN - A certified ophthalmic technician is a professional who performs pre-test, pre-screening, medical history, and office management for the Ophthalmologist.

OPTOMETRIC ASSISTANT - The optometric assistant is a person trained to assist an Optometrist. Their duties consist of office skills, data collection, help in various pre-tests, fit and adjust the doctor's patient's eyeglasses.

Becoming a licensed optician in the State of Virginia

According to the Virginia Board of Opticians Rules and Regulations:

Part 1 Entry 18 VAC 100-20-10 section 5.

An applicant has to complete one of the following education requirements to sit for the opticianry state board exam:

- 1. An approved two-year course in a school of opticianry, including the study of topics essential to qualify for practicing as an optician (the AAS degree program);**
- OR**
- 2. A three-year apprenticeship with a minimum of one school year of related instruction while registered in the apprenticeship program in accordance with the standards established by the State Department of Labor and Industry Division of Apprenticeship Training and approved by the Virginia State Board for Opticians** Students must still register with the department of labor as an apprentice. The college has no control over the required hours of on the job training.

The related instruction for Virginia Optician Apprentices may be completed in 3 ways. All 3 methods are approved by the State Board for Opticians and the State Apprenticeship Council. They are:

- 1. Apprentice Career Studies Certificate** from J. Sargeant Reynolds Community College via the internet or on campus classes.
2. Instruction at a local technical center or community college approved by the state.
3. Home study courses offered by the National Academy of Opticianry.

SNAH Program Clinical Course Offerings

The college offers this program in affiliation with the healthcare agencies and practitioners in the communities the college serves. The college relies on its community affiliates to provide clinical education opportunities for its students, expert clinical preceptors, and course instructors for many courses. The often rapid changes in healthcare law, standards of practice, technology, and content of credentialing examinations increasingly necessitates sudden changes in the program's course content, policies, procedures and course scheduling.

As a result the college cannot guarantee every student continuous and uninterrupted clinical and course instruction as outlined in the printed catalog curriculum for this program. Circumstances beyond the control of the college may necessitate the postponement of course offerings or changes in the sequencing and/or location of scheduled courses or clinical assignments. Additionally the college may have to change the instructor for courses after instruction has started.

J. Sargeant Reynolds Community College Opticianry Program 804 -523-5415
Department of Labor Apprentice Training 804 -371-3104 ext 127
Virginia Board for Opticians 804-367-8569

Steps to follow to become accepted into EITHER Opticianry Program

1. **Complete the J. Sargeant Reynolds Community College online application** form. (There is no fee for applying) The link is under “**Future Students**”.

www.reynolds.edu

2. **Send transcripts** from high school and any prior colleges attended to JSRCC Admissions and Records office. There is a form to use for your convenience on the college website under the “**Online Forms**” link.
3. **Apply for any Financial Aid if needed.** You can apply for Aid on the college website also. Aid applications usually take at least 2 months to process. It is **very important** to get it done immediately if you are dependent upon the results for enrollment.
4. **Complete the SmarterMeasure Assessment.** Logging in from a College or Personal Computer: Go to <http://reynolds.smartermeasure.com> From the dropdown menu box beside Username, select the current semester. Type in **Reynolds** as your Password. Email the results to the program director.
5. **For Degree Seeking students only: Take placement examinations in Math & English.** (only required if you have never taken a college level Math or English before) Applicants who indicate less than acceptable skills will be required to take developmental courses. To arrange for placement exams call the Placement Testing Center at (804) 523-5470.

Students whose primary language is not English must either complete the college's English language proficiency testing or submit required documentation for a waiver of these tests prior to registration. Non-native speakers may be restricted to [English as a Second Language \(ESL\)](#) classes, and will be expected to complete these before progressing to Math and English Placement tests and most other classes. For additional information, please schedule an appointment with an ESL Advisor in Building B, Room 364, Parham Road campus by calling 804.523-5020.

6. **Have an interview with the Program Director.** Interviews can be arranged by contacting Ms. Metten directly via email or phone.

Once all 6 of these items have been completed, the applicant's folder is coded complete and acceptance is granted (space permitting).

New class cohorts for the degree typically start in the Fall semester, however if enrollment is strong enough, we do offer a Spring accelerated semester starts with our online courses.

AAS Degree OPTICIANRY CURRICULUM

COURSE PREFIX	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE
Fall Term				
OPT 150	Optical Laboratory Theory I	3	0	3
OPT 152	Optical Laboratory Clinical I	0	6	3
OPT 121*	Optical Theory I	3	0	3
SDV 100	College Success Skills	1	0	1
MTH 126*	Mathematics for Allied Health	3	0	3
—	Personal Wellness Elective	0-2	0-4	2
Total		10-12	6-10	15
Spring Term				
OPT 151	Optical Laboratory Theory II	3	0	3
OPT 153	Optical Laboratory Clinical II	0	6	3
OPT 122	Optical Theory II	3	0	3
ITE 115	Intro to Computer Applications & Concepts	3	0	3
ENG 111	College Composition I	3	0	3
Total		12	6	15
Summer Term				
OPT 154	Optical Business Management	3	0	3
OPT 160	Optical Dispensing Theory I	3	0	3
OPT 165	Optical Dispensing Clinical I	0	4	2
OPT 273	Contact Lens Theory I	3	0	3
Total		9	4	11
Fall Term				
OPT 260	Optical Dispensing Theory II	3	0	3
OPT 271	Optical Dispensing Clinical II	0	12	3
OPT 274	Contact Lens Theory II	3	0	3
OPT 105	Anatomy, Physiology, and Pathology of the Eye	3	0	3
ENG 112	College Composition II	3	0	3
Total		12	12	15
Spring Term				
OPT 253	Current Optical Trends	2	0	2
OPT 280	Contact Lens Clinical	0	6	3
OPT 272	Optical Dispensing Clinical III	0	12	3
—	Humanities Elective	3	0	3
—	Social Science Elective	3	0	3
Total		8	18	14
Total Minimum Credits for AAS Degree in Opticianry				70

*Math 126 is a co-requisite for OPT 121

Students who receive a final grade lower than "C or 71" in any of the opticianry courses must obtain permission from the program director to continue the major in opticianry.

Opticians Apprentice Career Studies Certificate

Occupational Objectives: Students who successfully complete this career studies certificate program and complete the 6000 hours of on-the-job training, as a registered apprentice will be eligible to sit for the licensure examination to become a licensed optician in the State of Virginia. Students must register with the department of labor as an apprentice optician. The college doesn't do this. Contact the Virginia Department of Labor Apprentice Training.

Program Notes: In addition to the general college curricular admission requirements, an interview with the Opticianry program head is required before beginning the curriculum. Students must be registered as an Apprentice Optician with the Virginia Department of Labor. This career studies certificate program may be completed in three years. To be awarded the Opticians Apprentice Career Studies Certificate, students are required to complete 2000 hours of on-the-job training per year for 3 years, for a total of 6000 hours, along with the required courses.

CURRICULUM					
Course Prefix	Course Number	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
Fall Semester					
OPT	121	Optical Theory I	3	0	3
OPT	150	Optical Laboratory Theory I	3	0	3
Spring Semester					
OPT	122	Optical Theory II	3	0	3
OPT	151	Optical Laboratory Theory II	3	0	3
Summer Semester					
OPT	160	Optical Dispensing Theory I	3	0	3
Taken Spring or Fall semester					
OPT	105	Anatomy, Physiology, and Path of Eye	3	0	3
Total			18	0	18

SmarterMeasure Quick Reference Guide

J. Sargeant Reynolds Community College

Are You Ready to Complete Your SmarterMeasure Assessment?

Logging in from a College or Personal Computer:

1. Go to <http://reynolds.smartermeasure.com>
2. From the dropdown menu box beside **Username**, select the **current semester**.
3. Type in **Reynolds** as your Password.

How long will the assessment take?

1. On average, the assessment takes approximately **45 minutes** to complete.
2. Follow the directions carefully and answer all personal information and assessment questions in the order they appear.

How do I get to the next section?

When you are done with a section, click on the **Continue** button to go to the next section.

Can I stop the assessment and finish later?

1. If you cannot finish the assessment in one sitting, click on **I need to Stop** box on the left.
2. When the *Stop & Save Assessment* screen appears, make sure your email address is correct and click on the **Save Assessment** button. The next screen to appear will contain a **SmarterMeasure PIN number to log back in** at a later time to finish the assessment. **Your SmarterMeasure PIN number is emailed to you.**

RETURNING USERS:

How do I log back in to complete the assessment?

1. Go back to <http://reynolds.smartermeasure.com>
2. When the initial SmarterMeasure screen appears, type your JSRCC email address and *SmarterMeasure PIN* number in the **Returning Users** box. Then click on the **Login** button or press the <Enter> key.
3. **You will be brought to the section of the assessment where you left off.**

How do I VIEW my results?

1. When you have completed the last section of the assessment, *Typing Speed & Accuracy*, verify that your email address is correct.
2. Click on the **View Results** button to view your results.

created 5/11/10 – dw; revised 7/7/10 – gh **OVER**How do I EMAIL my results?

1. If you are using a **CAMPUS COMPUTER** to complete the assessment, **DO NOT PRINT** your assessment results. *Printing results from a JSRCC computer requires fee payment.* Click on the **Email Report** option to email your results.

2. When the *Email Report* window appears, type your **email address** in the *Email Address* window.
3. Make sure to type a **short message** in the *Message* window such as *SmarterMeasure results*.
4. Click on the **Send Report** button. The report will be automatically emailed to you.

How do I PRINT my results from my Home Computer?

If you are using your **HOME COMPUTER** to complete the assessment, you can either **print out** or **email** your assessment results. Keep in mind that assessment reports are **20 or more pages in length**. You may just want to print out **page 2** which is the summary page, *Results at a Glance*.

Please remember, there will be a fee for printing results from a JSRCC computer.

How do I UPLOAD my results in Blackboard?

If you take a Distance Learning class, your instructor may ask you to upload your assessment results report in Blackboard. Follow the instructions provided by your instructor for uploading the report in Blackboard.

Technical Competency Section

If you **do not have speakers** connected to your computer, are **hearing impaired**, or are using a computer lab or library computer and cannot turn up the volume (unless you have headphones), you can opt out of this question. Headphones are not available for student use in the college's testing centers or academic computing centers. You can borrow headphones at any campus library's Circulation Desk for use on a library computer.

What if I am a student with accommodations needs?

Please email questions to rippleeffect@reynolds.edu.

What technical capabilities does my personal computer need to have?

To successfully use SmarterMeasure, you must:

1. Have Internet access with a 28.8K modem or faster. (A minimum 56k modem is recommended to download components such as audio files.)
2. Accept browser cookies.
3. Enable JavaScript on your Web browser.
4. Set your browser to refresh at every page.
5. Not be behind a firewall that blocks cookies or blocks access to a secure server.
6. Turn off pop-up blocking. (Internet Explorer users only)
7. Have speakers connected to your computer and turned on (speakers are optional).

The following minimum plug-in versions may be required to access certain areas of the site. If your version precedes or differs from those listed, you may be prompted to download a new version.

1. Adobe Acrobat Reader 5.0 or higher
2. Macromedia Flash Player

Other Questions?

Email rippleeffect@reynolds.edu

DO NOT PRINT YOUR RESULTS