



# Commonwealth of Virginia Plan of Study

Student Name: \_\_\_\_\_  
School: \_\_\_\_\_  
Date: \_\_\_\_\_

Cluster: Health Science Pathway: Opticianry

*This Career Pathway Plan of Study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.*

EDUCATION LEVELS	GRADE	English/ Language Arts	Mathematics	Science	Social Studies/ Science	Other Required Courses Recommended Electives Learner Activities	Recommended Career and Technical Courses Source: Administrative Planning Guide www.doe.virginia.gov/VDOE/ Instruction/CTE/apg/	SAMPLE – Occupations Relating to This Pathway: www.doe.virginia.gov/VDOE/ Instruction/CTE/careerclusters/ www.careerclusters.org www.cteresource.org/cpg/	
<b>Graduation Requirements: <a href="http://www.doe.virginia.gov/2plus4in2004/index.shtml">http://www.doe.virginia.gov/2plus4in2004/index.shtml</a></b>									
<b>MIDDLE</b>	7	English	Math 7/3111	4115/Life Science	Social Studies 7/2355	Health & PE	6150 Exploring Keyboarding (18 wks)	<ul style="list-style-type: none"> <li>- Anesthesiologist Assistant</li> <li>- Athletic Trainer</li> <li>- Audiologist</li> <li>- Certified Nursing Assistant</li> <li>- Chiropractor</li> <li>- Clinical Medical Assistant</li> <li>- Dental Assistant/Hygienist</li> <li>- Dental Lab Technician</li> <li>- Dentist</li> <li>- Dietician</li> <li>- EMT/Paramedic</li> <li>- Exercise Physiologist</li> <li>- Home Health Aide</li> <li>- LPN/RN</li> <li>- Massage Therapist</li> <li>- Medical Assistant</li> <li>- Nurse Practitioner</li> <li>- Occupational Therapist/Assistant</li> <li>- Optician/Optomtrist</li> <li>- Pharmacist/Pharmacy Technician</li> <li>- Physical Therapist/Assistant</li> <li>- Physician (MD/DO)</li> <li>- Physician's Assistant</li> <li>- Psychologist</li> <li>- Radiologic Technician</li> <li>- Recreation Therapist</li> <li>- Respiratory Therapist</li> <li>- Social Worker</li> <li>- Speech Language Pathologist</li> <li>- Surgical Technician/Technologist</li> <li>- Veterinarian/VetAssist/Technician</li> </ul>	
	8	English	Math 8/3112	4125/Physical Science 8	Social Studies 8/2220 Civics & Economics	Health & PE	8219 Independent Living		
<b>Career Assessment:</b> Administration of a career assessment instrument is appropriate at the middle school level to help students and their parents plan for high school (Virginia's Career Planning System or other assessment product).									
<b>(SECONDARY)</b>	9	English	Algebra I	Earth Sciences	World History/ Geography	Health & PE (2 years) Foreign Language (3 years) Other Electives to Complement Pathway (Core Academic and CTE):	6612 Computer Information Systems/ITE 115 DE		
	10	English	Geometry	Biology	World History/ Geography		7040 Driver Education & Highway Safety/8228 Foods & Wellness		
	11	English	Algebra II	Chemistry	US/VA History		OPT Optical Laboratory & Science I & II		
	12	English 12/Eng 111/112 DE	Trigonometry/ Advanced Algebra	Physics (or Principles of Technology I and II)	US/VA Government		OPT Theory I & Optical Dispensing I		
<b>High school courses in the pathway offered locally for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)</b>									
<b>List related certifications/credentials approved by VDOE and offered locally:</b> <a href="http://www.doe.virginia.gov/VDOE/Instruction/CTE/apg/">http://www.doe.virginia.gov/VDOE/Instruction/CTE/apg/</a> (Go to Section 9.)						<b>Additional Learning Opportunities:</b> CTSO Organization(s): <input type="checkbox"/> DECA <input type="checkbox"/> FBLA <input type="checkbox"/> FCCLA <input type="checkbox"/> FFA <input type="checkbox"/> FEA <input checked="" type="checkbox"/> HOSA <input type="checkbox"/> Skills USA <input type="checkbox"/> TSA			
Certified Nurse Aide Licensed Practical Nurse after PNII						<b>Work-Based Learning:</b> <input type="checkbox"/> Career Research <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Student Apprenticeship			
<b>Postsecondary:</b> Placement Assessments such as COMPASS & SAT II						College Entrance Exams such as ACT & SAT			
<b>POSTSECON DARY</b>	<b>SAMPLE POSTSECONDARY PROGRAMS RELATED TO THIS CAREER PATHWAY</b> Individual plans must include locally agreed upon courses at the postsecondary level (See page 2)								
	<b>Pathway</b>		<b>Associate Degree, College Certificate, or Apprenticeship</b>			<b>Bachelors Degree</b>		<b>Postgraduate Degree</b>	
	Health Science		Opticianry (AAS)			Optician			

College: [J. Sargeant Reynolds Community College](#)

School Division(s): Hanover County, Virginia

Postsecondary: Placement Assessments such as COMPASS & SAT II

POSTSECONDARY - COMMUNITY COLLEGE or APPRENTICESHIP - Determined Locally	Semester	English	Mathematics	Science	Social Studies	Required Courses or Recommended Electives			
	POSTSECONDARY PLAN OF STUDIES MUST INCLUDE POSTSECONDARY ACADEMIC, CTE, AND OTHER ELECTIVE COURSES APPROPRIATE FOR AN ASSOCIATE DEGREE.								
	Year 1 1 <sup>st</sup> Semester		MTH 120 Introduction to Mathematics	OPT 121 Optical Theory I	OPT 150 Optical Laboratory Theory I	OPT 152 Optical Laboratory Clinical I	SDV 100 College Success Skills	Personal Wellness Elective	
	Year 1 2 <sup>nd</sup> Semester	Eng 111/ College Composition II DE	OPT 122 Optical Theory II	OPT 151 Optical Laboratory Theory II	OPT 153 Optical Laboratory Clinical II		ITE 115 /6612 Computer Information Systems DE		
		OPT 154 Optical Business Management	OPT 160 Optical Dispensing Theory I	OPT 165 Optical Dispensing Clinical I	OPT 273 Contact Lens Theory I				
	Year 2 1 <sup>st</sup> Semester	Eng 112/ College Composition II DE	OPT 105 Anatomy, Physiology, & Pathology of the Eye	OPT 260 Optical Dispensing Theory II	OPT 271 Optical Dispensing Clinical II	OPT Contact Lens Theory II			
	Year 2 2 <sup>nd</sup> Semester	OPT 252 Current Optical Trends	OPT 280 Contact Lens Clinical	OPT 272 Optical Dispensing Clinical III	Humanities/Fine Arts Elective	Humanities/Fine Arts Elective			
	College courses offered locally in the high school for college credit should be coded: DE (Dual Enrollment) and/or VC (Validated Credit)								
	<b>Related Industry Certifications Available:</b>  Certified Nurse Aide Licensed Practical Nurse after PNII					<b>Additional Suggested Learning Opportunities: Additional CSC programs for EMT Intermediate and Paramedic are available at JSRCC</b>  <b>Work-Based Learning:</b> <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship <input type="checkbox"/> Mentorship <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Registered Apprenticeship			
	UNIVERSITY	University/College: Degree or Major: Number of Articulated CC Credits: Would be Based on the Local School Divisions Agreements *							
Notes:									