

# Las Americas ASPIRA Academy Profile

## Public and Community Health

<b>Summary of Major</b>	<p>The Public Community Health Pathway is a three 3 course study that engages students in a comprehensive approach to health while learning about social determinants such as poverty, discrimination, and inadequate access to resources Students will learn to view health from medical, behavioural, social, and environmental perspectives Additionally, students will discover methods for eliminating health inequities and bringing awareness to public policy to determine the distribution of resources needed for healthy communities. Students will explore the fields of health and human services while investigating client needs, services, and the skills and attitudes required of the effective human services worker. Through exploration of the National Health Science Standards, students will acquire important skills necessary for healthcare professionals such as medical terminology, medical mathematics, communication, safety practices, legal responsibilities, and teamwork.</p>
<b>Future Careers</b>	<ul style="list-style-type: none"><li>• Respiratory Therapist</li><li>• Nurse</li><li>• Dental Hygienist</li><li>• Medical Lab Technician</li><li>• Physical Therapist</li><li>• Radiologist</li></ul>
<b>Courses</b>	<ul style="list-style-type: none"><li>• Fundamentals of Health Science</li><li>• Essentials of Public and Community Health</li><li>• Personal Wellness</li></ul>
<b>College Credit</b>	<p>Students are required to take a dual enrollment course. Successful completion will result in 3 college credits.</p>
<b>Additional Info</b>	<p>Students in this pathway are required to complete service hours in medical facilities.</p>

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## K-12 Teacher Academy

<b>Summary of Major</b>	The K-12 Teacher Academy program of study engages students in developing a realistic understanding of teaching while exploring the importance and impact of teachers. Students will acquire the knowledge and skills needed to sustain their interest in the profession and cultivate the skills needed to be successful educators, thus creating a pipeline of high-quality students transitioning to the teaching profession. Students will understand the rigors of a career in education and participate in classroom and field experiences relevant to pursuing a degree in education. The program prepares students for a variety of careers in education such as elementary teacher, secondary teacher, paraprofessional, and special education teacher.
<b>Future Careers</b>	<ul style="list-style-type: none"><li>• Elementary Teacher</li><li>• Secondary Teacher</li><li>• Paraprofessional</li><li>• Special Education Teacher</li><li>• Dual Language Immersion Teacher</li></ul>
<b>Courses</b>	<ul style="list-style-type: none"><li>• Teaching as a Profession</li><li>• Foundations of Curriculum and Instruction</li><li>• Creating Environments for Learning</li></ul>
<b>College Credit</b>	Students are required to take a dual enrollment course. Successful completion will result in 3 college credits.
<b>Additional Info</b>	Students will be eligible to take the ParaPro exam to be certified as a Paraprofessional.

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### Business and Information Management

<b>Summary of Major</b>	The NAF Academy of Business Information & Management (AOBIM) program introduces students to the skills needed to plan, organize, direct, and evaluate business functions essential to efficient and productive business operations through courses focusing on entrepreneurship, global and domestic economics, information technology, customer service and ethics. Students gain critical career knowledge through a series of work-based learning activities that are conducted in school, as well as outside the classroom, and a 120-hour paid summer internship. Completion of the program is validated with a NAFTrack Certification, NAF's student certification assessment system.
<b>Future Careers</b>	<ul style="list-style-type: none"><li>• General and Operations Managers</li><li>• Purchasing Managers</li><li>• Business Operations Specialists</li><li>• Computer Information System Managers</li></ul>
<b>Courses</b>	<ul style="list-style-type: none"><li>• Business Information Technology</li><li>• Global Business Economics</li><li>• Entrepreneurship</li></ul>
<b>College Credit</b>	Students completing this pathway can earn up to 6 college credits at Delaware Technical Community College.
<b>Additional Info</b>	Students in this pathway are required to complete work-based learning experiences.

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## Computer Science

<b>Summary of Major</b>	The Computer Science program engages students in open-ended problem solving where students study computational practices such as algorithm development, problem solving and programming within the context of problems relevant to their everyday lives. They are also introduced to topics such as interface design, limitations of computers, and societal and ethical issues. The program prepares students for further education and careers in information technology and computer science.
<b>Future Careers</b>	<ul style="list-style-type: none"><li>• Applications Analyst</li><li>• Business Analyst</li><li>• Computer Engineer</li><li>• Information Technology Manager</li><li>• Software Applications Architect</li><li>• Software Engineer</li></ul>
<b>Courses</b>	<ul style="list-style-type: none"><li>• Exploring Computer Science</li><li>• AP Computer Science Principles</li><li>• AP Computer Science A</li></ul>
<b>College Credit</b>	Students earn advanced standing with all of Delaware colleges and universities with 4 or higher on the AP exams.
<b>Additional Info</b>	Students are expected to take AP courses and exams for this Pathway.

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## Math and Science

<b>Summary of Major</b>	This academic pathway is designed to provide coursework that will prepare any student to pursue a career requiring strong math and science background. The courses found in the Math and Science Pathway will allow each student to develop the critical thinking and skills necessary to be successful in math, science and in life. Students in this Pathway will learn how to ask questions, develop and use models, plan and conduct investigations, analyze data to construct explanations, argue with evidence, and communicate both verbally and in writing just like real scientists do in their fields. Students choosing this pathway should have a strong desire to learn through hands-on, inquiry-based activities and projects that will challenge them to apply their knowledge and skills and not just recall facts.
<b>Future Careers</b>	<ul style="list-style-type: none"><li>• Meteorologist</li><li>• Physicist</li><li>• Research Scientist</li><li>• Medical Professional</li><li>• Engineer</li><li>• Mathematician</li><li>• Accountant</li></ul>
<b>Courses</b>	Choose 3 additional Math and/or Science courses beyond the required Math and Science credits needed for graduation.
<b>College Credit</b>	
<b>Additional Info</b>	Students are expected to take the AP exam for any AP course taken in this Pathway.