# **BACKGROUND INFORMATION**

1. Program of study name: Child Care & Support Services
2. Point of Contact
 Name: Jill Farr

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1. Applicant’s School/College: Delaware Valley High School
2. State: Pennsylvania
3. Type of institution (click the box to check)

 Area technical center

[ ]  Career academy

 X Comprehensive high school

 [ ]  Community college

 [ ]  Technical college

Other (please specify)

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|  |

1. Career Cluster in which your program of study should be considered (Follow this link for a further explanation of each Career Cluster [careertech.org/career-clusters](http://careertech.org/career-clusters)) **(Select only ONE):**

 [ ]  Agriculture, Food & Natural Resources Career Cluster

 [ ]  Architecture & Construction Career Cluster

 [ ]  Arts, A/V Technology & Communications Career Cluster

 [ ]  Business Management & Administration Career Cluster

 X Education & Training Career Cluster

 [ ]  Finance Career Cluster

 [ ]  Government & Public Administration Career Cluster

 [ ]  Health Sciences Career Cluster

 [ ]  Hospitality & Tourism Career Cluster

 [ ]  Human Services Career Cluster

 [ ]  Information Technology Career Cluster

 [ ]  Law, Public Safety, Corrections & Security Career Cluster

 [ ]  Manufacturing Career Cluster

 Marketing Career Cluster

 [ ]  Science, Technology, Engineering & Mathematics Career Cluster

 [ ]  Transportation, Distribution & Logistics Career Cluster

1. In three sentences or less, describe your program of study, including the secondary and postsecondary components and how long the program of study has been in place.

 This program of study has been in place for 7 years and prepares students for a career in working with young children from birth to age 9. It prepares students to further their education to pursue a Bachelor’s degree in Early Childhood Education and child services careers. Students have the opportunity to apply their learning through hands on experiences in daycare centers, preschool labs, and elementary school classrooms.

1. Please check the geographical and demographic setting for your program of study and describe the geographic and economic conditions of the region served by the school.

 [ ]  Urban

 [ ]  Suburban

 X Rural

 Other

# **STUDENT POPULATION & DATA**

1. Please describe your program of study’s demographic and outcome data for the most recent academic year(s). It is our strong preference to have data from both secondary and postsecondary levels. If this is not available, please provide an explanation as to why the data from the other learner level is not available. Applications that do not include data to support positive impact on student achievement will not be eligible for consideration. (100 word limit)

 Delaware Valley Child Care and Support Services Management has participated in the NOCTI exams since the inception of the program of study. To date, Delaware Valley Child Care and Support Services Management has achieved advanced for 100% of all eligible students in the program. NOCTI scores for the 2016-17 group average was 97%, a combination of written and performance measures. NOCTI scores for the 2015-16 group average was 92%, a combination of written and performance measures. NOCTI scores for the 2014-15 group average was 94%, a combination of written and performance measures.

**NOTE**: Please specify if and when you are using a percentage with a different denominator (e.g., seniors) than the one listed.

**When completing the data section, please only use percentages and include data that is from your program of study, not the entire school/institution. Additionally, only include data where students are eligible to participate (e.g., only seniors in high school will be eligible for the section asking for percent of seniors who graduated high school, so only seniors should be included in that data; if your work-based learning only occurs within a specific grade level, only include them in your data for that category.)**

|  |  |  |  |
| --- | --- | --- | --- |
| SCHOOL YEAR | 2014-15 | 2015-16 | 2016-17 |
| **SECONDARY-LEVEL DATA** |
| **Total number of students served by your program of study**  |  |  |  |
| % male students  | 3% | 0% | 0% |
| % female students  | 97% | 100% | 100% |
| % minority students | 9% | 14% | 3% |
| % low-income students  | 30% | 30% | 32% |
| % students with disabilities  | 16% | 22% | 5% |
| % English language learners | 0% | 0% | 0% |
| Other relevant *demographic* data  |  |  |  |
| % of students who earned postsecondary credit (dual enrollment, AP, etc.)  | 50% | 67% | 75% |
| % of students who earned an industry-recognized credential  | 100% | 100% | 100% |
| % of students who participated in work-based learning | 100% | 100% | 100% |
| % of seniors who graduated high school (who were eligible/seniors)  | 100% | 100% | 100% |
| % of graduates who enrolled in postsecondary education (who were eligible/seniors)  | 90% | 100% | 75% |
| % of graduates who entered the workplace and/or military (who were eligible/seniors)  | 10% | 0% | 25% |
| **POSTSECONDARY-LEVEL DATA** |
| **Total number of students served by your program of study**  | N/A |  |  |
| % male students  |  |  |  |
| % female students  |  |  |  |
| % minority students | % | % | % |
| % low-income students  | % | % | % |
| % students with disabilities  | % | % | % |
| % English language learners | % | % | % |
| Other relevant *demographic* data  |  |  |  |
| % of students who completed postsecondary/earned a degree or certificate (who were eligible)  | % | % | % |
| % of students who earned an industry-recognized credential (who were eligible)  | % | % | % |
| % of graduates who entered the workplace and/or military (who were eligible)  | % | % | % |
| % of graduates who transitioned to further postsecondary education (who were eligible) |  |  |  |

1. Provide links to the source of the above data. If the links are not publicly accessible, please explain the source of the data.

Source of data: PIMS CTE QC Report 16

1. How does your school or institution ensure equitable access and outcomes for students with diverse backgrounds? (150 word limit)

 Delaware Valley School District and Technical Program provides equitable access to all technology, academic and support services to enhance student learning for all students. These resources include but are not limited to: use of media, technology, support personnel, tutoring, one on one assistance as needed.

 Delaware Valley Career Technical Programs are inclusive of all academic ability levels. This program of study focuses on student students’ academic, social and emotion development. The career tech environment challenges each student to achieve academically high levels of success. Attention is given to cultural and ethnic differences while including educational experiences to enhance learning.

1. If applicable, what strategies or technologies do you use to close access gaps? (e.g. integrated digital learning, virtual work based learning.)

The strategies and technologies included with this program of study include Google Classroom, Chromebooks, IPads, and classroom Smart Board, after school tutoring, literacy expert push-in, and special education teachers available daily for remediation in all course work.

1. What activities does your school or institution do to recruit elementary, middle, high school students and/or adult learners into the program of study? Please provide examples. (150 word limit)

 The Delaware Valley High School explains the career technical programs at various times throughout the high school students’ enrollment. This recruitment begins at the middle school level with career day in which a local daycare provider is one of the guest speakers. In addition, all incoming freshman and their families have an orientation at the high school prior to the beginning of the school year explaining the available career technical programs offered at the sophomore level. The high school also provides a freshman tour prior to scheduling for their sophomore year. including power points and question and answer sessions with currently enrolled students in each of the career technical programs.

1. Is your program of study associated with a Career Technical Student Organization (CTSO)? If so, which one(s) and in what way(s)? (Check the [approved list](http://www.ctsos.org/ctsos/) of CTSOs) (50 word limit)

Early Childhood Education students are all active members of FCCLA. These students participate in the regional and state level meetings. In 2016, Delaware Valley High School had 5 state competitors whom achieved first place at the state level and won gold & silver at the national completion.

1. Describe how career guidance/advisement is integrated into your program of study to support students’ completion of the program of study and entry into additional education/training and/or a successful career. Where applicable, describe the tools (individual career and academic plans, career exploration websites, etc.) that are provided to learners and how they are used. (**200 word limit**)

Delaware Valley High School has 7 guidance counselors for the student population. Our school district uses the Naviance website for their career exploration and college enrollment. In addition, all freshmen have a required course for graduation “Freshman Seminar” which explores, explains and uses Naviance in a career exploration unit. Delaware Valley also has multiple community colleges visit and present their programs of study to the students. The state colleges visit our school in the fall and offer instant admittance to any interested seniors. All colleges that participate in the PA SOAR Program also give presentations to all of the career technical students enrolled at Delaware Valley.

# **COLLEGE- AND CAREER-READY STANDARDS/EXPECTATIONS**

1. Please describe how your program of study was developed and how it ensures students are academically and technically prepared for postsecondary education and careers. Please also address the following:
	1. How were employers involved in the development and/or maintenance of your program of study?
	2. How does this program of study meet the economic needs of your community?
	3. How does this program prepare students for postsecondary education? (if applicable)
	4. How were both secondary and postsecondary educators involved in the development and/or maintenance of the program of study? (500 word limit)

The Delaware Valley High School offered a class for child development and saw a need to increase the level of skills and experience of the students within this field of study. This program of study was researched in the community was accessed in order to assess the need for this occupation. Administration contacted four of the local area daycare centers to discuss the needs of their businesses and what skills they sought out in their employees.

 The daycares continue to support our program of study by allowing high school students to participate within their daycare centers 160 hours per school year. Communication continues between program of study instructors and daycare directors on a weekly basis via phone, email, and face-to-face visitation.

Our school district has approximately 4600 students and our community offers five local licensed Keystone Star daycare centers. There are waiting lists for the birth to age 9 child to get into the daycares and the center directors indicate that quality employees are scarce. Daycare directors require employees to be CDA ready (Child Development Associate Credential) or who are willing to take the coursework to achieve this certification.

This program of study covers ages birth through 9 years of age. Students participate in the study of infants and toddlers in their sophomore year. Junior year students facilitate and create the curriculum for 3 and 4 year olds through the Delaware Valley Preschool Lab which is housed on campus and senior students’ student teach within the Delaware Valley Elementary School in grades Kindergarten through grade four.

The Delaware Valley High School prepares all students for their CDA certification. All students are administered the NOCTI examination and are CDA ready at graduation. In addition, all students have their physicals, TB tests, and Pennsylvania required clearances prior to participating in the program. These tests and clearances are funded by the Delaware Valley School District.

The Delaware Valley High School has dual enrollment with Keystone College, which allows students to attain 12 college credits through our program of study. To secure these dual enrollment articulations Delaware Valley provided the program of study’s curricula and résumé of the instructor to Keystone College.

Delaware Valley is also an approved program of study in the state of Pennsylvania and participates in the PA Bureau of Career and Technical Education SOAR programs, which offers up to 9 college credits at participating colleges free of tuition charges.

1. Which technical, academic and/or employability skill standards does your program of study incorporate at the secondary and/or postsecondary level and how? (Please list the standards you use and be specific regarding how your program uses industry, national, state and/or locally-developed standards) (250 word limit)

This program of study encompasses the Family & Consumer Science standard of Child Development at all three levels of this program including student created power point presentations, student created Kahoot games to instruct their peers and the study of brain development. Health and safety are addressed through universal precautions, American Heart Association CPR and First Aid Certification. Students optimize child development knowledge through curriculum writing and facilitating lesson to children at various ages and stages of development as well as in various settings. In addition, students apply the standard of work and family responsibilities through time management, letters home and community service projects. All standards are applied through practical hands on application of knowledge through field experiences.

The career standards are taught through the use of text, projects, assessments and hands on activities through the student’s field experiences. Students create extensive professional portfolios which include student created original work including but not limited to: puppets, activities for children ages birth to 9 in the areas of math, literacy, science and social studies, songs and finger play resource binder, thematic unit, dramatic play kit, bulletin boards, and felt boards.

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| **Standard Types**  | **Please list the standards your program of study uses and how it uses them below:**  |
| Academic StandardsChild Development 11.4  | 1. Analyze current research on existing theories in child development and its impact on parents.
2. Analyze current issues in health and safety affecting children at each stage of child development.
3. Analyze practices that optimize child development.
4. Analyze plans and methods to blend work and family responsibilities to meet the needs of children.
 |
| Career Cluster or Technical StandardsChild Care & Support Services Management PA CIP 19.0708 | 1. Professionalism
2. Health & Safety
3. Learning Environment (Physical Space)
4. Child Development (Social, Emotional, Physical, Intellectual, Language Development)
5. Classroom Management & Positive Guidance
6. Standards, Curriculum, & Assessment
7. Curriculum Development
8. Leaning Activities/Experiences
9. Program Partnerships
 |
| Employability Standards Child Development Associate Ready | NOCTI Exam |
| Other |  |

# **SEQUENCE OF COURSES & CREDIT TRANSFER**

1. Please fill out the chart below, and describe your program of study’s course sequence by grade level, including the relevant or required academic and technical courses, as well as other required activities.

Make sure to highlight the course sequence that bridges secondary and postsecondary education, and explain how your program of study ensures students gain the broader Career Cluster-level knowledge/skills and, over time, gain the more specific occupation-level knowledge/skills as they progress through the program of study. You can also include graphics or [plans of study](http://careertech.org/sites/default/files/PlanStudy-CareerCluster-AG_0.pdf) of the course sequence in lieu of filling out the chart below.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Grade/Year | English/Language Arts | Math | Science | Social Studies/ Sciences | Other Required Courses/Other Electives/Learner Activities  | CTE Courses and/or Degree Major Courses |
| **9** | English 9 | Algebra | Science 9 | American Studies | Freshman SeminarPE/Health |  |
| **10** | English 10 | Geometry | Biology | N/A | PE/Health | Early Childhood Education Level 1 |
| **11** | English 11 | Alegbra 2/Trig | Chemistry | American Government | PE/Health | Early Childhood Education Level 2 |
| **12** | English 12 | Pre-Calc | Citizens Scientist  | Psych/Sociology  | PE/Health | Early Childhood Education Level 3 |
| **13** | N/A | N/A | N/A | N/A | N/A |  |
| **14** | N/A | N/A | N/A | N/A | N/A |  |
| **15** | N/A | N/A | N/A | N/A | N/A |  |
| **16** | N/A | N/A | N/A | N/A | N/A |  |

1. How do you ensure that CTE instruction and coursework is integrated with core academics?

Delaware Valley integrates math and reading in all curriculum areas. Instructors create Student Learning Objectives including writing objectives for all students. Delaware Valley High School also created a science specific course “Citizen Science” for the career technical students, which is focused on career science skills. In addition, the career technical courses have a literacy expert push-in weekly to read and discuss current trends within that specific course of study.

1. List the opportunities for students to earn articulate and/or transcript dual enrollment credit across K-12 and postsecondary, such as AP/IB, dual and concurrent enrollment, capstone experiences and/or transcript credit articulation agreements. (250 word limit)

The Delaware Valley High School has dual enrollment with Keystone College, which allows students to attain 12 college credits through our program of study. The classes included with this articulation agreement include: ECE1110 “Intro. to Early Childhood Education” (3 credits); ECE2115 “Curriculum and Program Planning” (3 credits); EDUC2130 “Child, Family and Community” (3 credits) and PYCH2190 “Child Development I” (3 credits). To secure these dual enrollment articulations Delaware Valley provided the program of study’s curricula and résumé for the instructor to Keystone College. In addition, students can participate in the capstone experience through Delaware Valley High School.

Delaware Valley is also an approved program of study in the state of Pennsylvania and participates in the PA Bureau of Career and Technical Education SOAR programs, which affords up to 9 college credits at participating colleges free of tuition charges.

Delaware Valley offers almost all of the different Advanced Placement courses available through the College Board. A total of 29 courses are offered and in 2017 a total of 871 exams were given at the high school which resulted in 125 total AP scholars.

1. Please provide information on **at least three partnerships** with *education institutions and groups* your program of study has, and describe how these partnerships have been built, maintained and sustained over time. Use this space to specifically address the secondary and postsecondary partners that contribute to and maintain this program of study.

|  |  |  |
| --- | --- | --- |
| **Education Partnership Name** | **What role does this partner have in directly supporting your program of study?** | **How many years has this partnership been active, and how was this partnership developed?** |
| Sunshine Station | Career Tech students attend the daycare center 160 hours in their sophomore year. Directors of center are participants on our Occupational Advisory Council. | 7 Years – Administration met with local daycare centers and discussed if there was a need and desire to participate in this program. |
| Good Shepherd Child Care Center | Career Tech students attend the daycare center 160 hours in their sophomore year. Directors of center are participants on our Occupational Advisory Council. | 7 Years – Administration met with local daycare centers and discussed if there was a need and desire to participate in this program. |
| Mountain View School | Career Tech students attend the daycare center 160 hours in their sophomore year. Directors of center are participants on our Occupational Advisory Council. | 7 Years – Administration met with local daycare centers and discussed if there was a need and desire to participate in this program. |
| Center for Developmental Disabilities | Career Tech students attend the daycare center 160 hours in their sophomore year. Directors of center are participants on our Occupational Advisory Council. | 7 Years – Administration met with local daycare centers and discussed if there was a need and desire to participate in this program. |

# **ALIGNMENT WITH INDUSTRY AND BUSINESS NEEDS**

1. Please describe how your program of study is aligned with the needs of the workforce and industry in your community. Make sure to include information on how the program of study helps meet workforce demand identified by business and industry. If applicable, what labor market data does your program of study use to align to workforce needs? (250 word limit)

 According to the 2017 High Priority Occupations for Pocono Counties Workforce for CIP Code 19.0708 Child Care and Support Services Management is not a high priority occupation. However, this occupation is a crosswalk to multiple careers including SOC Code11-9031 Education Administrators Preschool & Childcare Center Program; SOC Code 25-2011 Preschool Teachers; SOC Code 39-9011 Childcare Workers; which are high priority occupations in the Commonwealth of Pennsylvania.

1. Are ALL students in the program of study required to participate in a work-based learning opportunity? YES or NO.

YES

1. Please describe the work-based learning opportunities available to students who participate in this program of study. (250 word limit)

This program of study integrates classroom studies in employability skills and consumer skills with planned, supervised, and practical work experience. Students will develop personal initiative, learn to work with others, and recognize the importance of appropriate attitude and behavior for this occupation. Maintaining employment and excellent class attendance are essential to successful completion of the program of study. Students gain knowledge and understanding through hands on participation in daycare centers, preschool labs, and early childhood classrooms through grade 4. This program of study emphasizes learning experiences to gain knowledge and understanding of the cognitive, physical, social, and emotional development of children ages birth through 9. Students have opportunities to apply their learning through participation in field experiences which over the three-year program of study includes 160 hours at local daycare centers, 180 hours facilitating the preschool lab, and 200 hours student teaching at the district’s elementary school. Students also complete professional portfolios which include resources such as a Song & Finger Play Binder, Thematic Unit, Lessons and Templates of original student created lessons.

1. Please list the industry-recognized credentials/certifications/licenses offered/required. If your program of study does not include industry-based credentials/certifications, please explain why. (200 word limit)

Delaware Valley students must obtain a current physical to participate in this program. In additional all students are given a TB test by the school and all state and federal clearances required by Pennsylvania are submitted for the student by the school district. These are standard clearances and certifications required to be employable by the local daycare centers who participate in Keystone Stars. All students are Child Development Associate Credential ready upon graduation. Students age 16 and in the approved program of study with 180 hours in a childcare environment are eligible to volunteer within the childcare industry in Pennsylvania. Students age 18 and in the approved program of study with 180 hours of childcare experience are eligible for employment.

|  |  |
| --- | --- |
| **Offered** | **Required**  |
|  | American Heart Association Certification in Pediatric First Aid & CPR |
|  | NOCTI Exam |
|  |  |

1. Please describe how you ensure the instructors teaching this program of study keep up-to-date on advancements in the workplace, such as participating in externships and/or requirements to have current industry credentials. (100 word limit)

The instructor has a Bachelor’s of Science in Family and Consumer Science K-12 from Marywood University. In addition, the instructor recently finished a Master’s in Early Childhood Education & Intervention. The instructor also has a Pennsylvania Online Instruction Endorsement on her teaching certification. The instructor is presently completing the National Teacher Certification Program.

The instructor is a current member of the PAFACS and vice president of the North East Region PAFCS. The instructor meets twice a year with the Occupational Advisory Committee which is made up of professionals within the teaching field to discuss needs of the profession.

1. Please provide information on **at least three** *business, industry and/or labor* partnerships your program of study has, and describe how these partnerships have been built, maintained and sustained over time.

|  |  |  |
| --- | --- | --- |
| **Business/Industry Name** | **What role does this partner have in directly supporting your program of study?** | **How many years has this partnership been active, and how was this partnership developed?** |
| Snips & Snails Preschool - Preschool | Owner/director participates on the Occupational Advisory Council and assists in NOCTI administration. | 7 Years - Administration met with local preschools and discussed if there was a need and desire to participate in this program. |
| Sunshine Station – Daycare Center and Preschool Programs | Owner/director participates on the Occupational Advisory Council and assists in NOCTI administration. Directors advocate for equipment needs to the local school board. Participation in safety of preschool lab and environment design. Updates our program on employability laws for our students. This center hires our career technical students.  | 7 Years – Continuous communication between high school instructors, administration and directors of programs.  |
| Good Shepherd Child Care Center – Daycare Center | Owner/director participates on the Occupational Advisory Council and assists in NOCTI administration. Directors advocate for equipment needs to the local school board. Participation in safety of preschool lab and environment design. Updates our program on employability laws for our students. | 7 Years – Continuous communication between high school instructors, administration and directors of programs. |
| Mountain View School | Owner/director participates on the Occupational Advisory Council and assists in NOCTI administration. Directors advocate for equipment needs to the local school board. Participation in safety of preschool lab and environment design. Updates our program on employability laws for our students. Trains high school students in professionalism and new teacher orientation expectations.  | 7 Years – Continuous communication between high school instructors, administration and directors of programs. |
| Center for Developmental Disabilities | Owner/director participates on the Occupational Advisory Council and assists in NOCTI administration. Directors advocate for equipment needs to the local school board. Participation in safety of preschool lab and environment design. Updates our program on employability laws for our students. Updates our staff and students on Special Education laws. | 7 Years – Continuous communication between high school instructors, administration and directors of programs. |

1. Please feel free to use the space below to share any other information or evidence of success of your program of study and the students who participate. (Optional)
 Delaware Valley High School Child Care and Support Services career technical program has had superior success both in the NOCTI exams and in college enrollment. The students leaving this three-year program are academically and skill ready to enter college or the workforce. This program has brought attention from area colleges and other career technical schools to visit our facilities and interview our instructor and administrators in order to duplicate our program and ultimately our success.
2. If applicable, please provide more detail on any partnerships your program of study has that have not been mentioned already. This includes community groups, non-profits, volunteer organizations, etc. Describe how these partnerships have been built, maintained and sustained over time. (Optional)

|  |  |  |
| --- | --- | --- |
| **Additional Partnerships** | **What role does this partner have in directly supporting your program of study?** | **How many years has this partnership been active, and how was this partnership developed?** |
| Delaware Valley Elementary School | Career Tech students attend the elementary school 200 hours in their senior year. High school students “student teach” a minimum of 12 original lessons over four different grades from kindergarten to 4th.  | 4 Years - Administration met with elementary teachers and discussed if there was a need and desire to participate in this program. This is a volunteer basis for any teachers interested in participating.  |
| Pennsylvania Youth Education Association | This club does fund raising for local children’s charities including Relay for Life to support Pediatric Cancer Research; Pike County Autism Support Services, Box Top Collections, Cancer Hope Bags. | 10 Years – Administration gave approval for this club due to students’ interest. |
| Kids Play Today Daycare Center | This daycare center employs the career technical students.  | 2 years.  |

# **SUBMIT YOUR APPLICATION**

**SUBMIT YOUR APPLICATION**

* Fill out this application.
* Once you have finished, complete [this form](https://careertech.org/2018-excellence-action-application) and upload the following:
* Your full application saved as a Word document (.docx)
* All of your supplemental documents or evidence consolidated as one PDF document.

**THANK YOU!**

Thank you for completing this application! The selection committee will convene in December 2017 to review the applications and make final decisions. You will know the status of your application by January 25, 2018. The programs of study will be evaluated based on their effective leveraging of partnerships, alignment to rigorous and relevant college- and career-ready expectations, clear progression of knowledge and skills across secondary and postsecondary systems, integration of successful career guidance/advisement, and key indicators of student success.

Don’t forget to use the Excellence in Action award submission checklist to make sure you’ve completed your application in its entirety.

We look forward to learning more about your program!

For questions, concerns please contact awards@careertech.org.