

Virginia's Pathways to Teaching

August 2017

Career Pathways¹ Coherent Sequence (Concentration²) of State-Approved Courses

The Education and Training Career Cluster prepares high school students for teaching careers that serve individuals of all ages and across a range of content and specializations.

Plans of study include academic and career and technical content in a coordinated, non-duplicative progression of courses. It provides the opportunity for students to participate in dual or concurrent enrollment courses to acquire postsecondary education credits.

Students can earn industry-recognized credentials, licenses or certificates at the postsecondary level, or an associate or bachelor's degree.

State and federal funds are available to school divisions to assist with the cost of credentials for students (\$55-\$150 each).

Year 1 Course (Grade 9, 10)	Year 2 Course (Grade 11)	Year 3 Course (Grade 12)	Postsecondary (Grade 13, 14, 15, 16)
<p><i>Teaching Training for PreK-12</i></p> <p>Introduction to Virginia Teachers for Tomorrow (9061) 36 weeks</p>	<p>Virginia Teachers for Tomorrow I (9062) Work-Based Learning Dual Enrollment Credential: ParaPro, *Praxis</p>	<p>Virginia Teachers for Tomorrow II (9072) Work-Based Learning Dual Enrollment Credential: ParaPro, *Praxis</p>	<p>Virginia Community College or 4-year college/ university</p>
<p><i>Teaching Training for PreK-6</i></p> <p>Introduction to Early Childhood, Education, and Services (8234) 36 weeks</p>	<p>Early Childhood, Education, and Services I (8285) Work-Based Learning Dual Enrollment Credential: ParaPro, *Praxis</p>	<p>Early Childhood, Education, and Services II (8286) Work-Based Learning Dual Enrollment Credential: ParaPro, *Praxis</p>	<p>Virginia Community College or 4-year college/ university</p>

Work Based Learning (WBL) - field experience

*Praxis Core Academic Skills for Educators Tests: Reading (5712); Writing (5722); and Mathematics (5732)

Teacher Shortages in Virginia

The annual survey conducted by the Virginia Department of Education in 2015-2016 indicates critical teaching shortage areas are:

1. Special Education
2. Elementary Education PreK-6
3. Middle Education Grades 6-8
4. Career and Technical Education
5. Mathematics Grades 6-12
6. School Counselor PreK-12
7. Foreign Languages PreK-12
8. English (Secondary)
9. Health and Physical Education PreK-12
10. History and Social Science (Secondary)

¹Career Pathway —

A career pathway represents a common set of skills and knowledge, both academic and technical, necessary to pursue a full range of career opportunities ranging from entry level to management, including technical and professional careers.

²Concentration —

A "concentration" is a coherent sequence of state-approved courses in which the student earns the equivalent of two 36-week courses and related stackable industry-recognized credentials.

³CTE completer —

A "CTE completer" is a student who has met the requirements for a "concentration" of courses and all requirements for high school graduation or an approved alternative education program.



Education & Training Courses:

Introduction to Early Childhood, Education, and Services

(Course Code 8234/SCED Code 19153 - 36 weeks)

Grade Level: 9 or 10

Students explore careers related to the early childhood field; examine principles of child growth and development; learn about safe and healthy environments; engage in teaching and learning experiences for children; and gain an appreciation of diversity.

Early Childhood, Education, and Services I

(Course Code 8285/SCED Code 19153 - 36 weeks)

Grade Level: 11

Students prepare to be providers of early childhood education. They combine classroom instruction and supervised work-based learning experiences in the on-site laboratory, local daycare centers, or elementary schools.

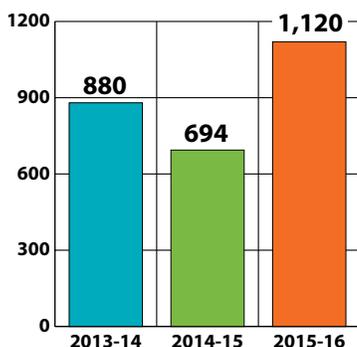
Early Childhood, Education, and Services II

(Course Code 8286/SCED Code 19153 - 36 weeks)

Grade Level: 12

Critical thinking, practical problem solving, and entrepreneurship opportunities are emphasized. Students combine their classroom instruction and supervised work-based learning experiences in the on-site laboratory, local daycare centers, elementary schools, or other institutions throughout the school year.

Total Number of Dual Enrollments



Introduction to Virginia Teachers for Tomorrow

(Course Code 9061 / SCED Code 19199 - 36 weeks)

Grade Level: 9 or 10

This exploratory course introduces students to careers in education. Students are taught to develop self-awareness, collaborate and communicate with peers, build positive learning environments, and examine learning differences of others.

Virginia Teachers for Tomorrow I

(Course Code 9062/SCED Code 19151 - 36 weeks)

Grade Level: 11

Virginia Teachers for Tomorrow (VTfT) fosters student interest, understanding, and appreciation of the teaching profession. Students build a foundation for

teaching; learn the history, structure and governance of teaching; apply professional teaching techniques during the field experience; and reflect on their teaching experiences.

Virginia Teachers for Tomorrow II

(Course Code 9072 / SCED Code 19151-36 weeks)

Grade Level: 12

Students continue to prepare for careers in education as they research postsecondary options, learn about the process of teacher certification in Virginia, and participate in a practicum experience.

NOTE: Students are provided leadership opportunities through the student organization, *Educators Rising*.

What trends do we currently see? What trends may we anticipate?

Selected Occupation	2015 Median Wage ¹	2022 Projected Employment ²	Predominant Education Level ³
Elementary School Teachers*	\$54,890	41,569	Bachelor's & certification
Teacher Assistants	\$24,900	33,286	Associate Degree
Secondary School Teachers	\$57,200	25,476	Bachelor's & certification
Middle School Teachers	\$55,860	19,066	Bachelor's & certification
Preschool Teachers	\$28,570	10,396	Bachelor's or more
Special Education Teachers, Secondary	\$55,780	4,159	Bachelor's & certification
CTE Teachers, Secondary	\$56,810	3,884	Bachelor's & certification
Adult Basic Education Teachers	\$54,400	3,376	Bachelor's & certification
Special Education Teachers, Middle	\$57,050	3,292	Bachelor's & certification

* Except Special Education and Career and Technical Education

Wage data: United States Bureau of Labor Statistics, May 2015 State Occupational Employment and Wage Estimates: Virginia.

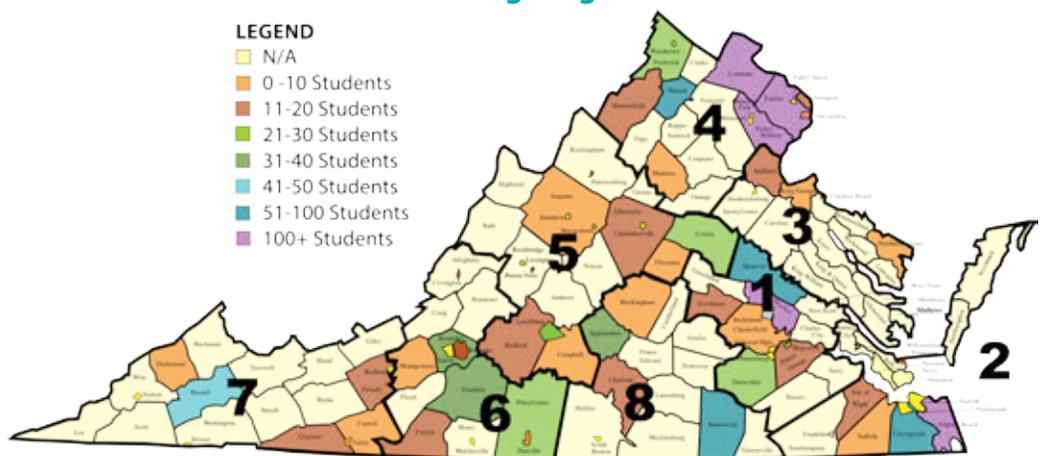
Employment projections data: Virginia Employment Commission, Virginia Occupational Employment Projections 2012-2022.

Predominant education level: Trailblazers through the Demographics and Workforce Section of the Weldon Cooper Center for Public Service at the University of Virginia.

2015-2016 Teaching Program Enrollments

LEGEND

- N/A
- 0 - 10 Students
- 11 - 20 Students
- 21 - 30 Students
- 31 - 40 Students
- 41 - 50 Students
- 51 - 100 Students
- 100+ Students



Program of Study	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8
Virginia Teachers for Tomorrow	293	386	56	695	130	165	102	125
Early Childhood, Education, and Services	465	991	175	1678	186	547	214	128
TOTAL	758	1,377	231	2,373	316	712	316	253