DEPARTMENT OF TEACHING AND LEARNING

Whitney S. Newcomb, Ph.D.
Professor and interim chair

The Department of Teaching and Learning is committed to excellence in the initial and continuing preparation of teachers for schools, government agencies, for-profit and nonprofit organizations, working with diverse groups; to modeling and encouraging critical reflection on practice; to collaborating and forming educational partnerships; to applying research and conducting scholarly endeavors that examine educational processes, issues and concerns; and to providing assistance and service to local, state, regional, national and international communities. Learn more by visiting the Department of Teaching and Learning webpage (https://soe.vcu.edu/about-us/departments/teaching-and-learning/).

• Early Childhood Education and Teaching, Bachelor of Science in Education (B.S.Ed.) (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/early-childhood-education-bsed/)
• Elementary Education and Teaching, Bachelor of Science in Education (B.S.Ed.) (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/elementary-education-bsed/)
• Health and Physical Education, Bachelor of Science in Education (B.S.Ed.) (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/health-physical-education-bsed/
• Secondary Education and Teaching, Bachelor of Science in Education (B.S.Ed.) with a concentration in engineering education (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/secondary-education-bsed-concentration-engineering/)
• Education, minor in (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/education-minor/)
• Health education, minor in (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/health-education-minor/)  
• Recreation and wellness, minor in (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/rec-wellness-minor/)
• Teaching English to speakers of other languages, minor in (http://bulletin.vcu.edu/undergraduate/education/teaching-learning/tesol-minor/)

TEDU 101. Introduction to Teaching. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Provides undergraduate students with an introduction to teaching and learning in elementary settings. Students will explore current educational reforms and their influences on elementary schools and students. Service-learning activities will enable students to gain firsthand experiences in urban elementary classrooms.

TEDU 102. Health Education as a Discipline. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course is designed to provide students with a basic understanding of health behavior theories, valid sources of information and tools for assessing school health needs. Community health issues and health advocacy are also examined.

TEDU 103. Lifetime Fitness, Wellness and Nutrition for the Health and Physical Educator. 3 Hours.
Semester course; 3 lecture hours (delivered hybrid or face-to-face). 3 credits. This course is designed to provide health and physical educators the foundational knowledge specific to concepts related to the health-and-skills-related components of fitness, functional fitness, energy balance and overall well-being. The course will provide an overview of the necessary skills needed to develop smart goals for personal fitness, nutrition and wellness.

TEDU 200. Motor Learning and Performance. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Students will be introduced to the major concepts of motor control and motor learning and influencing conditions. The course will provide a framework for understanding the structure and function of the nervous system in relation to perception and motor control. Other topics include the general nature of skill acquisition and how learners interact with the environment while performing motor tasks. The theoretical framework underlying learning and memory are related to the acquisition of motor skills.

TEDU 201. Assessment and Technology in Health and Physical Education. 2 Hours.
Semester course; 2 lecture hours. 2 credits. This course provides students with the theoretical foundation for assessment in health and physical education. Students will utilize multiple data sources, develop rubrics and analyze available technologies for assessment within each of the domains of K-12 health and physical education. Students will design lessons utilizing technology with the purpose of enhancing the curriculum.

TEDU 202. Health Education Content. 3 Hours.
Semester course; 3 lecture hours (delivered online, face-to-face or hybrid). 3 credits. This course focuses on health promotion and the prevention of injury and disease. Students will also examine healthy relationships as well as mental and emotional health.

TEDU 203. Focus on Choice. 1-3 Hours.
Semester course; variable hours. 1-3 credits. May be repeated for a maximum of 3 credits. A career planning experience for adults focusing on discontinuity in life patterns and a review of current educational and occupational opportunities. Consideration of the world of work, fields of education and volunteer service, and the development of one's own potential will be featured.

TEDU 204. Outdoor Education. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course is designed to examine the principal philosophical foundations of adventure theory and outdoor educational leadership. Concepts of judgment, decision-making, leadership and environmentally correct practices are introduced. Cooperative and team-building practices will be emphasized as a way to promote increased collaboration, communication, critical-thinking and creativity while in the health and physical education environment. Students will learn pedagogical skills needed to teach a number of outdoor education activities, including a variety of teaching styles, the development of lesson plans, assessment in the four domains of physical education and the use of basic class management skills.
TEDU 205. History and Philosophy of Health and Physical Education. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course has been designed to provide an overview of the professional aspects of health and physical education. Specifically, the course provides students with knowledge of the historical role of health and physical education; acquaints them with the different domains that fit under the “physical education” umbrella and within the health professions; informs them of opportunities present at VCU and in the greater community in the health and physical education fields; and provides information about the full spectrum of career choices in physical education and health. Students will also spend one hour a week in a public school setting.

TEDU 207. Urban Awareness and Urban Education. 3 Hours.
Semester course; 3 lecture hours (delivered in hybrid format). 3 credits. This course is designed to enhance students' knowledge of urban schools through the examination of historical, economic, political and socio-cultural frameworks that explore how issues of race, class, gender and immigration status have affected the distribution of equal educational opportunities in urban schools in the United States. Diversity in human experiences will be examined within urban cultures and educational settings. Students will engage with research and various literature about inequities in urban schools but also investigate the complexity and challenges of providing excellent education in urban school contexts. The research projects and class book discussions will provide an understanding of communities, their resources, demographics and economy in urban settings that affect education in various ways.

TEDU 210. Debunking Classroom Myths: How and Why Do We Learn Ideas Incorrectly?. 3 Hours.
Semester course; 3 lecture hours (delivered in hybrid format). 3 credits. Ever wonder why concepts are taught over and over and are still difficult to explain? This course explores misconceptions commonly learned in K-12 math, science, humanities and social sciences. Students will investigate these ideas through the lens of their own experiences and what is known about how people learn. This course builds understanding of best practices in learning through reading, discussion, reflection and presentation.

TEDU 211. Censored in School: Banned Books. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course explores books that have been censored or challenged in America’s public schools (mostly grades 6-12). Students will read censored books and learn how and why those books were targeted by people on the political right and the political left. By reading censored books and by studying efforts to remove these books from public schools, students will clarify their own views of censorship and learn about the politics of education in a democratic society.

TEDU 212. Creating Digital Art and Music Through Computer Coding. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course provides an introduction to design and creativity through the use of computers to create art and music. The goal of the course is to provide an introduction to creativity at the intersection of technology and the arts. The first half of the course focuses on digital art and the second half of the course focuses on digital music. Digital animations are woven throughout the course. During this course students will create original visual and musical artifacts through computer programming. This course is designed for novices in both music/art composition and computer programming. No previous computer programming experience is required.

TEDU 300. Adapted Physical Education. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course is designed to prepare future teachers and professionals to meet the needs of persons with disabilities in organized health, physical education and activity programs in the school and/or recreational and sport setting. It provides an overview of those disabilities found most frequently in public schools. The course will also help students become critically reflective learners.

TEDU 301. Biomechanics of Teaching Movement Skills. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Students will participate in learning experiences that will lead to the development of fundamental movement skills, i.e., manipulative, locomotor and nonlocomotor. Utilization of basic biomechanical principles will be infused in all topics.

TEDU 302. Elementary Methods of Physical Education. 2 Hours.
Semester course; 2 lecture hours. 2 credits. This course is designed to enhance student knowledge of and preparation for the teaching of elementary physical education through lecture, practical experience, small-group work and projects. Students will learn how to plan and conduct an elementary program, control the learning environment, effectively discipline children and analyze children’s behavior. Students will also learn the characteristics of a good teacher as well as methods to change personal teaching behaviors to increase classroom effectiveness. Students will design and conduct activities which integrate literacy with physical education. To become a more reflective teacher, students will write self-evaluations throughout the semester.

TEDU 303. Teaching Team and Individual Sports for Lifetime Fitness. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Students will develop educational skills and methodology for instruction of team and individual lifetime sports and activities in the gymnasium and outdoor settings. They will learn the pedagogical skills needed to teach these activities, including the use of a variety of teaching styles, the development of lesson plans, the assessment of student knowledge and skill acquisition, and the use of basic class management skills. These pedagogical skills will be applied within the realm of specific sports such as flag football, soccer, tchoukball, team handball, badminton, pickleball and golf.

TEDU 304. Secondary Methods of Physical Education. 2 Hours.
Semester course; 2 lecture hours. 2 credits. This course is designed to prepare students for student teaching. Students will learn pedagogical skills including the use of a variety of teaching styles, the development of lesson plans and unit plans, the assessment of student knowledge and skill acquisition, and the use of classroom management skills. In addition, students will gain insight into the development of a physical education curriculum as influenced by philosophies, models, issues and trends. Elementary, middle and high school levels are included in discussions. Students will also learn how to integrate literacy into the physical education curriculum. A major emphasis will be to prepare students as critical reflective practitioners by learning how to evaluate the teaching/learning situation and make appropriate changes. In that regard, students will learn how to design and analyze instruments that help them in this evaluation.

TEDU 305. Concepts of Peer Health Education. 3 Hours.
Semester course; 3 lecture hours (delivered online, face-to-face or hybrid). 3 credits. This course is designed to provide students with the theoretical and practical foundations to design, implement and evaluate best practice peer-to-peer education related to health and well-being. Students will learn and practice concepts such as active listening, responding to a crisis, and effectively delivering and evaluating peer-to-peer programming. This course also serves as required training for students interested in becoming a peer health educator with VCU’s Recreation and Well-Being department, RecWell.
TEDU 310. Elementary School Practicum A. 2 Hours.
Semester course; 2 lecture hours. 2 credits. Corequisites: TEDU 410, TEDU 413 and TEDU 426. Restricted to students admitted to the Extended Teacher Preparation Program. A field placement that precedes student teaching/internship. Includes planned observations, tutorials and small-group involvement. Graded pass/fail.

TEDU 311. Middle School Practicum. 2 Hours.
Semester course; 2 lecture hours. 2 credits. Corequisite: TEDU 537. Restricted to students admitted to the Extended Teacher Preparation Program. A field placement that precedes student teaching/internship. Includes planned observations, tutorials and small-group involvement. Graded pass/fail.

TEDU 312. High School Practicum. 1 Hour.
Semester course; 1 lecture hour. 1 credit. Pre- or corequisite: TEDU 311; corequisite: TEDU 540, 545, 547 or 548. Restricted to students admitted to the M.T. program with concentrations in secondary education. A field placement that precedes student teaching/internship. Includes planned observations, tutorials and small-group involvement. Course graded as pass/fail.

TEDU 313. Elementary School Practicum B. 2 Hours.
Semester course; 2 practicum hours. 2 credits. Prerequisite: TEDU 310. Corequisites: TEDU 517, TEDU 522 and TEDU 591. Enrollment is restricted to students admitted to the M.T. program with a concentration in early and elementary education. A field placement that precedes student teaching/internship. Includes planned observations, tutorials and small-group and whole class involvement. Graded as pass/fail.

TEDU 314. Practicum for Health and Physical Education. 2 Hours.
Semester course; 2 practicum hours. 2 credits. Prerequisites: TEDU 103 and TEDU 303. Enrollment is restricted to students admitted to teacher preparation in the B.S.Ed. in Health and Physical Education program or students enrolled in the minor in recreation and wellness. A field placement in health and physical education that precedes student teaching/internship. This field placement includes planned observations, tutorials and small-group and whole class involvement. Graded as pass/fail.

TEDU 320. ACE Prep Group Exercise. 3 Hours.
Semester course; 3 lecture hours (delivered face-to-face or hybrid). 3 credits. This course is designed to provide theoretical knowledge and practical skills in preparation for a national certification exam in group fitness instruction. Topics include guidelines for instructing safe, effective and purposeful exercise; essentials of the instructor-participant relationship; principles of motivation to encourage adherence in the group fitness setting; effective instructor-to-participant communication techniques; methods for enhancing group leadership; and the group fitness instructor’s professional role.

TEDU 321. ACE Prep Personal Training. 3 Hours.
Semester course; 3 lecture hours (delivered face-to-face or hybrid). 3 credits. This course is designed to give students the knowledge and understanding necessary to prepare for the ACE Personal Trainer Certification Exam and become effective personal trainers. This course presents a client-centered approach to personal training that features the ACE Integrated Fitness Training model as a comprehensive system for designing individualized programs based on each client’s unique health, fitness and performance goals and the ACE Mover Method philosophy for empowering clients to make behavioral changes to improve their health, fitness and overall quality of life. The information covered by this course can be directly applied in all settings by using the ACE ABC Approach to navigate all client interactions by asking powerful open-ended questions, breaking down barriers and collaborating on goals every step of the way. The ACE IFT model and ACE Mover Method philosophy will help students learn how to facilitate rapport, adherence, self-efficacy and behavior change in clients, as well as design exercise programs that help clients improve posture, movement, flexibility, balance, core function, cardiorespiratory fitness and muscular fitness.

TEDU 322. Learn to Swim. 1 Hour.
Semester course; 1 lecture hour. 1 credit. This class is designed to help participants gain basic aquatic skills and swimming strokes, including the front crawl, breaststroke and elementary backstroke. Participants also learn skills and concepts needed to stay safe around the water, in addition to those needed to help themselves or others in an aquatic emergency. Graded as pass/fail.

TEDU 323. Swimming for Fitness. 1 Hour.
Semester course; 1 lecture hour. 1 credit. This course is designed to improve participants’ proficiency in basic aquatic skills and six basic swimming strokes. This class will also work on refining participants’ strokes and turns and build endurance for fitness swimming. Participants also learn skills and concepts needed to stay safe around the water. Graded as pass/fail.

TEDU 324. ARC Lifeguard. 2 Hours.
Semester course; 2 lecture hours. 2 credits. Enrollment requires permission of the instructor. This course is designed to provide entry-level lifeguard participants with the knowledge and skills to prevent, recognize and respond to aquatic emergencies and to provide professional-level care for breathing and cardiac emergencies, injuries and sudden illnesses until emergency medical services personnel take over. Graded as pass/fail.

TEDU 325. ARC Water Safety Instructor. 2 Hours.
Semester course; 2 lecture hours. 2 credits. Enrollment requires permission of the instructor. This course is designed to train instructor candidates to teach courses and presentations in the American Red Cross Swimming and Water Safety Program by developing their understanding of how to use course materials, how to conduct training sessions and how to evaluate participants’ progress. Graded as pass/fail.

TEDU 326. Introduction to Mindfulness and Leading With Compassion. 2 Hours.
Semester course; 2 lecture hours (delivered face-to-face or hybrid). 2 credits. In this course, students will learn skills to lead compassionately through mindfulness and self-reflection. The first half of this course will focus on pedagogy related to mindful practice, as well as ways to lead through empathy, tough conversations and authenticity. The second half of the course will focus on facilitation, with students facilitating mindful practice for their peers each week. With this course completion, students will receive the title of mindful ambassadors with VCU’s Recreation and Well-Being department, RecWell, where they will be qualified to facilitate mindful exercises for partners on campus.
TEDU 381. Middle School Practicum for Engineering Education. 2 Hours. 
Semester course; 2 practicum hours. 2 credits. Corequisites: TEDU 382, 
TEDU 413 and TEDU 420. Enrollment is restricted to students in the 
B.S.Ed. in Secondary Education and Teaching with a concentration in 
engineering education program. A field placement that precedes student 
teaching/internship. Includes planned observations, tutorials and small-
group involvement. Graded as pass/fail.

TEDU 382. High School Practicum for Engineering Education. 1 Hour. 
Semester course; 1 practicum hour. 1 credit. Corequisites: TEDU 381, 
TEDU 413 and TEDU 420. Enrollment is restricted to students in the 
B.S.Ed. in Secondary Education and Teaching with a concentration in 
engineering education program. A field placement that precedes student 
teaching/internship. Includes planned observations, tutorials and small-
group involvement. Graded as pass/fail.

TEDU 385. Teaching Writing Through Children's Literature. 3 Hours. 
Semester course; 3 lecture hours (delivered online, face-to-face or hybrid). 
3 credits. This course will focus on the art of teaching writing through 
the use of quality children's literature. The course is designed to give 
students an appreciation of the value of children's literature, examine 
current trends and explore the use of literature across the genres as 
tools for developing readers and writers. In addition, students will learn 
to construct a successful community of writers in PK and elementary 
classrooms. Students will critically examine theory, techniques and 
strategies in the context of how children learn to think and write. A focus 
on pedagogical and rhetorical theory will include an examination of 
personal writing processes.

TEDU 386. Children's Literature I. 3 Hours. 
Semester course; 3 lecture hours (delivered online, face-to-face or hybrid). 
3 credits. This course is designed to give students an appreciation of 
the value of children's literature, present a look at current trends and 
provide a wide range of reading from different literary genres and diverse 
authors. The course will also explore the creative use of literature and its 
contribution to the development of oral and written expression in children 
from birth to grade 6. Throughout the course students will develop skills 
as educators who are critically reflective practitioners. Crosslisted as: 
ENGL 386.

TEDU 387. Literature for Adolescents. 3 Hours. 
Semester course; 3 lecture hours. 3 credits. Prerequisite: ENGL 201, 202, 
203, 204, 205, 206, 211, 215, 236, 291 or 295. Designed to acquaint 
the prospective middle and secondary school English teacher with the nature, 
scope and uses of adolescent literature. The student is acquainted 
with reading materials for meeting the varied needs and interests of 
adolescents.

TEDU 389. The Teaching of Writing Skills. 3 Hours. 
Semester course; 3 lecture hours. 3 credits. This course will focus on the 
art of teaching writing through a writer's workshop approach. The course 
will critically examine theory, techniques and strategies in the context of 
how students learn to think and write in k-12 classrooms. The class will 
also address issues of assessing and responding to student writing, and 
it includes extensive journal and essay writing with an examination of the 
student's own personal writing processes. Students will be encouraged to 
be critically reflective practitioners throughout the course. Crosslisted as: 
ENGL 389.

TEDU 390. Movement Education. 3 Hours. 
Semester course; 2 lecture and 2 laboratory hours (delivered online, face-
to-face or hybrid). 3 credits. Prerequisite: TEDU 101. This service-learning 
course will examine the physiological changes that occur in the brain as 
a result of moderate physical activity and the relationship to increased 
cognition. Students will also examine how to develop movement-based 
lessons to complement existing curricula across all content areas. 
Students enrolled in this course will receive a movement education 
certification upon completion of the course requirements.

TEDU 400. Independent Study. 1-6 Hours. 
Semester course; 1-6 hours. 1-6 credits. Opportunities are provided for 
supervised research and independent study in selected areas. Designed 
for advanced students. All work offered on an individual basis with the 
approval of instructor and departmental chair.

TEDU 402. Becoming a Health and Physical Education Professional. 1 Hour. 
Semester course; 1 lecture hour. 1 credit. This course is designed to 
prepare the teacher candidate to bridge from student to student teacher. 
Activities focus on professional experiences and behaviors.

TEDU 403. Teaching Health Education. 2 Hours. 
Semester course; 2 lecture hours. 2 credits. This course has been 
designed to prepare students to think critically and become independent 
problem-solvers and decision-makers by applying previously acquired 
professional knowledge to curriculum design and instruction in multiple 
settings. Students will learn pedagogical skills including the use of a 
variety of teaching styles, the development of lesson plans and unit 
plans, the assessment of student knowledge and skill acquisition, and 
the use of classroom management skills. Students will also gain insight 
into the development of a health education curriculum as influenced by 
philosophies, models, issues and trends. Elementary, middle and high 
school levels are included in discussion.

TEDU 405. Seminar for Student Teaching. 1 Hour. 
Semester course; 1 lecture hour. 1 credit. Corequisites: TEDU 493 and 
TEDU 495. This seminar is “attached” to the student teaching internship 
in the schools and is intended as a companion piece to that semester 
experience. Issues, including those which have been identified by 
members of the seminar, as well as issues that arise in the classroom and 
those that are of perennial concern to teachers of health and physical 
education are the basis for this class. The teacher as the critically 
reflective educator is the focus of this seminar: what choices the teacher 
has in the classroom and what effect those choices have upon student 
learning.

TEDU 410. Building a Community of Learners: Classroom Management. 3 Hours. 
Semester course; 3 lecture hours. 3 credits. Prerequisite: EDUS 301, 
PSYC 301 or PSYC 304 with a minimum grade of C. The course is 
designed to encompass pre-K through grade 12 classroom management 
theory and application, motivation theory and application, diversity, socio-
emotional development, trauma-informed care, and restorative justice 
for regular education and special education students. Crosslisted as: 
SEDP 410.
TEDU 411. Integrating the Arts in Curriculum for Young Children. 2 Hours.
Semester course; 2 lecture hours. 2 credits. Provides pre-service teachers
with an understanding of how experiences in visual art, music, drama
and movement can be used to support the growth and development
of children in pre-K through 5th grade. Students will learn of the
importance of all of the arts for children's cognitive, socio-emotional
and psychomotor development. Emphasis will be given to integrating
developmentally appropriate experiences in the arts into early childhood
curriculum.

TEDU 413. Curriculum Methods and Instructional Models. 3 Hours.
Semester course; 3 lecture hours (delivered online, face-to-face or
hybrid). 3 credits. Prerequisites: EDUS 202; and EDUS 301, PSYC 301 or
PSYC 304, both with a minimum grade of C. A study of developmentally
appropriate curriculum and instructional models for Pk-12 children.
The course includes the study of curriculum, a variety of instructional models,
Virginia Standards of Learning, Virginia's Foundation Blocks for Early
Learning, diversity, assessment, planning and creating positive learning
environments.

TEDU 414. Curriculum and Methods for Early/Elementary Children. 4 Hours.
Semester course; 4 lecture hours. 4 credits. Prerequisite: admission to
teacher preparation program. Corequisites: TEDU 310 (Practicum A) and
426. A study of developmentally appropriate curriculum and methods
for early/elementary children, including diversity, assessment, behavior
guidance and management, planning instruction and creating positive
learning environments. Includes an overview of the history of early/
early childhood education and issues currently facing the profession.

TEDU 416. Math/Science Methods for Early Childhood Education. 4 Hours.
Semester course; 3.5 hour lecture and .5 hours field experience hours.
4 credits. A combined math and science early and elementary methods
course that focuses on the teaching of mathematics and science
in a PK through 3rd grade class. The course is a lecture/ hands-on
course connected with a practicum experience in a local PK-3rd grade
classroom. This course is designed to teach pre-service teachers how
to plan, implement and assess strong student-centered mathematics
and science lessons in today's diverse classrooms. Activities and
assignments will focus on research-based practices, effectively using a variety of instructional strategies and hands-on experiences to help
students develop their understanding of abstract math and science
concepts. The class will help to position the pre-service teacher as a
reflective decision-maker.

TEDU 425. Emergent and Early Literacy. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course provides
an introduction to the theories, concepts, pedagogical approaches,
methods and materials used to promote early literacy acquisition and
development. Within the framework of the stages of literacy development,
students will develop competency in the components of emergent
literacy, including language development, phonological and phonemic
awareness, phonic, fluency, comprehension, vocabulary and writing.
Application of course content in preschool and early elementary
classrooms will encourage critical reflection on pedagogical approaches
as students meet the diverse language and learning needs of young
children ages birth to 8.

TEDU 426. Teaching Reading and Other Language Arts. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Presents teaching strategies
and materials in reading and the other language arts based on current
theory and research. Emphasizes the interrelatedness of listening,
speaking, reading and writing and the importance of naturalistic language
experiences.

TEDU 431. Early Childhood Education Practicum II. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Prerequisites: TEDU 413 and
TEDU 425. Enrollment is restricted to students enrolled in the B.S.Ed.
in Early Childhood Education and Teaching program. This practicum
experience provides an opportunity for students to observe, learn from
and interact with effective school-based educators and students in their
early childhood or classroom placement. This course allows VCU teacher
candidates opportunities to implement strategies and techniques that are
taught in their accompanying methods classes. Students will focus on
reflective practice and research-based teaching methods in the area of
reading and language arts content. Graded as pass/fail.

TEDU 420. Teaching Middle and High School Engineering. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Prerequisite: EDUS 301.
Enrollment is restricted to students admitted to teacher preparation or
by permission of instructor. Examines the teaching strategies, materials
and objectives of engineering education in middle and high schools.
Emphasizes the engineering processes, engineering design cycle,
integration of science and mathematics into engineering and use of
design challenges to engage students in real-world applications of
engineering.

TEDU 422. Early/Elementary Math Methods. 3 Hours.
Semester course; 2.5 lecture and .5 field experience hours. 3 credits.
Prerequisites: MATH 303, MATH 361 and MATH 362; and STAT 206,
STAT 208 or STAT 210. Corequisites: TEDU 417 and TEDU 496. An
early and elementary mathematics methods course that focuses on
the teaching of mathematics in the PK through 6th grade classroom.
The course is a lecture/ hands on course with 40 hours of in class
contact time and a 20 contact hour practicum experience in a local K-5
classroom. This course is designed to teach preservice teachers how to
plan, implement and assess strong student-based mathematics lessons
in today's diverse classrooms. Activities and assignments will focus
on research-based practices, effectively using a variety of instructional
strategies and using math manipulatives to help students discuss their
thinking. The class will help to position the preservice teacher as a
reflective decision-maker.

TEDU 430. Early Childhood Education Practicum I. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Corequisites: TEDU 413 and
TEDU 425. Enrollment is restricted to students enrolled in the B.S.Ed.
in Early Childhood Education and Teaching program. This practicum
experience provides an opportunity for students to observe, learn from
and interact with effective school-based educators and students in their
early childhood or classroom placement. This course allows VCU teacher
candidates opportunities to implement strategies and techniques that are
taught in their accompanying methods classes. Students will focus on
reflective practice and research-based teaching methods in the area of
reading and language arts content. Graded as pass/fail.

TEDU 417. Early/Elementary Science Methods. 3 Hours.
Semester course; 2.5 lecture and .5 field experience hours. 3 credits.
Prerequisite: TEDU 413. Corequisites: TEDU 422 and TEDU 496. An
undergraduate course designed to renew and/or expand teachers' knowledge and skills in the teaching of science in the elementary
classroom and the community. New materials will be examined
in the light of current trends, research findings and professional
recommendations.

TEDU 424. Understanding the Development of Language and Literacy. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course provides
an introduction to the processes and development of language
and literacy from birth to 8 years of age. Students will learn
about the role of language in cognitive development, and the
importance of all of the arts for children's cognitive, socio-emotional
and psychomotor development. Emphasis will be given to integrating
developmentally appropriate experiences in the arts into early childhood
curriculum.

TEDU 425. Emergent and Early Literacy. 3 Hours.
Semester course; 3 lecture hours. 3 credits. This course provides
an introduction to the theories, concepts, pedagogical approaches,
methods and materials used to promote early literacy acquisition and
development. Within the framework of the stages of literacy development,
students will develop competency in the components of emergent
literacy, including language development, phonological and phonemic
awareness, phonic, fluency, comprehension, vocabulary and writing.
Application of course content in preschool and early elementary
classrooms will encourage critical reflection on pedagogical approaches
as students meet the diverse language and learning needs of young
children ages birth to 8.

TEDU 426. Teaching Reading and Other Language Arts. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Presents teaching strategies
and materials in reading and the other language arts based on current
theory and research. Emphasizes the interrelatedness of listening,
speaking, reading and writing and the importance of naturalistic language
experiences.

TEDU 431. Early Childhood Education Practicum II. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Prerequisites: TEDU 413 and
TEDU 425. Enrollment is restricted to students enrolled in the B.S.Ed.
in Early Childhood Education and Teaching program. This practicum
experience provides an opportunity for students to observe, learn from
and interact with effective school-based educators and students in their
early childhood or classroom placement. This course allows VCU teacher
candidates opportunities to implement strategies and techniques that are
taught in their accompanying methods classes. Students will focus on
reflective practice and research-based teaching methods in the area of
reading and language arts content. Graded as pass/fail.

TEDU 431. Early Childhood Education Practicum II. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Prerequisites: TEDU 425 and
TEDU 430. Corequisite: TEDU 466. Enrollment is restricted to students
enrolled in the B.S.Ed. in Early Childhood Education and Teaching
program. This practicum studies reading problems by focusing on
reading diagnosis and intervention related to classroom settings.
The course involves evaluating and tutoring individual students with
reading difficulties. Emphasis is placed on making decisions based upon
students’ individual needs and critical reflection to improve instruction.
TEDU 432. Early Childhood Education Practicum III. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Prerequisite: TEDU 431.
Corequisites: TEDU 416 and TEDU 490. Enrollment is restricted to
students enrolled in the B.S.Ed. in Early Childhood Education
and Teaching program. A practicum that precedes student teaching/internship. Field work includes planned observations and teaching
activities and lessons to small groups and full classes. Graded as pass/fail.

TEDU 440. Elementary Education Practicum I. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Corequisites: TEDU 413 and
TEDU 426. Enrollment is restricted to students enrolled in the B.S.Ed. in
Elementary Education and Teaching program. This practicum provides
an opportunity for students to observe, learn from and interact with
effective school-based educators and students in their elementary
classroom placement. This course allows VCU teacher candidates
opportunities to implement strategies and techniques that are taught
in their accompanying methods classes. Students will focus on reflective
practice and research-based teaching methods in the area of reading and
language arts content. Graded as pass/fail.

TEDU 441. Elementary Education Practicum II. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Prerequisites: TEDU 426 and
TEDU 440. Corequisite: TEDU 466. Enrollment is restricted to
students enrolled in the B.S.Ed. in Elementary Education and Teaching
program. This practicum studies reading problems by focusing on
reading diagnosis and intervention related to classroom settings.
The course involves evaluating and tutoring individual students with
reading difficulties. Emphasis is placed on making decisions based upon
students' individual needs and critical reflection to improve instruction.

TEDU 442. Elementary Education Practicum III. 1 Hour.
Semester course; 1 practicum hour. 1 credit. Prerequisite: TEDU 441.
Corequisites: TEDU 422, TEDU 417 and TEDU 496. Enrollment is restricted to
students enrolled in the B.S.Ed. in Elementary Education and Teaching
program. A practicum that precedes student teaching/internship. Field
work includes planned observations and teaching activities and lessons
to small groups and full classes. Graded as pass/fail.

TEDU 452. Teaching English Language Learners. 2 Hours.
Semester course; 2 lecture hours. 2 credits. Prerequisite: TEDU 413.
This course is designed to help teachers who plan to teach English and
other content areas to PK-12 students who are speakers of other
languages. The course includes attention to social and cultural contexts,
the diversity of emergent bilingual students in the United States, legal
and policy contexts, models of ESL programs and advocacy for students.
Students will also also develop skills in lesson preparation and delivery
for emergent bilingual students within ESL classrooms as well as in other
content area classrooms.

TEDU 462. Internship I. 4 Hours.
Semester course; 4 lecture hours. 4 credits. Prerequisites: TEDU 312,
TEDU 410, TEDU 414 and TEDU 420. Corequisites: TEDU 464 and
TEDU 481. This internship serves as the teacher candidate's culminating
clinical experience. It provides students with an opportunity to
demonstrate what they have learned during their professional academic
preparation. It also serves as an opportunity for public school and VCU
personnel to evaluate and strengthen teacher candidates' application of
theory to practice in a secondary classroom.

TEDU 464. Internship II. 4 Hours.
Semester course; 4 lecture hours. 4 credits. Prerequisites: TEDU 312,
TEDU 410, TEDU 413 and TEDU 420. Corequisites: TEDU 462 and
TEDU 480. Enrollment is restricted to students who have received
passing scores on VCLA and Praxis II. This internship serves as the
teacher candidate's culminating clinical experience. Teacher candidates
complete a full-time placement that provides them with an opportunity to
demonstrate what they have learned during their professional academic
preparation. It also serves as an opportunity for public school and VCU
personnel to evaluate and strengthen teacher candidates’ application of
theory to practice in a secondary classroom.

TEDU 466. Literacy Assessment and Intervention in the Early/Elementary
Classroom. 3 Hours.
Semester course; 3 lecture hours. 3 credits. Prerequisite: TEDU 425 or
TEDU 426. Corequisite: TEDU 431 or TEDU 441. Students will examine
reading problems by focusing on reading diagnosis and intervention
related to classroom settings. Emphasis is placed on making decisions
based upon students' individual needs and critical reflection to improve
instruction. Throughout the semester, students will develop skills as an
educator who is a critically reflective practitioner using the VCU School
of Education conceptual framework as a guide. Students will apply skills
acquired in this course during a supervised practicum experience in the
corequisite course in which students will evaluate and tutor individual
students with reading difficulties.

TEDU 471. Internship I (PK-K). 4 Hours.
Semester course; 4 field experience hours. 4 credits. Prerequisites:
TEDU 416, TEDU 466 and TEDU 490. Corequisites: TEDU 475 and
TEDU 481. Enrollment is restricted to students who have completed
the student teaching approval process (including passing scores on
VCLA and Praxis II). This internship serves as the teacher candidate's
culminating clinical experience. It provides students with an opportunity
to demonstrate what they have learned during their professional
academic preparation. It also serves as an opportunity for public school
and VCU personnel to evaluate and strengthen teacher candidates’
application of theory to practice in an early childhood classroom setting.
Teacher candidates complete a full-time seven-to-eight-week placement
in a PK/K classroom and assume full responsibility for planning and
implementing instruction under the tutelage of a cooperating teacher for
a minimum of two weeks.

TEDU 472. Elementary Internship I (PK-2). 4 Hours.
Semester course; 4 field experience hours. 4 credits. Prerequisites:
TEDU 417, TEDU 422, TEDU 466 and TEDU 496. Corequisites: TEDU 474
and TEDU 481. Enrollment is restricted to students with passing scores
on VCLA and Praxis II. This internship serves as the teacher candidate’s
culminating clinical experience. It provides students with an opportunity
to demonstrate what they have learned during their professional
academic preparation. It also serves as an opportunity for public school
and VCU personnel to evaluate and strengthen teacher candidates’
application of theory to practice in an elementary classroom. Teacher
candidates complete a full-time seven-to-eight-week placement in a pre-
K/kindergarten to 2nd grade classroom.
TEDU 474. Elementary Internship II (Grades 3-5). 4 Hours. Semester course; 4 field experience hours. 4 credits. Prerequisites: TEDU 417, TEDU 422, TEDU 466 and TEDU 496. Corequisites: TEDU 472 and TEDU 481. This internship serves as the teacher candidate's culminating clinical experience. It provides students with an opportunity to demonstrate what they have learned during their professional academic preparation. In addition it serves as an opportunity for public school and VCU personnel to evaluate and strengthen teacher candidates' application of theory to practice in an elementary classroom. Teacher candidates complete a full-time seven-to-eight-week placement in a 3rd through 5th grade classroom. For this internship there is sometimes an option to be placed in a sixth grade classroom as well.

TEDU 475. Internship II (Grades 1-3). 4 Hours. Semester course; 4 field experience hours. 4 credits. Prerequisites: TEDU 416, TEDU 466 and TEDU 490. Corequisites: TEDU 471 and TEDU 481. Enrollment is restricted to students who have completed the student teaching approval process (including passing scores on VCLA and Praxis II). This internship serves as the teacher candidate's culminating clinical experience. It provides students with an opportunity to demonstrate what they have learned during their professional academic preparation. It also serves as an opportunity for public school and VCU personnel to evaluate and strengthen teacher candidates' application of theory to practice in an early childhood classroom setting. Teacher candidates complete a full-time seven-to-eight-week placement in a grade 1-3 classroom and assume full responsibility for planning and implementing instruction under the tutelage of a cooperating teacher for a minimum of two weeks.

TEDU 478. Internship I for Engineering Education. 4 Hours. Semester course; 4 field experience hours. 4 credits. Prerequisites: TEDU 382, TEDU 410, TEDU 413 and TEDU 420. Corequisites: TEDU 479 and TEDU 480. Enrollment is restricted to students who have received passing scores on the VCLA and Praxis II. This internship serves as the teacher candidate's culminating clinical experience. It provides students with an opportunity to demonstrate what they have learned during their professional academic preparation. It also serves as an opportunity for public school and VCU personnel to evaluate and strengthen teacher candidates' application of theory to practice in a secondary classroom.

TEDU 479. Internship II for Engineering Education. 4 Hours. Semester course; 4 field experience hours. 4 credits. Prerequisites: TEDU 382, TEDU 410, TEDU 413 and TEDU 420. Corequisites: TEDU 478 and TEDU 480. Enrollment is restricted to students who have received passing scores on the VCLA and Praxis II. This internship serves as the teacher candidate's culminating clinical experience. Teacher candidates complete a full-time placement that provides an opportunity to demonstrate what they have learned during their professional academic preparation. It also serves as an opportunity for public school and VCU personnel to evaluate and strengthen teacher candidates' application of theory to practice in a secondary classroom.

TEDU 480. Investigations and Trends in Teaching: Engineering. 3 Hours. Semester course; 3 lecture hours. 3 credits. Corequisites: TEDU 462 and TEDU 464. This course is a companion to the student internship in secondary education. Its major purposes are to cultivate the knowledge, dispositions and skills of a critically reflective practitioner into actual teaching practice. To do so, this class provides opportunities for interns to describe, analyze and evaluate the curricular, instructional and management decisions they make during their internship. The course also focuses on professionalism and ethical standards, as well as personal integrity in the teaching profession.

TEDU 481. Teaching as a Profession. 2 Hours. Semester course; 2 lecture hours (delivered online, face-to-face or hybrid). 2 credits. Prerequisite: TEDU 432 or TEDU 442. Corequisites: TEDU 472 and TEDU 474; or TEDU 471 and TEDU 475. This course is a companion piece to the student internship in elementary education. Its major purposes are to cultivate the knowledge, dispositions and skills of a critically reflective practitioner into actual teaching practice. To do so, this class provides opportunities for interns to describe, analyze and evaluate the curricular, instructional and management decisions they make during their internship. The course also focuses on professionalism and ethical standards, as well as personal integrity in the teaching profession.

TEDU 483. Second Language Acquisition: Concepts, Curriculum and Assessment. 3 Hours. Semester course; 3 lecture hours. 3 credits. This course is designed as an introduction to the processes of second language acquisition, with a focus on SLA theories and concepts and how they apply in classroom settings. The course addresses the application of SLA theories, principles and current research to the use of curriculum and assessment. In-depth analysis of readings will enhance the students' understanding of SLA and the research related to this field. Students examine videos of classroom teaching, analyzing the application of SLA theories utilized in various instructional settings.

TEDU 485. Direct Student Teaching I. 6 Hours. 6 credits. Prerequisites: admission to TEDU 310 or equivalent with a minimum grade of C, recommendation of practicum supervisor and passing score on the VCLA test. A classroom teaching experience in a public school or other approved setting, which includes opportunities for increasing involvement with children. Culminates in full responsibility for planning, implementing and evaluating classroom activities.

TEDU 486. Direct Student Teaching II. 6 Hours. 6 credits. Prerequisites: admission to TEDU 310 or equivalent with a grade of C or better and recommendation of practicum supervisor. A classroom teaching experience in a public school or other approved setting, which includes opportunities for increasing involvement with children. Culminates in full responsibility for planning, implementing and evaluating classroom activities.

TEDU 490. Social Studies Methods for Early Learners. 2 Hours. Semester course; 1.75 lecture and .25 field experience hours. 2 credits. This course's design is centered on helping the pre-service PK-3 early childhood/elementary teacher examine the purpose of social studies education, the connections between social studies and other curricular areas, and the persisting issues in social studies education, and to do it in an equitable way for all learners. The course will introduce students to an integrative reflective planning process and a variety of instructional strategies and materials. Its ultimate goal is to prepare students to understand the role of the teacher as a reflective decision-maker.

TEDU 493. Field Experience I. 4 Hours. Semester course; 4 field experience hours. 4 credits. Enrollment is restricted to students who have been admitted to teacher education and have passing scores on VCLA, Praxis I and Praxis II. An in-depth field experience in a public school, health education/health promotion agency or other approved setting. Students will complete a full-time seven-to-eight-week placement teaching in the PK-5 health and physical education setting. This practical experience will lead to greater practical application of skills culminating in full responsibility for planning, implementing and evaluating the classroom. Consult with adviser to obtain a course syllabus regarding prerequisites and specific course requirements. Fulfills capstone requirement.
TEDU 494. Topical Seminar in Education. 1-3 Hours.
Semester course; variable hours. 1-3 credits. May be repeated for a maximum of 6 credits. A seminar intended for group study by personnel interested in examining topics, issues or problems related to the teaching, learning and development of students.

TEDU 495. Field Experience II. 4 Hours.
Semester course; 4 field experience hours. 4 credits. Enrollment is restricted to students who have been admitted to teacher education and have passing scores on VCLA, Praxis I and Praxis II. Addresses competencies in health and physical education. Provides experiences at an approved affiliate site under the supervision of faculty and approved site supervisors. Students will gain practical experience by completing a full-time seven-to-eight-week placement teaching in grades 6-12 in a health and physical education setting.

TEDU 496. Early/Elementary Social Studies Methods. 3 Hours.
Semester course; 2.5 lecture and .5 field experience hours. 3 credits. Prerequisite: TEDU 413. Corequisites: TEDU 417 and TEDU 422. This course’s design is centered on helping the Pk-6 teacher examine the purpose of social studies education, the connections between the discipline of social studies and other curricular areas, and the persisting issues in social studies education in an equitable way for all learners. The course will introduce students to an integrative reflective planning process and a variety of instructional strategies and materials. Its ultimate goal is to prepare students to understand the role of the teacher as a reflective decision-maker.