School of Continuing Education

Web Site: http://www.odu.edu/cepd (http://www.odu.edu/cepd/)

Renee Felts, Assistant Vice President for Academic Initiatives & Continuing Education

The School of Continuing Education is focused on delivering practical, applied knowledge through its non-credit, and credit-bearing courses, certificates and certification preparatory classes. Staff in the School of Continuing Education interact with each of the academic colleges to utilize the existing courses in an interdisciplinary fashion, frequently at the request of the military, businesses and various industry sectors.

Mission

The School of Continuing Education will meet the evolving needs of our local, regional and global community via online and face-to-face offerings. We help students, professional and lifelong learners move ahead and stay ahead.

Vision

The School of Continuing Education will seek to add value to University programs by engaging with students, faculty, and alumni to help achieve their personal and professional goals.

Center for Professional Development

The primary mission of the Center for Professional Development (CPD) is to develop interdisciplinary certificate programs targeted for specific groups of professionals. The CPD will work across the ODU campus, including all academic colleges as well Distance Learning, in developing new multidisciplinary certificates.

Graduate Certificate in Homeland Security

The ODU School of Continuing Education and Professional Development, in concert with the ODU Graduate School, offers a Graduate Certificate in Homeland Security. Designed to familiarize individuals with today’s and tomorrow’s homeland security challenges, the certificate program provides a multi-disciplinary, educational foundation in a broad range of homeland security issues and fosters an environment for information interchange, cooperation, and collaboration across governmental, business, non-profit, academic, and military organizations.

The Homeland Security Graduate Certificate Program is designed to provide knowledge useful in the development and improvement of organizational processes related to avoiding, preparing for, managing and recovering from major security-related problems. The certificate allows students to draw courses from several colleges of the University to tailor a program particularly suited for their needs.

Designed for career professionals in many aspects of public service including law enforcement, port operations and emergency management, this certificate will serve those who wish to pursue a homeland security option as part of their professional development or as a step towards a Master’s Degree in Public Administration.

The Graduate Certificate in Homeland Security will be offered in face-to-face, online, and hybrid formats.

Admission Requirements

All degree-seeking applicants admitted to the certificate program must meet ODU requirements for graduate admission: an earned baccalaureate degree from a regionally-accredited institution or an equivalent degree from a foreign institution. Those whose native language is not English must submit a minimum score of 230 on the computer-based TOEFL or 80 on the TOEFL iBT.

Non-degree seeking students are required to have these same credentials, though documentation is not required. Ultimately, students must apply to the program in order to obtain the certificate.

Curriculum

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENMA 625</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 750</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Electives (Choose three of the following)</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 573 - Geographic Information Systems for Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>CYSE 600 - Cybersecurity Principles</td>
<td>3</td>
</tr>
<tr>
<td>CYSE 605 - Leadership and Management in Cybersecurity</td>
<td>3</td>
</tr>
<tr>
<td>PADM 712 - Emergency Management and Policy</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 724 - Risk Analysis</td>
<td>3</td>
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</tbody>
</table>

Total Hours 12

Graduate Certificate in Mission Analysis & Engineering

The graduate certificate in Mission Analysis and Engineering provides students and professionals with the necessary understanding to manage engineering and systems engineering activities such that mission supporting capabilities are achieved in even the most complex conditions. The program is designed to elevate understanding of the difficulties that are endemic to working with complex, socio-technical systems, or system of systems, in extremely transient and uncertain situations. It provides the student with the opportunity to hone planning, decision-making, and/or execution skills necessary to work transformational environments. It is recommended that students intending to take the certificate contact the certificate director to develop a plan of study that will most benefit the student’s goals.

Transferability of courses: The certificate is listed as a graduate certificate by the State Council for a higher Education in Virginia. The program offers "for-credit”, graduate-level, courses listed in the Old Dominion University Graduate Catalog. Courses taken for the certificate may be used towards graduate studies with approval of the student’s Advisor or Graduate Program Director. Non-degree seeking students completing the certificate may later apply the credit hours earned towards graduate degrees in engineering and other disciples with approval of the Graduate Program Director of the program to which the student has been admitted or is seeking admission.

Admission Requirements

All degree-seeking applicants admitted to the certificate program must meet ODU requirements for graduate admission: an earned baccalaureate degree from a regionally-accredited institution or an equivalent degree from a foreign institution in engineering or engineering technology is required. Those whose native language is not English must submit a minimum score of 230 on the computer based TOEFL or 80 on the TOEFL iBT. Non-degree seeking students are required to have these same credentials, though documentation is not required. Ultimately, students must apply to the certificate program in order to obtain the certificate.

Curriculum Requirements

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ENMA 650 - Mission Analysis and Engineering</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 750 - System of Systems Engineering</td>
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<table>
<thead>
<tr>
<th>Elective Courses</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ENMA 660 - Systems Architectures</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 715 - Systems Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 755 - Human System Engineering</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 777 - Complex System Governance</td>
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</tbody>
</table>

Total Hours 12
Graduate Certificate in Project Management

This certificate program addresses the demand from professionals seeking to enhance their project management leadership skills in a variety of technology-focused organizations. The certificate will include concepts, management tools, and processes designed for overseeing projects in the workplace. Several key areas in the certificate are agile project management, the systems approach to planning projects, project monitoring and control, project management evaluation, capital budgeting, and leadership for engineering managers. Graduates will gain skills and knowledge to oversee a wide variety of technology-focused projects in business and industry, military, government, and education. They will be able to oversee projects from launch to completion. They will manage capital budgets that are part of these projects, and apply agile approaches to their work.

Admission Requirements

All degree-seeking applicants admitted to the certificate program must meet ODU requirements for graduate admission: an earned baccalaureate degree from a regionally-accredited institution or an equivalent degree from a foreign institution. Those whose native language is not English must submit a minimum score of 230 on the computer-based TOEFL or 80 on the TOEFL iBT.

Non-degree seeking students are required to have these same credentials, though documentation is not required. Ultimately, students must apply to the program in order to obtain the certificate.

Curriculum

<table>
<thead>
<tr>
<th>Course</th>
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<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENMA 510</td>
<td>Agile Project Management</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 604</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 700</td>
<td>Economic Analysis of Capital Projects</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 780</td>
<td>Leadership for Engineering Managers</td>
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</tr>
<tr>
<td>Total Hours</td>
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<td>12</td>
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Graduate Certificate in Public Sector Leadership

This certificate program is interdisciplinary in nature and is focused on organizational leadership within non-profit, military, governmental, and other public sector entities. Leadership theories, best practices, and competencies are addressed for students enrolled in this program. Four key competency areas within the scope of leadership are presented to those employed or seeking employment in military and other public organizations: financial management, strategic management, contracting principles, and network security.

Members of the Armed Forces in Hampton Roads requested this program in order to provide officers with enhanced knowledge and understanding of leadership components pertinent to public sector work. Graduates will be prepared to lead teams in contract negotiations, finance, and strategic initiatives. In addition, they will have a strong understanding of cyber security within this arena. The courses are ones that will meet the needs of both military and other public sector organizations.

Admission Requirements

All applicants admitted to the certificate program must meet ODU requirements for graduate admission: an earned baccalaureate degree from a regionally-accredited institution or an equivalent degree from a foreign institution. Those whose native language is not English must submit a minimum score of 230 on the computer-based TOEFL or 80 on the TOEFL iBT.

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<tr>
<td>CYSE 600</td>
<td>Cybersecurity Principles</td>
<td>3</td>
</tr>
<tr>
<td>COMM 603</td>
<td>Social Change and Communication Systems</td>
<td>3</td>
</tr>
<tr>
<td>PADM 671</td>
<td>Public Budgeting and Financial Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 12

In addition to the four credit courses, the Graduate Certificate in Public Sector Leadership requires one non-credit course:

XCAA 1201: Public Sector Leadership Data Analytics Bootcamp (non-credit)- 1.5 CEUs (15 Contact Hours)- Data management and analysis for business decision making. Includes data validation, functions such as lookup, logical, math, text, and financial functions, pivot tables, data models. Emphasis on preparing descriptive, predictive, and prescriptive information to enhance effectiveness of management’s decisions. Power Pivot and the DAX language are used to extract meaningful information from large data sets. Includes both shorter term forecasting for sales and operations management.

Continuing Education Programs

Prior Learning Assessment

The Prior Learning Assessment unit offers students the opportunity to have their prior learning assessed and applied for academic credit. Visit www.odu.edu/priorlearning (https://www.odu.edu/academics/academic-records/evaluation-of-credit/prior-learning/) for more information.

Continuing Education Programs in Engineering

This unit offers certificates, workshops, courses and conferences. The courses are designed primarily for adult learners in content and logistics. Most courses are delivered in the late afternoon to early evening at a variety of locations and are delivered online. The courses are delivered in an open enrollment format (open to the general public) as well as in contract training settings. Many engineering disciplines are addressed including project management and systems engineering.

Continuing Education Programs in Health Sciences

Short courses, national conferences, workshops, refresher courses, certificate programs and seminars are offered by the different schools in the College of Health Sciences on and off campus on a noncredit continuing education (CEU) basis. Professional continuing education programs cover a wide range of topics, including environmental health, occupational safety, industrial hygiene, dental hygiene, dental assisting, nursing, nuclear medicine technology, health-care management, medical laboratory science, physical therapy, and community health.

Education serves the following functions:

- Licensure and certification for professionals and practitioners,
- Credential and degree achievement and
- Professional development to update knowledge and skills.

Clientele served by the programs include nursing, public health and allied health professionals, human service workers, managers and supervisory personnel, technicians, laboratory personnel, and health educators.

Executive Development Program

The mission of this unit is to provide businesses, organizations, and individuals with high quality professional development and continuing education programs in virtually all areas of business, management, and executive education. The unit offers public programs for individuals seeking professional certificate programs, preparation for certification exams, career advancement and career change. In addition, the unit develops and delivers custom programs and consulting services to meet specific organizational and employee development needs of businesses and organizations regionally, nationally and internationally.

Executive Certificate in Financial Planning

XEDC 1851 - FP1: Introduction to Financial Planning and Risk Management- Part One: Introduction to Financial Planning The first two sessions introduce financial planning. Instruction centers on the financial planning process and including gathering data from clients, analyzing data to determine needs, and compiling and presenting recommendations in a clear and concise manner. Part Two: Risk Management - Individual Financial Planning and Analysis
Insurance & Employee Benefits The remainder of this course focuses on risk management including life, health, disability, property, casualty, and liability. Since most risk can be transferred through insurance, the nature of insurance programs and policies, as well as specific coverage offered by various programs, will be covered along with the financial rating and operation of insurance companies.

XEDC 1852 - FP2: Income Management and Tax Planning-In this introduction to financial taxation concepts, emphasis will be placed on understanding the valuation process for alternative investment vehicles and the economic factors which affect their risk. Topics include the mechanics of present and future value analysis, real estate valuation, stocks, bonds, real estate, options, and futures. All of these are discussed within the context of developing portfolio strategies, which are consistent with the objectives of individual clients and their willingness and ability to undertake risk.

XEDC 1854 - FP4: Estate Planning-The primary objective of estate planning is to assist people in planning for the management of their assets and the passing of those assets to their intended beneficiaries in the most efficient and least costly manner. This course gives the foundations of estate planning, from basic concepts of joint ownership of property to complex planning with wills and trusts, including probate avoidance, federal estate and gift taxation, marital and charitable deduction planning, medical directives, and planning for second marriages. Students will be better equipped to counsel clients and understand the necessary estate planning documents.

XEDC 1855 - FP5: Retirement Plan and Employee Benefits-This course will cover specific provisions of qualified retirement plans including profit sharing, defined benefits, 401k plans, IRAs, and SEPs. Other employee benefit topics include Social Security, non-qualified deferred compensation, and income tax impact of employee benefits and retirement plans on both the employer and employee.

XEDC 1856 - FP6: Capstone Case Course- Case Study Required, Prerequisites are modules 1-5-The focus in the final course is on integrating information provided in the previous courses and beginning to apply what has been learned to practical situations through the use of case studies and other methods. This course culminates with each student completing a comprehensive financial plan for a client, the practice required for successful completion of the program.

SHRM Learning System

XEDC 1165 – SHRM Learning System- The SHRM Learning System for SHRM-CP and SHRM-SCP includes five modules covering the comprehensive SHRM Body of Competency and Knowledge™ (SHRM BoCK™) so you’ll learn everything you need for the SHRM-CP or SHRM-SCP exam. Study with learning modules that provide an in-depth exploration of the knowledge domains and behavioral competencies tested on the SHRM exams. SHRM Certified Professional (SHRM-CP®) and SHRM Senior Certified Professional (SHRM-SCP®) are the new standard for all HR professionals around the globe, as it is among the first HR certification that is focused on the practical, real-life information HR professionals need to excel in their careers today, including behavioral competencies, knowledge and skills.

XEDC 1164- SHRM Essentials- The perfect course for managers who need to know basic HR concepts BEFORE disciplinary action is required and HR has to get involved. This program provides a broad overview of the human resource function. Key topic areas include: Essentials of HR Management, Employment Law, Effective Recruitment, Basics of Compensation and Orienting and Training your employees.

Paralegal Certificate Program

XLCL 3010- Paralegal Certificate Program- This face-to-face offering is taught by an esteemed faculty of judges and attorneys. Students learn legal processes, court structure, interviewing, investigation, document preparation, file maintenance, correspondence, research, writing and analysis, as well as substantive topics of law, such as Tort Law, Contract Law and Civil Procedures. Students will be trained in online legal research with individual subscriptions to LexisNexis and Westlaw.

XLCL 3020- Paralegal Certificate Program, Self-Paced- The self-paced version of our Paralegal Certificate program is designed for students to study when convenient for them and can be done completely online. Students will be assigned their own attorney/judge liaison and learn legal processes, court structure, interviewing, investigation, document preparation, file maintenance, correspondence, research, writing and analysis, as well as substantive topics of law, such as Tort Law, Contract Law and Civil Procedures. Students will be trained in online legal research with individual subscriptions to LexisNexis and Westlaw.

Lean Six Sigma Certificates

XLSS 5010- Lean Six Sigma Green Belt Certification- This program focuses on managing quality projects utilizing the fundamentals of Lean and Six Sigma methodologies. Lean topics include the concepts of the elimination of waste and reduction of cycle time in organizational processes. Six Sigma principles consist of problem solving techniques, data collection and analysis, reduction of process variation, process capability and control, and continual improvement.

Digital Skills Bootcamps

Digital Skills Bootcamps provide students the ability to explore various career paths in the digital realm.

Cybersecurity Professional Bootcamp

XCYS 1010- Introduction to Cybersecurity- This course covers the basics of cyber technology, such as the most common operating systems in the field, computer networking communication, virtualization, and cloud environments. The course introduces students to the “Cyber Attack Cycle” and focuses on practical, hands-on exercises to develop the skills to run basic commands and computer communication protocols. At the end of the course, students complete an Admissions Exit Evaluation. Students who pass the exam and receive a positive evaluation from instructors will be eligible to continue to the full Cybersecurity Bootcamp.

XCYS 1020- Cybersecurity Professional Bootcamp, Extended Class- Students gain hands-on experience through cyber labs, which offer a full immersion in simulation environments and provide preparation for real-world scenarios. This intensive program is supported by constantly updating curriculum that remains relevant to industry developments and the evolving cybersecurity landscape. Topics covered include: Microsoft Security, Computer Networking, Cloud Security, Linux Security, Network Security, Cyber Infrastructure & Technology, Introduction to Python for Security, Offensive Security: Ethical Hacking, Digital Forensics & Incident Response, and Game Theory in Cybersecurity. Classes are taught by experienced professionals who contribute valuable insight on information security and cybersecurity and prepare students to pass top industry certifications.

Digital Marketing Professional Bootcamp

XDMG 1010- Introduction to Digital Marketing- This course gives students a taste of what life is like in digital marketing. Students learn industry terminology, how various advertising platforms work, and the basics of SEO, PPC, and social networks.

XDMG 1020- Digital Marketing Professional Bootcamp, Extended Class- With 380 hours of instruction, students learn about advanced marketing theory through guided virtual lessons, immersive digital simulations, and experiential training. Curriculum is based on years of research, best practices, and insight from industry professionals. The Digital Marketing Bootcamp coursework has 12 unique segments: Fundamentals of

**Software Engineering Bootcamp**

**XSW 1010- Introduction to Software Engineering** - This course provides you with a taste of the industry and serves as a chance to make sure software engineering is the right career for you. The course includes theory and practice of coding, as well as a short exam covering the fundamentals of the industry.

**XSW 2010- Software Engineering Bootcamp, Extended Class** - The Software Engineering Bootcamp aims to provide you with the knowledge base and practical experience you need to obtain a role in the software programming field. The curriculum integrates real-world projects and training exercises with software engineering theory to provide practical experiences, tools, and insights you need to succeed as a professional developer. You will attend lectures, take part in individual and group exercises, and gain access to virtual labs and real-world projects that teach you how to create user experiences through client- and server-side development best practices. The Software Engineering Bootcamp was designed for working professionals and offers flexible evening and weekend course schedules consisting of a total of 400 in-class hours.

**Data Science and Analytics Bootcamp**

**XDSA 1010- Introduction to Data Science and Analytics** - Over 30 hours, you will grasp an understanding of the data-driven business world as you gain exposure to different career paths and a variety of analytic tools. This course provides an accurate representation of the skills you will acquire and the projects you can hope to complete should you choose to pursue the full Data Science and Analytics program. You can look forward to finishing this course with at least three completed data projects, including topics in Excel, statistics, data analytics, data wrangling, SQL, scripting languages, machine learning, and artificial intelligence to jumpstart your professional portfolio.

**XDSA 2010- Data Science and Analytics Bootcamp, Extended Class** - This program aims to provide you with the knowledge base and practical experience you need to obtain a role in the data engineering field. The curriculum integrates real-world projects and training exercises in data storytelling, data analysis, and data science to provide the practical experiences, tools, and insights you need to succeed as a data professional. You will attend lectures, take part in individual and group exercises, and gain access to virtual labs and real-world projects that teach you how to use data to gain business insight while using data analytics and data science best practices. The Data Science and Analytics Bootcamp was designed for working professionals and offers flexible evening and weekend course schedules consisting of a total of 400 in-class hours.

**UI/UX Design Bootcamp**

**XUI 1010- Introduction to UI/UX Design** - This unique Introductory Course provides you with a taste of the design field and serves as a chance to ensure that it’s the right career path for you. You will learn the foundations of visual, UX, and UI design, including the different roles within the industry and what it takes to be a successful designer. You will begin learning industry-standard design tools and skills through demos and hands-on practice.

**XUI 2010- UI/UX Design Bootcamp, Extended Class** - The UI/UX Design Bootcamp is divided into three sections. The first section, Design Fundamentals, serves as an introduction to the field as a whole. The second section, Design Process, focuses on the process of creating optimal user interfaces and experiences. The third section, Design Collaboration, provides you with the experience of working collaboratively on design teams that mimic a professional workplace. Students will also learn to design physical and digital products using the Adobe Creative Suite, and basics of front end development with HTML and CSS.

**Education Programs and** Virginia Department of Education Alternative Route to Teacher Licensure (Career Switcher) Program (https://www.odu.edu/cepd/career-switcher/).

The purpose of this unit is to extend to the community special conferences, workshops, seminars, in-service training, and short courses. Drawing on the faculty of the academic colleges and experts in the field, programs are designed in areas such as leadership, counseling/interpersonal skills, learning and curriculum design, training and development, health education, and physical fitness. Clients consist of educators as well as professionals in business, industry, and public, private and governmental agencies. Programs are designed to help professionals increase and upgrade their development activities. Professional and personal development programs are awarded continuing education credit (CEUs).

**Career Switcher - An Alternative Route to Teacher Licensure Program**

Program Director: Lisa M. Temple
Assistant Director for Curriculum and Development: Pete Baker
Assistant Director for Student Support: Samantha Fabio

The Career Switcher program is certified by the Virginia Department of Education.

**PREREQUISITES**

The following requirements must be completed prior to applying to the Old Dominion University Career Switcher Program.

- An application process
- A baccalaureate degree from a regionally accredited college or university
- The completion of requirements for an endorsement in a teaching area or the equivalent through verifiable experience or academic study: [Refer to the Licensure Regulations for School Personnel on the following Web address: http://www.doe.virginia.gov/teaching/licensure/licensure_regs.pdf]
- At least three years of full-time work experience or its equivalent; and
- Virginia qualifying scores on the professional teacher’s assessments as prescribed by the Board of Education. Virginia Communication and Literacy Assessment (VCLA);
- (2) Praxis II (subject area test); and (3) Reading for Virginia Educators (RVE) (if applicable).

**APPLICATION PROCESS**

- Career Switcher Program Application
- Application Fee
- Assessment Exams
- Official Transcripts
- Letter of Intent
- Resume
- Child Abuse and Neglect Training
- First Aid, CPR and AED Training
- Dyslexia Training
- Pre-Assessment Questionnaire Form

**LEVEL I PREPARATION**

Intensive Level I preparation includes a minimum of 180 clock hours of instruction, including field experience. This phase includes, but is not limited to, curriculum and instruction (including instructional technology), reading in the content area, language acquisition, differentiation of instruction, classroom/behavior management, instructional design based on assessment data, human growth and development and other specific course work related to the Virginia Standards of Learning. Level I requirements must be completed during the course of a single year and may be offered through a variety of delivery systems, including distance learning programs. After completing Level I preparation, candidates may be awarded a one-year
Provisional Career Switcher License (July 1 to June 30 of given year). The Provisional Career Switcher License is active for the first year after the completion of the program requirements. During this time, candidates are expected to seek and obtain employment in a Virginia public school division or accredited nonpublic school in Virginia. If a candidate is unsuccessful in finding employment during the first year of the life of the Provisional Career Switcher License, the license may be extended annually for up to two additional years upon the recommendation of an employing school division or accredited nonpublic school. A Provisional Career Switcher license is limited to a total of three years.

**ELEMENTARY EDUCATION CURRICULUM**

Clock Hours: 302

The Elementary Education curriculum is comprised of the following courses: XPCL 5000, XPCL 5005, XPCL 5010, XPCL 5015, XPCL 5020, XPCL 5025, XPCL 5030, XPCL 5035, XPCL 5040, XPCL 5045, XPCL 5052, XPCL 5053, XPCL 5065, XPCL 5077, XPCL 5080, XPCL 5095, XPCL 6000, and XPCL 6005.

**MIDDLE EDUCATION CURRICULUM**

Clock Hours: 279

The Middle Education curriculum is comprised of the following courses: XPCL 5000, XPCL 5005, XPCL 5010, XPCL 5015, XPCL 5020, XPCL 5025, XPCL 5030, XPCL 5035, XPCL 5040, XPCL 5043, XPCL 5045, XPCL 5046, TLED 568, XPCL 5050, XPCL 5055, XPCL 5065, XPCL 5070, XPCL 5075, XPCL 5077, XPCL 5080, XPCL 5095, and XPCL 6000.

**SECONDARY EDUCATION/PREK-12 CURRICULUM**

Clock Hours: 234

The Secondary Education/PreK-12 curriculum is comprised of the following courses: XPCL 5000, XPCL 5005, XPCL 5010, XPCL 5015, XPCL 5020, XPCL 5025, XPCL 5030, XPCL 5035, XPCL 5040, XPCL 5043, XPCL 5045, XPCL 5046, XPCL 5050, XPCL 5055, XPCL 5065, XPCL 5070, XPCL 5075, XPCL 5077, XPCL 5080, XPCL 5095, and XPCL 6000.

**NONCREDIT COURSE DESCRIPTIONS**

**XPCL 5000. Foundations of Education. 7 Contact Hours Elementary/Middle/Secondary Education**

This course provides an overview of many issues that are central to the teaching profession including diversity and equity, philosophy’s role in education, instructional technology, legal issues associated with teachers’ and students’ rights and responsibilities, and administering the public education system in the US. In this course, candidates begin the development of their personal educational philosophies and engage in activities that prepare them for deeper, more focused learning in the Career Switcher Program’s subsequent modules.

**XPCL 5005. Curriculum and Instructional Procedures: Design for Effective Instruction. 35 Contact Hours Elementary/Middle/Secondary Education**

This is a course in generic lesson design which provides students with essential ways to design and deliver content that make efficient use of instructional time and current research while also maximizing instructional effectiveness. Emphasis is on efficient use of instructional time, lesson design, assessment tools and relevant and current research. A primary goal of the course is assisting students in their respective development of a holistic attitude toward their instruction that successfully integrates teaching practices to what is to be learned by their students. These generic teaching behaviors identified in the course competencies will be framed within a specific piece of content selected from a subject the student eventually wants to teach and applied through the actual development of classroom lesson plans.

**XPCL 5010. Curriculum and Instructional Procedures: Student Assessment. 7 Contact Hours Elementary/Middle/Secondary Education**

This course is designed to help with data driven instruction. It will differentiate between norm- and criterion references tests. The candidates will explore different test formats and the advantages of using a test blueprint and how to construct and score tests. In addition, the class will present the use of rubrics and portfolios in the classroom with ways to use them effectively.

**XPCL 5015. Curriculum and Instructional Procedures: Exploring the Curriculum Framework. 7 Contact Hours Elementary/Middle/Secondary Education**

Candidates will identify “essential” standards of a lesson and explore how to develop clear learning goals and objectives by using various state and national resources. Candidates will learn how to shift students’ focus from “answer getting” to problem solving and critical thinking by exposing students to a large variety of complex texts in ALL subject areas. Candidates will also connect the standard topics to the prior knowledge of students.

**XPCL 5020 Curriculum and Instructional Procedures: General Classroom Management. 14 Contact Hours. Elementary/Middle/Secondary Education**

This is a course in general classroom management that will develop the candidate’s philosophy of management and establish the candidate’s style. It will address the classroom environment, importance of procedures, communication and discipline and feelings of belonging for all students as well as preparing the climate for diverse strategies.

**XPCL 5025. Human Growth and Development: Fundamentals of Human Growth and Development. 7 contact hours Elementary/Middle/Secondary Education**

Candidates will learn theoretical concepts of Human Growth and Development to include the cognitive, social, emotional, physical, and moral domains and how these domains make up the total person. Additionally, they will learn how these factors influence the student’s ability to learn.

**XPCL 5030. Human Growth and Development: Student with Special Needs. 7 contact hours Elementary/Middle/Secondary Education**

The purpose of this module is to introduce Career Switcher participants to the fundamentals of providing quality instruction to students with diverse needs. The module will focus on legal issues surrounding special education, and will extend to strategies to provide an effective learning environment for all students.

**XPCL 5035. Curriculum and Instructional Procedures: Dealing Effectively with Parents, Students and School Culture. 7 contact hours Elementary/Middle/Secondary Education**

Candidates will become familiar with the influence of socio-economic status (SES) on a person’s worldview, especially as it applies to communicating with parents and students. They will learn effective communication strategies and become familiar with the professional expectations parents, students, faculty and administrators have of them. Additionally, they will clarify their expectations of the teaching profession along with typical expectations of their supervisors and colleagues.

**XPCL 5040. Curriculum and Instructional Procedures: Technology Standards for Instructional Personnel. 14 contact hours Elementary/Middle/Secondary Education**

The Technology Standards for Instructional Personnel course is required for teacher licensure in the state of Virginia and is essential to preparing pre-service teachers for the 21st century classroom. Candidates will learn strategies for effective technology integration and develop the skills associated with the Commonwealth of Virginia’s Technology Standards for Instructional Personnel. The course addresses the Technology Standards for Instructional Personal (TSIP) competencies and upon completion students should be able to pass or apply for exemption from their school district’s TSIP exam.

**XPCL 5043. Curriculum and Instructional Procedures (Classroom and Behavior Management): Secondary Classroom Management Techniques. 14 contact hours Middle and Secondary Education**

This course has 10 sections that are designed to lead the Career Switcher to be confident in their ability to create a positive classroom environment
that will facilitate academic success for all students. The 10 sections of this course (Discipline Plans; Procedures & Routines; Positive Learning Environment; Positive Relationships; Teacher Preparation; Student Responsibility; Classroom & Instructional Triggers; Pro Active Prevention; Dealing with Chronic Disruptions; How to Stay in Control when dealing with Classroom Management issues) will address professionally appropriate behavioral and management techniques, building an appropriate educational environment through classroom community and positive redirection of behavior as well as the development of social skills and self-discipline.

**XPCL 5045. Curriculum and Instructional Procedures: Differentiation of Instruction.** 7 contact hours Middle and Secondary Education

Candidates will learn strategies to deal effectively with at-risk students based on theoretical concepts. Additionally, they will learn the strategies to motivate students, strategies to engage them more in the learning process, and how to successfully cope with the stressors of dealing with challenging situations.

**XPCL 5046. Curriculum and Instructional Procedures: Writing to Learn Across the Curriculum.** 7 contact hours Middle and Secondary Education

This course reviews, evaluates, and promotes the concept that learning in all subjects can be more meaningful and enhanced by using writing and thinking strategies to better convey, comprehend and retain course content.

**XPCL 5049. Curriculum and Instructional Procedures: Reading Strategies.** 21 contact hours Elementary Education

This course is designed to provide information on balance reading instruction in grades PRE-K-6. Topics will include: language acquisition, phonemic awareness, word identification strategies, vocabulary development strategies, comprehension strategies, and reading-writing connections.

**TLED 568 Language Acquisition and Reading for Students with Diverse Learning Needs.** 3 semester hours Elementary and Middle Education (Online)

This course provides an overview of normal language development and language disorders which impact the acquisition of language-based curriculum skills such as listening, speaking, reading and written expression. Course content includes the theoretical framework and basic instructional practices and strategies associated with literacy instruction in an elementary classroom. Emphasis is placed on instructional techniques to assist individuals with disabilities achieve basic reading skills and advanced comprehension. Effective reading strategies and curricula for individuals with disabilities will also be reviewed. (Lecture 3 hours; 3 credits).

**XPCL 5050. Curriculum and Instructional Procedures: Teacher Questioning Skills.** 7 contact hours Middle and Secondary Education

This course focuses on the principles of the Socratic method and how teachers in the classroom can employ it. We’ll spend time discussing inquiry-based instruction and how it positively impacts student learning and engagement. We will examine and demonstrate the use of teacher created simulations and active participation activities to assist student learning. We will learn the positive impact of creating context before delivering information. Research suggests that an inquiry-based approach is the most effective way to engage students, motivate them, leading to constructive participation and retention of material.

**XPCL 5052. Curriculum and Instructional Procedures: Elementary Education Reading Methods.** 21 contact hours Elementary Education

This course is a methods course that focuses on the teaching and learning of reading. It will allow students the opportunity to apply knowledge gained in their Reading Strategies course work. It will consist of both theory and practice in which components of a comprehensive reading program are modeled, demonstrated, and experienced. Students in this course will participate in a variety of activities that will enhance their understanding of literacy teaching and learning with elementary students.

**XPCL 5053. Curriculum and Instructional Procedures: Independent Study.** 30 contact hours Elementary Education

This course is designed to enhance the pre-service teacher’s understanding of the emergent, beginning, transitional, and instructional readers in elementary grades and the implementation of practical strategies that will help early learners become successful readers. Pre-service teachers will have the opportunity to design and create learning opportunities for their prospective classroom.

**XPCL 5055. Curriculum and Instructional Procedures: Helping Students to Become Confident Readers.** 14 contact hours Middle and Secondary Education

Candidates will learn methods to identify students who are struggling readers in their content class and to design strategies and activities for content learning plans which differentiate to the reading instructional needs of these students.

**XPCL 5065. Curriculum and Instructional Procedures: Content Training.** 21 contact hours Elementary/Middle/Secondary Education

Education Candidates will learn specific training based on their endorsement area. These classes introduces unit planning, pacing, lesson planning, teaching strategies and classroom management. Discussions, lectures, demonstrations, and some role playing will be introduced.

**XPCL 5070. Curriculum and Instructional Procedures: Dealing with At-Risk Students.** 7 contact hours Middle and Secondary Education

Candidates will learn strategies to deal effectively with at-risk students based on theoretical concepts. Additionally, they will learn the strategies to motivate students, strategies to engage them more in the learning process, and how to successfully cope with the stressors of dealing with this challenging cohort.

**XPCL 5075. Curriculum and Instructional Procedures: Preparing an Effective Lesson Plan.** 7 contact hours Middle and Secondary Education

This module in generic lesson design review provides candidates essential ways to review the design, delivery, and assessment of Learning Plans. Emphasis is on efficient use of instructional time, lesson design, assessment tools and relevant and current research. A primary goal of the workshop is assisting students in their respective development of a holistic attitude toward their instruction that successfully integrates teaching practices to what is to be learned by their students. These generic teaching behaviors identified in the DEI course competencies will be framed, reviewed and critiqued within the content specific Learning Plans submitted. Results of the critiques will be shared with the authors of the learning plans.

**XPCL 5077 Curriculum and Instructional Procedures: The Management of Learning and Instruction.** 7 contact hours Elementary/Secondary Education

Classroom Management Techniques that will develop the candidate’s plan for the management of instruction by developing a specific Classroom Management Plan to fit the grade level and content of the teacher. Candidates will address the classroom environment, importance of procedures, communication and discipline.

**XPCL 5080. Curriculum and Instructional Procedures: Issues and Answers for New Teachers.** 7 contact hours Elementary/Middle/Secondary Education

Education Issues and Answers for New Teachers for Career Switchers is designed to support new teachers and facilitate the successful entry of transitioning/beginning teachers into the teaching profession by addressing topics that impact their day to day professional and teaching decisions.

**XPCL 5094. Catch’ Em Being Good: Using Positive Approaches to Improve Student Behavior.** 4 contact hours.

The participant will discuss in greater depth the development of a safe and effective learning environment for all students. Including:

1. Basic classroom management theories and strategies for individuals with exceptionalities.
2. Barriers to accessibility and acceptance of individuals with exceptionalities.
3. Adaptation of the physical environment to provide optimal learning opportunities for individuals with exceptionalities.
4. Create a safe, equitable, positive, and supportive learning environment in which diversities are valued.
5. Structure the educational environment to provide optimal learning opportunities for individuals with exceptionalities.
6. Evidence-based practices validated for specific characteristics of learners and settings.
7. Interventions and services for individuals who may be at risk for exceptionalities.

XPCL 5095. Practicum Observation. 30 contact hours Elementary/Middle/Secondary

Experiences in PK12 classrooms represent an important component within the Career Switcher Program and all high-quality teacher preparation programs. Required in-school observation offers participants the opportunity to make contacts in school districts while gaining knowledge about teacher responsibilities and instructional strategies. All Career Switcher candidates are required to complete a minimum of 30 practicum hours by reflecting on the Professional Study Requirements and how it correlates with the Career Switcher Program’s Enduring Understandings (i.e., VDOE’s Uniform Teacher Performance Standards).

XPCL 5096. How’s Your First Year Going? 4 contact hours

This workshop deals with issues that first-year teachers face or have encountered. This workshop is designed to support new teachers and facilitate the successful entry of transitioning beginning teachers into the teaching profession by addressing topics that impact their day to day professional and teaching decisions.

XPCL 5097. Communication Skills for Teachers. 4 contact hours

This workshop deals with the relationships and communication skills teachers need to develop with students, parents, administrators, and colleagues. This workshop will focus on appropriate and effective ways to communicate with parents, administrators, colleagues, and students, providing some guided practice. The session will include an analysis of stakeholders, a review of types of teacher communications, some positive techniques and strategies, and an evaluation of several real-world examples.

XPCL 5098. Data Driven Instruction for Student Achievement. 4 contact hours

Per the Virginia Department of Education, “Candidates will know about, create, and use appropriate and effective measurements in teaching that shall provide dependable information about student achievement. This course will discuss what evidence should be collected of candidates’ success in the first years of teaching and the candidates’ impact on student achievement.”

XPCL 5099. Culturally Responsive Practices. 4 contact hours

Culturally Responsive Practices is a recent pedagogic approach to address a variety of societal issues that affect the learning environment. Increasingly, students enter our classrooms with challenging life experiences and a diversity of home languages and cultures. Yet, the teaching profession is overwhelmingly white, English-speaking, and middle class. Few teachers are prepared to recognize bias and to guide students toward reflection and acceptance. By addressing differences, teachers can establish an inclusive learning environment for all students including English language learners and students who have survived trauma. In this hands-on workshop, teachers and teacher candidates will uncover their own hidden prejudices and gain strategies to create a safe and stimulating learning environment while preparing students for success in a global economy.

XPCL 6000. Curriculum and Instructional Procedures: Lesson Plan Presentation. 1 contact hour Elementary/Middle/Secondary Education

All Career Switcher candidates are required to present a 1 hour lesson plan. The lesson plan will be assessed by instructor’s and peers.
application in this seminar. This interactive session will highlight the poverty research by Dr. Ruby Payne.

**XPCL 5090. The Teacher as a Professional: Communicating with Stakeholders. 4 contact hours**

Participants will become familiar with the issues and standards related to professionalism and teacher evaluation. The participants will become familiar with The Virginia Standards for the Professional Practice of Teachers (VSPPT) and discuss expectations for teacher conduct within and without the classroom. Concrete strategies and tools for interaction with students, parents, administrators, and colleagues will be provided. Participants will engage in role-play to appreciate their responsibility in building supportive relationships with their students and their families. In addition, Assessment of, and for, Student Learning will be addressed, as grading is the primary mode of communication with parents, particularly at the secondary level.

**XPCL 5091. Parents: A User’s Guide. 4 contact hours**

This workshop will deal with the relationship teachers need to develop with parents, outline concerns from a parent's perspective, from a school's perspective, and develop responses to those concerns. This workshop will employ teaching strategies embedded into the PowerPoint, therefore providing practical application to the content (Communication with Parents). The agenda will include overviews and strategies, definition of stakeholders, analysis of the types of teacher-parent communication, presentation of positive techniques and strategies, and the review, evaluation, and practical use of authentic case studies.

**XPCL 5093. Diversity in the Classroom. 4 contact hours**

Participants will define diversity and identify what constitutes diversity in the classroom. Students will discern personal subjectivities and examine how those subjectivities affect student populations in the classroom. Students will understand the microsystem, exosystem, and macrosystem that influences the development of individuals through Bronfenbrenner’s Ecological Model. Students will engage with culture, language, and socioeconomic status to gain a deeper understanding of the backgrounds students come with to school.