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 disciplines with approval of the Graduate Program Director of the program to which the student has been admitted or is seeking admission.

The certificate may be customized to specific domains such as the U.S. Navy or Department of Defense when offered through the College of Continuing Education and Professional Development. Students or organizations should contact the College of Continuing Education and Professional Development for additional details.

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 Course</th>
<th>Mission Analysis and Engineering</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENMA 650</td>
<td>Systems Architecture and Modeling</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 660</td>
<td>Systemic Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>ENMA 670</td>
<td>Systems Analysis</td>
<td>3</td>
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<tr>
<td>ENMA 750</td>
<td>System of Systems Engineering</td>
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Electives

<table>
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<tr>
<th>Elective</th>
<th>Description</th>
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<tbody>
<tr>
<td>ENMA 670</td>
<td>Cyber Systems Engineering</td>
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<tr>
<td>PORT 615</td>
<td>Maritime Security and Risk Analysis</td>
</tr>
<tr>
<td>CYSE 600</td>
<td>Cybersecurity Principles</td>
</tr>
<tr>
<td>CYSE 605</td>
<td>Leadership and Management in Cybersecurity</td>
</tr>
<tr>
<td>IS 702</td>
<td>Approaches to Collective Security</td>
</tr>
<tr>
<td>IS 720</td>
<td>Research Seminar in Global Security</td>
</tr>
<tr>
<td>IT 685</td>
<td>Introduction to Information Security</td>
</tr>
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</table>
ENMA 755  Human System Engineering  3
Capstone Course
ENMA 605  Program Capstone (Required)*  1

Total Hours  19

*  Instructor approval required. Pre- or co-requisite: ENMA 650.

**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 Code</th>
<th>Course Title</th>
<th>Hours</th>
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<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>
<td>3</td>
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</table>

Total Hours: 12

**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.

**Curriculum**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 603</td>
<td>Social Change and Communication Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 562</td>
<td>Cybersecurity Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>PADM 671</td>
<td>Public Budgeting and Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>PPCM 726</td>
<td>Introduction to Public Procurement</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 12

**Continuing Education Programs**

**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.

**Education Programs and Career Switchers Program.** 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).

**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.

**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 technology, physical therapy, and community health.

Continuing 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.

**Career Switcher 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.

School of Continuing Education 2
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 nonprofit 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 nonprofit 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 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, TLED 568, 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.
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.

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 extend to strategies to provide an effective learning environment for all students.

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.

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 Personnel (TSIP) competencies and upon completion students should be able to pass or apply for exemption from their school district’s TSIP exam.

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 Classroom and Instructional Management issues. 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).

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.

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.

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.

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.

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).

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.

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.

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 context 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/Middle/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 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 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 Understanding (i.e., VDOE’s Uniform Teacher Performance Standards).

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

All Career Switcher candidates all required to present a 1 hour lesson plan. The lesson plan will be assessed by instructor’s and peers.

**XPCL 6005 Elementary Education Classroom Management.** 14 contact hours

Students will formulate a personal philosophy of classroom management, examine effective techniques for arranging the classroom, formulating classroom rules, identifying and teaching classroom procedures and routines. This course will also prepare prospective teachers with respected philosophies and approaches that deal with appropriate social behaviors and classroom management systems, and provide strategies and suggestions that will enable them to be successful and confident while compare the beliefs and strategies of selected theorists that relate to effective classroom management (i.e., Skinner, Gordon and Dreikurs).

**LEVEL II PREPARATION**

Preparation begins during the first year of employment. Career Switchers attend a minimum of five seminars to expand the intensive preparation requirements associated with instructional topics. The five seminars award a minimum of 20 cumulative instructional hours and feature various instructional techniques. During Level II, a school mentor is assigned to assist the candidate throughout their first year of employment.

**XPCL 5085. Behavior Management.** 4 contact hours

Candidates will acquire strategies to help prevent behavior problems, identify actions that need to be taken when behavior problems occur, and learn how to effectively help students resolve problems in the classroom.

**XPCL 5086. Empowering Teachers who serve English as a Language Learners (ESL).** 4 contact hours

The ESL workshop is designed to give new teachers some basic information about who the ESL students are. The workshop is mandatory because at some point of the participants teaching experience they will have ELL students in their classroom. The participants will learn how the ESL students make it into the classroom. Participants will also get some teaching strategies useful when differentiating their instruction for English Language Learners. The goals of the workshops are to identify how these ESL students are enrolled, Demonstrate and create awareness about ESL students various Linguistic Proficiency level and what that means to the classroom teacher. Participants will become familiar with ESL Assessment like the WAPT and annual ACCESS for ESL students. Participants will learn about culture and multicultural in the classroom and how to use this knowledge when planning instruction. Finally, participants will develop awareness about LEP students SOL accommodations and how these accommodations impact ESL students with Special Education needs.

**XPCL 5087 School Law: Basics for Teachers.** 4 contact hours

Participants will be introduced to legal concepts related to their employment as teachers including their duties to students, education malpractice, employment rights, and constitutional rights such as free speech, free exercise of religion, and the right to be free from discrimination and harassment in the workplace. In groups, participants will grapple with real-life scenarios and discuss court decisions and school division policies. Professionalism, especially with regard to social media, will be emphasized.

**XPCL 5088. Strategies for Success in the Classroom.** 4 contact hours

Candidates will acquire practical strategies that they will be able to use with their students. This workshop includes instructional, vocabulary, memory, and review activities that can be used with any student, including slow learners and special education students.

**XPCL 5089. Poverty: Students Achievement for Rural Urban Learners.** 4 contact hours

Candidates will learn strategies to promote students’ academic success effectively with urban and rural learners in poverty based on theoretical concepts. Additionally, they will gain insights regarding the impact of poverty for schools, leaders, teachers and students. The participants will engage in a variety of experiences for adult learners to increase the teachers’ awareness of poverty and educators’ roles to address student scholastic achievement in school. The workshop will explore through the use of this PowerPoint presentation as guidance document to support practical 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.