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## SUMMER 2009 CREDIT COURSE LISTINGS

Classes listed alphabetically by department

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- [CE 501 OP01](#) – Clay as Canvas and More! A Creative Approach to Ceramics
- [CE 501 OP02](#) – Teaching for Multiple Intelligences (PBS TeacherLine)
- [CE 501 OP03](#) – Math in Everyday Live for Grades K-5 (PBS TeacherLine)
- [CE 501 OP04](#) – Facilitating Oral Language Development PreK-3 (PBS TeacherLine)
- [CE 501 OP05](#) – Using the Computer for Personal Productivity (PBS TeacherLine)
- [CE 501 OP06](#) – Creating Units to Support Different Learning Styles (PBS TeacherLine)
- [CE 501 OP07](#) – Connecting Family, Community and Schools (PBS TeacherLine)
- [CE 501 OP08](#) - Evaluating and Organizing Internet Resources and Content (PBS TeacherLine)
- CE 501 OP09 - Using Assessment and Evaluation (PBS Teacherline)
- CE 501 OP10 – Math in Everyday Life (PBS Teacherline)
- CE501 OP11 – Teaching Reading in the Content Areas (PBS Teacherline)
- CE501 OP12 – Putting Technology to Use in the Classroom: Where to Start (PBS TeacherLine)
- [CSD 500 OP01](#) – Introduction to Research in CSD
- [CSD 604 OP01](#) – Neuroanatomy & Neurophysiology of Speech & Language
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[EXED 660 OP01](#) – Curriculum Design in Gifted Education  
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[GHIST 225 OP01](#) - U.S. History (for ADP Students)  
[GPSYC 160 OP01](#) – Life Span Human Development (Independent Study)  
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[GSCI 165 OP01](#) – How Life Works  
[HIST 501 OP01](#) – We the People: The Citizen and the Constitution  
[IS 202 OP01](#) – Orientation to Career & Life Planning  
[ISAT 501 OP01](#) – Children’s Engineering (Independent Study)  
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[KIN 490 OP01](#) – ASEP Coaching Certification (Undergraduate Level – 2<sup>nd</sup> Four Weeks)  
[KIN 490 OP02](#) – ASEP Coaching Certification (Undergraduate Level – 1<sup>st</sup> Four Weeks)  
[KIN 501 OP01](#) – ASEP Coaching Certification (Graduate Level – 2<sup>nd</sup> Four Weeks)  
[KIN 501 OP02](#) – ASEP Coaching Certification (Graduate Level – 1<sup>st</sup> Four Weeks)  
[MUED 598 OP01](#) – Music and Special Learners  
[POSC 505 OP01](#) – We the People  
[PUAD 571 OP01](#) – Public Financial Management  
[PUAD 662 OP01](#) – Governance & Nonprofit Organizations  
[READ 588 OP01](#) – Writing Instruction  
[READ 590 OP01](#) – Literacy Across the Curriculum  
[READ 602 OP01](#) – Word Knowledge: Phonics, Spelling, & Vocabulary  
[SCOM 231 OP01](#) – Introduction to Alternative Dispute Resolution  
[VOED 383 OP01](#) – Curriculum and Instruction (DCE)

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## **SUMMER 2009 CREDIT COURSE DESCRIPTIONS**

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### **CE 501 OP01 – Clay as Canvas and More! A Creative Approach to Ceramics**

**Course Description:** Participants will be introduced to the ceramic basics: wheel throwing, hand building and a variety of techniques for the surface decoration of clay. Designed to give the classroom art teacher creative, affordable and contemporary approaches to dealing with a traditional craft, the class will meet the needs of art educators K-12.

**Instructor:** Lynn Hilton Conyers

**Credit Hours:**3

**Schedule:** June 15, 2009 – June 26, 2009 (Monday – Friday, 9:00am – 5:00pm)

**Location:** Art Studio, Lyndhurst VA

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**CE 501 OP02 – Teaching for Multiple Intelligences (PBS TeacherLine)**

**Course Description:** Discover the advantages of teaching methods that engage multiple intelligences and explore ways to implement them. You will also learn to teach and assess students differently based on their individual intellectual styles.

**Instructor:** Jim Shaeffer

**Credit Hours:**2

**Schedule:** June 15 – July 26, 2009

**Location:** Online

➤ **PBS TeacherLine course number: INST 315.53**

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**CE 501 OP03 – Math in Everyday Life for Grades K-5 (PBS TeacherLine)**

**Course Description:** Make mathematics “real” for your young students with a fresh look at problem solving, calculators, and the Internet in the classroom. Review the National Council of Teachers of Mathematics (NCTM) Calculator-Usage and Problem-Solving Standards for a framework to design lesson plans, address content, and meet state standards. Then, develop a “walking field trip” through tasks found in students’ daily lives.

**Instructor:** Jim Shaeffer

**Credit Hours:**1

**Schedule:** June 15 – July 26, 2009

**Location:** Online

➤ **PBS TeacherLine course number: MATH 181.47**

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**CE 501 OP04 – Facilitating Oral Language Development PreK-3 (PBS TeacherLine)**

**Course Description:** Blending both theoretical and practical information about oral language development for students Prek-3, this course will introduce you to proven ways to assess students' oral language skills and will give you the opportunity to practice strategies for teaching vocabulary to young students. The course also covers tactics for differentiating instruction to meet the needs of diverse students. Discover PBS resources, such as Arthur, that you can encourage parents to use to expand their children's vocabulary. Coursework includes learning to set standards-based goals for integrating solid oral language practices into your classroom.

**Instructor:** Jim Shaeffer

**Credit Hours:**2

**Schedule:** June 15 – July 26, 2009

**Location:** Online

➤ **PBS TeacherLine course number: RDLA 200.35**

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**CE 501 OP05 – Using the Computer for Personal Productivity (PBS TeacherLine)**

**Course Description:** Squeeze more time out of your day by tapping the power of technology to create teaching materials and assessments; communicate with colleagues, parents, and students; improve lesson planning; and manage information. Explore areas where the computer can increase personal productivity. Then develop and implement a personal productivity plan that makes the best use of your time and resources.

**Instructor:** Jim Shaeffer

**Credit Hours:**2

**Schedule:** June 15 – July 26, 2009

**Location:** Online

➤ **PBS TeacherLine course number: TECH 300.100**

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**CE 501 OP06 – Creating Units to Support Different Learning Styles (TeacherLine)**

**Course Description:** Unlock the secrets to developing a curriculum that meets the learning needs of different types of students. Create a cross-curricular unit that integrates technology to support learning, and plan lessons that address the different ways that your students learn. Activities will help you build flexibility into your lesson plans, enabling you to integrate your new knowledge into your instruction.

**Instructor:** Jim Shaeffer

**Credit Hours:**2

**Schedule:** June 22 – August 2, 2009

**Location:** Online

➤ **PBS TeacherLine course number: INST 120.169**

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**CE 501 OP07 – Connecting Family, Community and Schools (PBS TeacherLine)**

**Course Description:** Learn the Action Team for Partnership (ATP) model and discover how to engage families and communities in children’s education. Examine the “connection” issues, acquire tools to integrate partnership programming into your curriculum, and develop a plan that involves parents, family members, and community resources in your own classroom.

**Instructor:** Jim Shaeffer

**Credit Hours:**2

**Schedule:** June 22- August 2, 2009

**Location:** Online

➤ **PBS TeacherLine course number: INST 320.76**

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**CE 501 OP08 – Evaluating and Organizing Internet Resources and Content (PBS Teacherline)**

**Course Description:** Build the knowledge, skills, and insight to research, evaluate, and organize online classroom resources successfully. Explore the different types of material available online and the methods to evaluate them. Discuss some of the social and ethical issues posed by the Internet. Practice identifying appropriate online resources that support data-driven, problem-solving lesson plans. In your final assignment, gather, organize and critically evaluate the content of several similar Web sites.

**Instructor:** Jim Shaeffer

**Credit Hours:**2

**Schedule:** June 22 – August 2, 2009

**Location:** Online

➤ **PBS TeacherLine course number: TECH 340.60**

**CE 501 OP09 – Using Assessment and Evaluation (PBS Teacherline)**

**Course Description:** Delve into the full array of assessment and evaluation tools, including rubrics, journals, formal and informal assessments, and portfolios. Then, create an effective rubric based on an existing student assignment.

**Instructor:** Jim Shaeffer

**Credit Hours:** 2

**Schedule:** June 29-August 9, 2009

**Location:** Online

➤ **PBS TeacherLine course number: INST325.73**

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**CE 501 OP10 – Math in Everyday Life for Grades 6-8 (PBS TeacherLine)**

**Course Description:** Math is all around us and you can energize middle school math instruction with real-world challenges. Examine the importance of problem-solving skills, calculators, and the Internet in the classroom while addressing national math standards.

**Instructor:** Jim Shaeffer

**Credit Hours:** 2

**Schedule:** June 29-August 9, 2009

**Location:** Online

➤ **PBS TeacherLine course number: MATH186.21**

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**CE501 OP11 – Teaching Reading in the Content Areas (PBS TeacherLine)**

**Course Description:** You can master new strategies to address students' needs in various grade levels. From exploring environments that promote effective learning to examining the skills students need to read content material successfully, this course will introduce you to essential techniques that support more independent reading and learning. You'll identify opportunities for your students to access prior knowledge, set a purpose or target for reading, organize and summarize ideas, take notes, and reflect on their discoveries with satisfaction.

**Instructor:** Jim Shaeffer

**Schedule:** June 29-August 9, 2009

**Location:** Online

➤ **PBS TeacherLine course number: READ340.171**

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**CE501 OP12 – Putting Technology to Use in the Classroom (PBS TeacherLine)**

**Course Description:** Gain a better understanding of key issues surrounding technology integration, such as how to meet technology standards and choose the most suitable technology for a specific purpose. Identify lessons or concepts in your classroom that may benefit from technological enhancement. Learn to devise a strategy for integrating technology into your lesson plans.

**Instructor:** Jim Shaeffer

**Schedule:** June 29-August 9, 2009

**Location:** Online

- **PBS TeacherLine course number: TECH160.173**

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### **CSD 500 OP01 – Introduction to Research in CSD**

**Course Description:** This is a course about science, research, and clinical practice. The central focus of the course is understanding and critically analyzing research reports as well as systematic reviews for the purpose of informing clinical practice. Ultimately, you will develop the basic skill set of an evidence-based practitioner.

**Instructor:** Andrea Weaver & Randall Robey

**Credit Hours:**2

**Schedule:** June 16 – July 31, 2009

**Location:** Online

- **Class only for students enrolled in “Distance Learning in VA Education SLP’s (DLVE-SLP)”**

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### **CSD 604 OP01 – Neuroanatomy & Neurophysiology of Speech & Language**

**Course Description:** This course focuses on neurological structures and functions related to speech, language, and hearing processes. Disorders of the nervous system, their location and how these disorders affect speech and language behaviors will be examined. Embryological development and craniofacial pathologies are also studied.

**Instructor:** Andrea Weaver & Carol Dudding

**Credit Hours:**3

**Schedule:** June 16 – July 31, 2009

**Location:** Online

- *Class only for students enrolled in “Distance Learning in VA Education SLP’s (DLVE-SLP)”*

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### **CSD 651 OP01 – Disorders of Speech Resonance**

**Course Description:** This course examines cleft lip, cleft palate and other orofacial abnormalities and their associated speech disorders. Theories and methods of research, diagnostic evaluation, and treatment of resonance disorders are discussed.

**Instructor:** Andrea Weaver & Charles Runyan

**Credit Hours:**2

**Schedule:** May 18 – July 31, 2009

**Location:** Online

- *Class only for students enrolled in “Distance Learning in VA Education SLP’s (DLVE-SLP)”*

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### **CSD 656 OP01 – Voice Disorders**

**Course Description:** An in-depth study of laryngeal function and disorders, including anatomical and physiological bases for normal voice production as well as functional, organic and neurogenic voice disorders. Theories and methods of research, diagnostic evaluation, and treatment of voice disorders are discussed.

**Instructor:** Andrea Weaver & Christy Ludlow

**Credit Hours:**3

**Schedule:** May 18 – July 31, 2009 (

**Location:** Online

- *Class only for students enrolled in “Distance Learning in VA Education SLP’s (DLVE-SLP)”*

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### **CSD 680 OP01 – Reading and Research**

**Course Description:** This course addresses contemporary issues (e.g. prevalence of communication disability, availability of services, social and cultural restrictions, socioeconomics, health disparities, global views, etc.) which pertain to the promotion and delivery of speech-language pathology and Audiology services, specifically to individuals from socially, culturally, ethnically and/or linguistically diverse backgrounds. This course advocates for the development of cultural competency as a basic requirement for the provision of communication disorders services as well as to comply with ASHA’s Code of Ethics.

**Instructor:** Andrea Weaver & Ron Jones

**Credit Hours:** 1

**Schedule:** May 18 – July 31, 2009

**Location:** Online

- *Class only for students enrolled in “Distance Learning in VA Education SLP’s (DLVE-SLP)”*

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### **EDUC 370 OP01 – Instructional Technology**

**Course Description:** This class is designed to help professionals improve their classroom instruction by integrating digital and electronic technology, by way of desk or laptop and the Internet, into their daily classroom assignments.

**Instructor:** Ann Wrenn

**Credit Hours:** 3

**Schedule:** May 22 – June 26, 2009 (Wednesday, Friday, & Saturday:  
W – online, Fri – 5:30 – 7:00PM, Sat – 9:30AM – 1:30PM)

**Location:** Diamond Hill Baptist Church, Lynchburg VA

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### **EDUC 490 OP01 – Educational Technology**

**Course Description:** This class is designed to help professionals improve their classroom instruction by integrating digital and electronic technology, by way of desk or laptop and the Internet, into their daily classroom assignments.

**Instructor:** Ann Wrenn

**Credit Hours:**3

**Schedule:** May 22 – June 26, 2009 (Wednesday, Friday, & Saturday:  
W – online, Fri – 5:30 – 7:00PM, Sat – 9:30AM – 1:30PM)

**Location:** Diamond Hill Baptist Church, Lynchburg VA

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### **EDUC 490 OP02 – Learning Intermediate Excel as an Online Course**

**Course Description:** Course designed for DCE teachers

**Instructor:** Glenn Smith

**Credit Hours:**3

**Schedule:** June 8 – August 7, 2009 (Monday – Friday, 8:30AM – 4:30PM)

**Location:** TBD/JMU Campus

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### **EDUC 490 OP03 – Curriculum & Instructional Procedures**

**Course Description:** In-depth examination of selected topics which are of current importance in the field of education.

**Instructor:** David Slykhuis and Kristina Doubet

**Credit Hours:**3

**Schedule:** July 27 – August 5, 2009 (Monday – Thursday, 8:30AM – 4:30PM)

**Location:** Hiner Room, Memorial Hall, JMU

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### **EDUC 501 OP01 – Content Teaching Academy in 6-12 Mathematics**

**Course Description:** Course will be delivered in a conference format. The Secondary Mathematics Academy offers concentrations in middle school mathematics and high school mathematics. The middle school content emphasis is on the algebra and probability and statistics strands of the grade 6-8 VA SoL's and the high school mathematics emphasis is the geometry and algebra VA SoL's.

**Instructor:** Laurie Cavey

**Credit Hours:**3

**Schedule:** June 22 – July 31, 2009 (weeklong conference with on-line follow-up)

**Location:** Festival Center, JMU

**For more information, please visit:** <http://www.jmu.edu/contentacademy/>

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### **EDUC 501 OP02 – Content Teaching Academy in 6-12 English**

**Course Description:** Designed to accomplish two major goals for the teachers, supervisors, and administrators who will participate: increased knowledge of the content defined by the Virginia Standards of Learning and improved instructional delivery of that content. The course will be delivered in a conference format. Participants will focus on exploring ways to promote the

learning and appreciation of literature and writing for a wide range of learners. Both the grades 6-8 and grades 9-12 sessions will feature strategies for enhancing literacy teaching.

**Instructor:** C. Hood Frazier

**Credit Hours:**3

**Schedule:** June 22 – July 31, 2009 (weeklong conference with on-line follow-up)

**Location:** Festival Center, JMU

**For more information, please visit:** <http://www.jmu.edu/contentacademy/>

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### **EDUC 501 OP03 – Content Teaching Academy in 8-12 Physics & Physical Science**

**Course Description:** This academy will follow the Physics Teaching Resource Agents (PTRA) program developed by the American Association of Physics Teachers (AAPT). The PTRA program is designed to improve physics teaching and learning and the pre-college level. Participants will experience a series of closely linked pedagogically paced activities and experiences designed to help the participants learn to use techniques that are student centered and based on sound Physics Education Research methodologies. The participants will develop content knowledge through experimentation and establishing important models for the physical world based on the results of the experimentation. Participants will be challenged to take the materials and adapt them for their own setting and the learning readiness of their own students. The physics content emphasis on this week's program will be electricity and magnetism.

**Instructor:** David Slykhuis

**Credit Hours:**3

**Schedule:** June 22 – July 31, 2009 (weeklong conference with on-line follow-up)

**Location:** Festival Center, JMU

**For more information, please visit:** <http://www.jmu.edu/contentacademy/>

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## **EDUC 501 OP04 – Content Teaching Academy in 6-12 History & Social Studies**

**Course Description:** The Citizenship Education Academy is an opportunity for teachers to explore the concepts of citizenship, civic education, and democracy across all social studies content areas. Participants will leave with new ideas, tools and experiences to enliven, focus, and deepen their teaching of citizenship and SOL content. The 5-day institute is designed for 6-12 social studies teachers and school administrators.

**Instructor:** Michelle Cude

**Credit Hours:**3

**Schedule:** June 22 – July 31, 2009 (weeklong conference with on-line follow-up)

**Location:** Festival Center, JMU

**For more information, please visit:** <http://www.jmu.edu/contentacademy/>

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## **EDUC 501 OP05 – Content Teaching Academy in K-5 Core**

**Course Description:** This course is designed to accomplish two major goals for the teachers who will participate: increased knowledge of the content defined by the Virginia Standards of Learning and improved instructional delivery of that content. The course will be delivered in a conference format. Participants in the Elementary K-5 Core Academy may focus on Standards of Learning in one of the following grade pairs: K-1, 2-3, or 4-5. Participants will be exposed to K-5 Core content and strategies: Language Arts, Social Studies, Science, and Mathematics.

**Instructor:** Deborah Carrington

**Credit Hours:**3

**Schedule:** June 22 – July 31, 2009 (weeklong conference with on-line follow-up)

**Location:** Festival Center, JMU

**For more information, please visit:** <http://www.jmu.edu/contentacademy/>

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### **EDUC 501 OP06 – Linguistics (for ESL Certificate Program through HCPS)**

**Course Description:** This course is designed to help HCPS teachers gain familiarity with the essential English linguistics needed to maximize instructional effectiveness in classrooms with increasing linguistic diversity. Teachers will gain an understanding of the structure and function of the English language, as well as conduct contrastive analyses with major language groups represented in HCPS schools. The focus of the class will be to make connections between the science of English linguistics and the art of teaching students in our classrooms.

**Instructor:** Laura Feitchinger McGrath

**Credit Hours:**3

**Schedule:** June 22 – June 26, 2009 (Monday – Friday, 8:00AM – 4:00PM)

**Location:** Hiner Room, Memorial Hall, JMU

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### **EDUC 501 OP07 – Cross-Cultural Studies**

**Course Description:** The course provides students with knowledge of the effects of socio-cultural variables in an instructional setting.

**Instructor:** Kristen Shrewsbury

**Credit Hours:**3

**Schedule:** June 27 – July 4, 2009 (Monday – Friday, 9:00AM – 4:00PM)

**Location:** Memorial Hall, JMU

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### **EDUC 501 OP08 – JMU NETS\*T Certification: Portfolio Review**

**Course Description:** Portfolio review to support JMU NETS\*T certification

**Instructor:** Rich Ingram

**Credit Hours:**3

**Schedule:** May 18 – August 7, 2009

**Location:** TBD

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**EDUC 630 OP01 – Inquiry in Education (Rockbridge Cohort)**

**Course Description:** The purpose of this course is to help the student develop skills, insights, and understandings that will enable her or him to become an intelligent and critical consumer of educational inquiry and a productive participant in the inquiry process. Prerequisites are appropriate technology skills or EDUC 505.

**Instructor:** Jack Donald

**Credit Hours:**3

**Schedule:** May, 2009 – June, 2009 (Monday – Friday)

**Location:** Rockbridge County High School, Lexington VA

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**EXED 417 OP01 – Communication, Language, & Sensory Issues in Autism**

**EXED 602 OP01 – Communication, Language, & Sensory Issues in Autism**

**Course Description:** This course is designed to provide an overview of the current issues involved in working with children who have been identified as having an autism spectrum disorder. We will discuss only briefly learning characteristics, current research and factors involved with causation, assessment and diagnosis and positive behavioral supports to set the stage. The bulk of our time will be spent exploring social skills development; sensory processing, motor planning and sensory integration; and communication and language development. We will consider a range of instructional methodologies and techniques for providing instruction, support and generalization of skills in these areas. Pre-requisite is the first course in the autism certificate program. *(This is the second required course for the Certificate in Autism Spectrum Studies)*

**Instructor:** Laura Desportes

**Credits:** 3

**Schedule:** May 18, 2009 – July 10, 2009

**Location:** Online

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**EXED 533 OP01 – Orientation and Mobility for Students with Visual Impairments**  
**EXED 433 OP01 – Orientation and Mobility for Students with Visual Impairments**

**Course Description:** This course will provide the foundation for understanding the components and essence of Orientation and Mobility. It establishes how the need for independent travel in the blind population created the field of O & M. It explores the philosophy and history of orientation & mobility including cane instruction, dog guides and methods of travel. It addresses techniques in developing orientation skills and basic mobility instructions. Motor and concept skill development are emphasized.

**Instructor:** Brianna Quinn

**Credit Hours:**3

**Schedule:** May 18 – July 7, 2009

**Location:** Online

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**EXED 435 OP01 – Characteristics of Students with Visual Impairments**  
**EXED 530 OP01 – Characteristics of Students with Visual Impairments**

**Course Description:** This course provides an overview of the characteristics of and services to persons with visual impairments, including the impact of visual impairment on infants' and children's growth and development, child and adolescent emotional and social development, and family interaction patterns. It will consider the educational, conceptual, psycho-social and physical implication of a visual impairment.

**Instructor:** Brianna Quinn

**Credit Hours:** 1

**Schedule:** May 19 – June 16, 2009 (Tuesday, 4:00 – 6:40 PM)

**Location:** Online (in real time)

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### **EXED 440 OP01 – Classroom Management & Professional Collaboration**

**Course Description:** A focus on techniques used to manage the behavior of students. Emphasized are strategies used to prevent inappropriate behavior from occurring and/or worsening. Other interventions are taught such as techniques for working with others (e.g., parents, teachers and administrators) who may provide behavior management assistance to teachers and administrators.

**Instructor:** Lorna Frizzelle

**Credit Hours:** 3

**Schedule:** June 15 – July 20, 2009

**Location:** Online

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### **EXED 501 OP01 – Content Teaching Academy in Early Childhood Special Education**

**Course Description:** Provides improved intervention planning and delivery of instruction for preschool children with disabilities and their families. Topical areas will focus on application of state standards, curriculum, and the quality rating and improvement system; children with complex healthcare needs; children diagnosed with autism spectrum disorder; and the use of assistive technology in preschool education. The course will be delivered in a conference format.

**Instructor:** Brianna Quinn

**Credit Hours:** 3

**Schedule:** June 22 – July 31, 2009 (weeklong conference with on-line follow-up)

**Location:** Festival Center, JMU

**For more information, please visit:** <http://www.jmu.edu/contentacademy/>

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### **EXED 520 OP01 – Differentiation of Instruction**

**Course Description:** Designed to assist teacher candidates in providing appropriate instruction and in collaborating with other professionals to meet the needs of exceptional learners in the general education classroom. Content is based on the knowledge bases in Exceptional Education and Elementary/middle/Secondary Education as well as the Teacher Education Unit's Conceptual Framework. Teacher candidates will seek to create a learning environment that fosters respect for individual differences. Participants will gain an increased understanding of how students differ in their approach to learning and will focus on creating instructional opportunities that are adapted to diverse learners and foster access to the curriculum. In addition, participants will gain an increased understanding of the complexity of the roles of teachers.

**Instructor:** Staff

**Credits:** 3

**Schedule:** May 18, 2009 – August 7, 2009

**Location:** Online

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### **EXED 570 OP01 – Practicum in Gifted Education**

**Course Description:** The practicum experience is designed to provide direct experiences with gifted education programming during the student teaching experience.

**Instructor:** Mary Slade

**Credits:** 3

**Schedule:** May 18, 2009 – June 12, 2009

**Location:** Online

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**EXED 632 OP01 – Braille Reading and Writing**

**Course Description:** This course provides basic instruction on transcription of advanced Braille codes, including: music, foreign language, chemistry, computer Braille, and Nemeth Code (Braille math code). Introduces techniques for teaching skills in each code. Explores technology tools used to create Braille and tactile materials in addition to other assistive technologies used for instruction in math and science.

**Instructor:** Brianna Quinn

**Credit Hours:**3

**Schedule:** June 1 – July 27, 2009 (Monday, 4:30 – 9:00 PM)

**Location:** Hiner Room, Memorial Hall, JMU

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**EXED 633 OP01 – Teaching Methods for Students with Visual Impairments**

**Course Description:** Emphasizes methods of teaching compensatory skills, the core curriculum, and technology for use by students who are blind and visually impaired. Addresses curriculum development, adaptations and teaching methodology for individuals with visual impairments. Provides information on adaptations within various educational programs and adaptation for general education classroom materials and procedures for use with blind and low vision children and youth.

**Instructor:** Brianna Quinn

**Credit Hours:**3

**Schedule:** May 21 – July 9, 2009 (Thursday, 4:00 – 10:00 PM)

**Location:** Hiner Room, Memorial Hall, JMU

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**EXED 635 OP01 – Practicum with Students with Visual Impairments**

**Course Description:** The assignment for this course is designed to facilitate student's application and transfer of knowledge to persons with visual impairments. The student will assess an individual with visual impairment using an appropriate assessment. The information gained from the assessment will then be used to develop IEP goals and objectives for the individual. One of the target objectives will be chosen and an instructional program will be designed to address that objective. Students will implement the program and gather student performance data, use the data to evaluate the program, and make needed changes.

**Instructor:** Brianna Quinn

**Credit Hours:** 1

**Schedule:** July 15 – August 7, 2009 (TBD, 9:00 AM – 5:00 PM)

**Location:** TBD

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**EXED 660 OP01 – Curriculum Design in Gifted Education**

**Course Description:** The course content includes the design and development of differentiated curriculum for gifted learners. The emphasis of the course is the adaptation and modification of existing curricula, as well as how to design new curricular materials for gifted learners. Content includes making decisions about the suitability of curricular materials for gifted learners.

**Instructor:** Mary Slade

**Credits:** 3

**Schedule:** May 18, 2009 – June 26, 2009

**Location:** Online

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## **EXED 665 OP01 – Current Issues & Trends in Gifted Education**

**Course Description:** The course content focuses on the seminal and current issues related to the recognition and education of giftedness in individuals from birth through the life span. Participants will examine the critical issues facing the field of gifted education as well as future directions. Specific topics include: (a) Collaboration Between Gifted and General Education; (b) The Psycho-Social Adjustment and Guidance of Gifted Learners; (c) The Plight of Underserved Populations of Gifted Learners; (d) Educational Programming Models for Gifted Education; and (e) The approaches used to measure and assess giftedness.

**Instructor:** Mary Slade

**Credits:** 3

**Schedule:** June 28, 2009 – August 7, 2009

**Location:** Online

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## **GEOG 161 OP01 – Geospatial Tools and Techniques**

**Course Description:** This course is part of the Geospatial Semester program and provides the skills and knowledge to make use of geospatial technologies such as geographic information systems (GIS), global positioning systems (GPS), and remote sensing. This class will focus on building skills with the various technologies and applying them to different fields, such as environmental science, city planning, ecology and many others.

**Instructor:** Robert Kolvoord

**Credit Hours:** 3

**Schedule:** January 1, 2009 – June 1, 2009 (Mon-Fri, 9:00AM – 10:30AM)

**Location:** Norcom High School, Portsmouth VA

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## **GGEOL 102 OP01 – Environment Earth**

**Course Description:** A study of geological processes causing global change and their impact on human thought. The relationship between some geological processes and life on the Earth is also considered.

**Instructor:** Richard Newcomer

**Credit Hours:**3

**Schedule:** January 27, 2009 – June 04, 2009 (Tuesday & Thursday)

**Location:** Massanutten Governor's School, Mount Jackson VA

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### **GHIST 225 OP01 – U.S. History (for ADP students)**

**Course Description:** The American Experience package is part of cluster four of the General Education Program at James Madison University. This cluster is designed to enable students to examine the political, social, and economic processes and structures with both domestic and global contexts. This course examines the significant developments, trends and events that have shaped the course of American History from first contact to the present.

**Instructor:** M. Shaun Mooney

**Credit Hours:**4

**Schedule:** May 18 – July 24, 2009

**Location:** Online

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### **GPSYC 160 OP01 – Life Span Human Development**

**Course Description:** Independent Study. This online course is a general education course whose content emphasizes lifespan processes within physical, cognitive, emotional, psychosexual, social, cultural, personality and moral development. A major emphasis within the course is to provide students with information and experiences which are consistent with the University's goal for providing a general education.

**Instructor:** Ben Baines

**Credits:** 3

**Schedule:** February 16, 2009 – May 10, 2009 (Thursdays)

**Location:** Area Vocational Tech Center, VA

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### **GPSYC 160 OP02 – Life Span Human Development (VATIE)**

**Course Description:** The overall objective of this course is to provide participants with understanding and overview of the life span development of people, including the adolescent learner. The material learned within the course will assist participants to work more effectively with the adolescents.

**Instructor:** W. Mark Church

**Credits:** 3

**Schedule:** August 1, 2009 – August 8, 2009 (Mon- Fri, 8:00AM – 5:00PM)

**Location:** Holiday Inn, Richmond VA

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### **GSCI 165 OP01 – How Life Works**

**Course Description:** Patterns, energy, information, life's machinery, feedback, community and evolution. These are major themes in how life works. This course will be the first in the series of core science and math classes that use science Standards of Learning as an integrating theme

**Instructor:** Cindy Klevickis

**Credit Hours:** 1

**Schedule:** April 06 – June 6, 2009 (2:00 – 4:30PM, Thursday)

**Location:** George Wythe High School, Richmond, VA

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## **HIST 501 OP01 – We the People: The Citizen and the Constitution**

**Course Description:** An instructional program on the history and principles of American constitutional democracy for elementary, middle and high school students. The program is based on curricular materials developed by the Center of Civic Education and acclaimed by leading educators. Simulated congressional hearings, excellent for performance assessment, are built into the curriculum. At the high school level, classes may choose to enter a competition structured as a simulated hearing where their knowledge of the Constitution is tested.

**Instructor:** J. Christopher Arndt

**Credits:** 3

**Schedule:** July 5 – July 28, 2009

**Location:** 2105 Harrison Hall, James Madison University

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## **IS 202 OP01 – Orientation to Career & Life Planning**

**Course Description:** This course is designed to assist freshmen and sophomore students in choosing a major or career field by identifying and assessing their interest, values, personality strengths, skills and abilities: exploring a variety of career fields; learning effective decision-making strategies; and developing marketable skills by identifying opportunities to learn through campus activities, leadership experiences, internships and summer jobs.

**Instructor:** Tracey Hakala

**Credits:** 1

**Schedule:** TBD

**Location:** TBD

***\*Open only to Clarke County Bridge Camp Students***

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## **ISAT 501 OP01 – Children’s Engineering (Independent Study)**

**Course Description:** This course will prepare teachers to use design, engineering and technology (Children's Engineering) approaches, similar to those used in Great Britain, for enhancing elementary student engagement and learning. Teachers will learn to use DE&T activities that integrate and apply the content and skills of science, math and other subjects that are included in current educational standards. Teachers will use and develop age-appropriate, context-based learning interesting to the children and link to what they are studying in reading and other subjects.

**Instructor:** Cindy Klevickis

**Credit Hours:**3

**Schedule:** June 26 – August 31, 2009 (Monday – Friday, 8:00 AM – 5:00 PM)

**Location:** ISAT 246, JMU

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### **ISAT 503 OP01 – Workshop in Geospatial Technology**

**Course Description:** This class will focus on building Geographic Information Systems (GIS) skills and exploring applications of GIS in different areas of the Environment. There will be guest speakers from industry to “ground-truth” the use of GIS in their particular domain. You will become acquainted with the tools, techniques, and theory of GIS. You will also develop a solid understanding of the different kinds of data that can be used with GIS. This is a seminar class

**Instructor:** Bob Kolvoord

**Credit Hours:**3

**Schedule:** January 26, 2009 – May 30, 2009 (Mon-Fri, 8:00AM – 9:30AM)

**Location:** Rappahannock High School, Washington VA

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**KIN 490 OP01 – ASEP Coaching Certification (Undergraduate Level – 2<sup>nd</sup> 4 Weeks)**

**KIN 501 OP01 – ASEP Coaching Certification (Graduate Level – 2<sup>nd</sup> 4 Weeks)**

**Course Description:** This course should give the student a foundation on which to build an understanding of what it takes to be a successful coach as well as an opportunity to become

certified by the American Sport Education Program (ASEP) in Coaching Principles at the high school level and younger.

**Instructor:** Peggy Kellers

**Credit Hours:**3

**Schedule:** June 15 – July 10, 2009

**Location:** Online

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**KIN 490 OP02 – ASEP Coaching Certification (Undergraduate Level – 1<sup>st</sup> 4 Weeks)**

**KIN 501 OP02 – ASEP Coaching Certification (Graduate Level – 1<sup>st</sup> 4 Weeks)**

**Course Description:** This course should give the student a foundation on which to build an understanding of what it takes to be a successful coach as well as an opportunity to become certified by the American Sport Education Program (ASEP) in Coaching Principles at the high school level and younger.

**Instructor:** Peggy Kellers

**Credit Hours:**3

**Schedule:** May 18 – June 12, 2009

**Location:** Online

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**MUED 598 OP01 – Music and Special Learners**

**Course Description:** Students will become familiar with general educational issues and music education trends affecting special learners in the United States. Questions about music education teaching and learning will be covered, variations in language ability, assessment, inclusion, and music education in a diverse world. The class will develop a sense of community in reading and discussion forums as well as lesson planning. Students will become knowledgeable in the areas of language, motor, visual, and social development, connecting current research and theory about special learners music education to classroom practice. To synthesize thinking and learning experiences, students will critically assess inclusive school settings.

**Instructor:** Alice Hammel

**Credits:** 3

**Schedule:** May 18, 2009 – August 10, 2009

**Location:** Online

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### **POSC 505 OP01 – We the People**

**Course Description:** Those seeking academic credit for the Summer 2008 Institute will be asked to prepare a paper that will examine some aspect of the origins and early interpretation of the Constitution and may focus on one of the following themes: Origins of the Constitution; The Debates over the Constitution; An Analysis of the *Federalist Papers*; Anti-federalist Opposition to the Constitution; The Separation and Balance of Powers; The Constitution and the Rights of Individual Citizens; The Relationship between the States and the Federal Government; the Living Constitution; or The Marshall Court.

**Instructor:** J. Christopher Arndt

**Credits:** 3

**Schedule:** July 5 – July 28, 2009 (Monday – Saturday, 8:30AM – 7:00PM)

**Location:** 2105 Harrison Hall, James Madison University

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### **PUAD 570 OP01 – Public Financial Management**

**Course Description:** This course examines financial management in public and nonprofit organizations by addressing such concepts as cash, debt, and investment management; risk assessment; capital projects; intergovernmental and cross-sectoral relationships, and budgeting. Financial reporting, financial statements, and auditing will also be examined as accountability and internal control mechanisms. Principles of finance and public sector economics are used to examine issues of demand for delivery of public goods by state and local governments and nonprofit organizations.

**Instructor:** Nicholas Swartz

**Credits:** 3

**Schedule:** June 29 – August 7, 2009 (Monday & Wednesday, 6:30 – 9:00PM)

**Location:** Roanoke Higher Education Center

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### **PUAD 662 OP01 – Governance & Nonprofit Organizations**

**Course Description:** Study of the structure, functions and composition of nonprofit boards and their relationship to organizational management and performance. Explore the fiduciary, strategic, and generative governance roles of boards and common problems associated with nonprofit governance. Assess proposals to improve board performance and accountability.

**Instructor:** Gary Kirk

**Credits:** 3

**Schedule:** May 19 – June 26, 2009 (Monday & Wednesday, 6:00 – 9:00PM)

**Location:** Roanoke Higher Education Center

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### **READ 588 OP01 – Writing Instruction**

**Course Description:** Students will learn the developmental processes involved in writing. The course will center around the functional task of planning writing lessons and assessments for the elementary level. The course will be delivered using the writing workshop format and will like to literature models. Students will be expected to actively participate and share all resources with classmates.

**Instructor:** Pamela Sullivan

**Credit Hours:**3

**Schedule:** March 10 – June 5 2009 (Tuesday & Thursday 4:00 – 8:00PM, Sat 9:00AM – 4:00PM)

**Location:** Greene County Middle School, VA

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**READ 590 OP01 – Literacy Across the Curriculum**

**Course Description:** Accurate decoding is a necessary but not sufficient condition for the true goal of reading: comprehension. Skills for comprehension may predate decoding, may develop simultaneously with decoding skill, and may be fine-tuned long after students are experienced decoders. Literacy Across the Curriculum is a course that explores how students comprehend and learn with text and how teachers assist them in these processes. Teachers will expand their repertoire of instructional strategies for supporting student literacy development beyond decoding, understanding that fluency is a necessary but not sufficient skill for comprehension to occur. Participants will explore the nature and meaning of comprehension through purposeful, student-centered teaching and learning. This class is built on the understanding that students are given material on their instructional reading level in order for comprehension to take place and that students are engaged and interactive with the text. Current research will frame the exploration, modeling, and practice of effective instruction, with and emphasis on the social constructivist perspective of literacy development.

**Instructor:** Marianne Baker

**Credit Hours:**3

**Schedule:** June 15 – July 3, 2009 (Monday – Friday, 8:30 – 11:30AM)

**Location:** Greene County Primary School, Standardsville VA

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**READ 602 OP01 – Word Knowledge: Phonics, Spelling, & Vocabulary**

**Course Description:** This class provides experiences with developing appropriate word study lessons based upon developmental needs of students. The class explores the conceptual and theoretical underpinnings of word knowledge and spelling development, and the intricate relationship of student reading and writing growth.

**Instructor:** Marianne Baker

**Credit Hours:**3

**Schedule:** June 15 – July 3, 2009 (Monday – Friday, 12:30 – 3:30 PM)

**Location:** Greene County Primary School, Standardsville VA

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### **SCOM 231 OP01 – Introduction to Alternative Dispute Resolution**

**Course Description:** Study of conflict resolution processes including mediation, arbitration and negotiation. Consideration of litigation and hybrid dispute processes such as summary jury trial, rent-a-judge and panel evaluation.

**Instructor:** William Kimsey

**Credit Hours:**3

**Schedule:** May 18 – June 12, 2009 (Monday – Thursday, 7:00 – 9:30 PM)

**Location:** Online

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### **VOED 383 OP01 – Curriculum & Instruction (DCE)**

**Course Description:** The overall objectives of this class are to provide participants with the ability to develop the curriculum for their subject area discipline and to effectively deliver this material in a classroom setting. Students will be exposed to the following activities during the course: material on how people learn; information related to methods of motivating students; development of written lesson plans; writing measurable objectives in the cognitive, affective, and psychomotor domains; use of advisory committees to assist in the curriculum; how to evaluate students; and understanding of basic school law.

**Instructor:** Richard Lee Ross

**Credit Hours:**3

**Schedule:** June 8 – August 7, 2009 (Monday – Thursday, 8:30AM – 4:30PM)

- *For DCE teachers only*

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