



**College of Education and Human Development
Division of Special Education and disAbility Research**

Fall 2017

EDSE 629 001: Secondary Curriculum and Strategies for Students with Disabilities who Access the General Curriculum
CRN: 71449, 3 – Credits

Instructor: Dr. Rajiv Satsangi	Meeting Dates: 08/28/17 – 12/20/17
Phone: 703-993-1746	Meeting Day(s): Wednesday
E-Mail: rsatsang@gmu.edu	Meeting Time(s): 7:20 pm - 10:00 pm
Office Hours: By email appointment	Meeting Location: Fairfax, KH 17
Office Location: (Fairfax Campus – Finley 209)	Other Phone: N/A

*Note: This syllabus may change according to class needs. Teacher Candidates/Students will be advised of any changes immediately through George Mason e-mail and/or through Blackboard.

Prerequisite(s) None

Co-requisite(s) None

Course Description

Applies research on teacher effectiveness, accountability, and instructional approaches at the secondary level for individuals with mild disabilities. Includes instructional methods necessary for teaching reading, writing, math, and other content areas across the curriculum. Note: Field experience required. Offered by Graduate School of Education. May not be repeated for credit.

Registration Restrictions:

Enrollment limited to students with a class of Graduate or Senior Plus.

Enrollment is limited to Graduate or Undergraduate level students.

Schedule Type: Lecture

Advising Contact Information

Please make sure that you are being advised on a regular basis as to your status and progress through your program. Mason M.Ed. and Certificate teacher candidates/students should contact the Special Education Advising Office at (703) 993-3670 for assistance. All other teacher candidates/students should refer to their faculty advisor.

Advising Tip

Did you know that Mason email is the primary method of communication used by university offices including those arranging internships, reviewing records for graduation, etc.? Check your Mason email regularly or use the instructions at <http://masonlive2.gmu.edu/tutorials/forwardemail.cfm> to forward to an email account you check frequently.

Course Delivery Method

Learning activities include the following:

1. Class lecture and discussion
2. Application activities
3. Small group activities and assignments
4. Video and other media supports
5. Research and presentation activities
6. Electronic supplements and activities via Blackboard

Learner Outcomes

Upon completion of this course, teacher candidates/students will be able to:

1. Demonstrate knowledge of the federal and state laws that require and provide for instructional services for students with disabilities.
2. Demonstrate the ability to develop a comprehensive unit that includes instructional strategies and adaptations for students with disabilities at the secondary level.
3. Identify and infuse into the curriculum differentiation strategies for successfully including students with disabilities at the secondary level in both regular (math, science, social studies, English, etc.) and special education classroom environments.
4. Demonstrate the ability to assess, plan for, and address the content area literacy needs of students with disabilities who are accessing the general curriculum
5. Describe components of Individual Education Plans that successfully address the needs of secondary students with disabilities.
6. Identify research efforts, organizations, services, networks, and the variety of state and local resources aimed at dropout prevention and improving the outcomes of secondary students with disabilities.

Course Relationship to Program Goals and Professional Organizations

This course is part of the George Mason University, Graduate School of Education (GSE), Special Education Program for teacher licensure in the Commonwealth of Virginia in the special education areas of Special Education: Students with Disabilities who Access the General Curriculum K-12. This program complies with the standards for teacher licensure established by the Council for Exceptional Children (CEC), the major special education professional organization, as well as those established by the Interstate Teacher Assessment and Support consortium (InTASC). The standards addressed in this class include CEC Standard 2: Learning environments (InTASC 3); CEC Standard 4: Assessment (InTASC 6) & CEC Standard 5: Instructional planning and strategies (InTASC 7,8).

Evidence-Based Practices

This course will incorporate the evidence-based practices (EBPs) relevant to secondary curriculum learning strategies and content area planning. Evidence for the selected research-based practices is informed by meta-analysis, literature reviews/synthesis, the technical assistance networks which provide web-based resources, and the national organizations whose mission is to support students with disabilities. We address both promising and emerging practices in the field of special education. This course will provide opportunities for teacher candidates/students to take an active, decision-making role to thoughtfully select, modify, apply, and evaluate EBPs in order to improve outcomes for students with disabilities.

Required Textbooks

Archer, A. L., & Hughes, C. A. (2011). *Explicit instruction: Effective and efficient teaching*. Guilford Press.

Recommended Textbooks

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (6th ed.). Washington, DC: Author.

Course Performance Evaluation

Students are expected to submit all assignments on time in the manner outlined by the instructor (e.g., Blackboard, Tk20, hard copy).

Tk20 Performance-Based Assessment Submission Requirement

It is critical for the special education program to collect data on how our students are meeting accreditation standards. Every teacher candidate/student registered for an EDSE course with a required Performance-based Assessment (PBA) is required to upload the PBA to Tk20 (regardless of whether a course is an elective, a one-time course or part of an undergraduate minor). A PBA is a specific assignment, presentation, or project that best demonstrates one or more CEC, InTASC or other standard connected to the course. A PBA is evaluated in two ways. The first is for a grade, based on the instructor's grading rubric. The second is for program accreditation purposes. Your instructor will provide directions as to how to upload the PBA to Tk20.

For EDSE 629, the required PBA is Secondary Curriculum Unit Plan. Failure to submit the assignment to Tk20 will result in reporting the course grade as Incomplete (IN). Teacher candidates/students have until five days prior to the University-stated grade change deadline to upload the required PBA in order to change the course grade. When the PBA is uploaded, the teacher candidate/student is required to notify the instructor so that the "IN" can be changed to a grade. If the required PBA is not uploaded five days prior to the University-stated grade change deadline and, therefore, the grade not changed, it will become an F. Please check to verify your ability to upload items to Tk20 before the PBA due date.

Assignments and/or Examinations

Performance-based Assessment (Tk20 submission required)

Assignment 1: Secondary Curriculum Unit Plan (40 points)

The Secondary Curriculum Unit Plan provides you with the opportunity to demonstrate your ability to prioritize essential concepts and skills, write lesson plans and assessments, and adapt existing lesson plans within a curriculum unit. You are required to write **two** comprehensive lesson plans that address state standards and include students with disabilities. You are also required to adapt **one** lesson plan to be delivered in a co-taught classroom that addresses similar state standards. You will write **two** assessments that provide opportunities for the learners to demonstrate their understanding of the core concepts of the unit for either classroom. Your focus should be on the integration of evidence-based practices that meet the unique needs of learners with mild to moderate exceptional learning needs at the secondary level in a given content area using the appropriate state standards.

Groups: You will complete this assignment in small groups. Groups should consist of four or fewer people. The groups will work together and submit one complete unit plan with each group member's name on it. The group will work together to adapt 1 lesson plan and then create 2 additional, original lesson plans. The group must ensure that all lesson-plans work together and flow within the sequence of concepts of the unit.

Blackboard: On the course BB site, there is a folder labeled, "Content Area Instructional Unit." This folder contains the assignment, rubric, unit mapping organizer, lesson plan templates, and other useful materials. Please make sure to download these materials to your laptop so that you can access/use them during class time.

Class Time: This is a large assignment and we will spend some time during each class session working in groups on the components. Please plan to bring your laptops and materials to class. Please plan to ask questions and do not leave this assignment until the last minute!

Required Components: Each paper should be written in a professional manner with complete sentences and be free of grammatical and spelling errors. All components should fit together logically and coherently.

Each unit must contain the following components:

Part I: Target Classroom

Your paper will begin with a 2-3 page overview of the target classroom and the types of learners in this class.

1. Provide a clear description of the target classroom situation including a description of the learners with mild-moderate exceptional learning needs (impact of learners' academic and social abilities, attitudes, interests, and values) and grade level. This will include an explanation of the characteristics of the learners, and similarities/differences of and among individuals with and without exceptional learning needs. Also describe the number of total students, number of instructors and paraprofessionals, and the length

of each class (NOTE: You have the option of describing your own secondary classroom or creating a realistic inclusive “class” of learners with mild to moderate exceptional learning needs who access the general education curriculum. Your “class” should also include students with cultural and linguistic differences).

2. Description of how you will differentiate your instruction
3. Description of how learners’ special needs will be addressed.

Part II: Curriculum Analysis

Choose a state or Common Core standard (or component of a standard) from a specific content area in any grade level 6-12. In narrative form, identify the standard(s) and provide an analysis of the essential concepts, critical vocabulary, and necessary skills (what does a student need to be able to do to acquire, organize, recall, and express the mastery of the standard material) required to meet the standard(s). Explain why this/these standard(s) are appropriate for the target audience described in Part I. Your analysis in this section will guide your unit and lesson planning.

Part III: Development of Unit Planning Visual Organizer

Using your analysis of the standard(s) in Part II, identify concepts, vocabulary, and skills that fit together and can be taught in a cohesive unit. With these, create a Unit Planning Visual Organizer (document given to you by instructor) that:

1. Makes explicit connections between prior knowledge and future knowledge
2. Identifies linkages between the essential concepts of the unit
3. Demonstrates your ability to prioritize key concepts from the unit
4. Provides a schedule of when and in what order the essential concepts will be taught
5. Determines the types of relationships that will be used to link concepts within the unit (cause/effect, compare/contrast, characteristics, etc.)
6. Poses questions that students should be able to answer at the end of the unit to
 demonstrate deep understanding of the unit concepts.

Part IV: Adaptation of a Lesson Plan

You will be given comprehensive lesson plans for 3 block-scheduled days of the unit. Your task is to take *ONE* of these lessons and adapt it to make it more accessible for the class of learners that you described.

1. Identify the essential concepts, vocabulary, and skills included in the lesson.
2. Describe areas of difficulty within the lesson for students with disabilities, providing support for your assertions.
3. Rewrite the lesson using evidence-based practices described in your text or in class to address the difficulties faced by your students identified in Part I. Please highlight modifications and explain them as necessary.

- a. Specific options for differentiating this lesson include: technology, multisensory, community connections, small group learning, vocabulary, and student organization of content.
- b. Specific ways in which the lesson objectives are scaffolded include: content scaffolds, task scaffolds (direct instruction of evidence-based strategies), materials scaffolds, and response scaffolds.
4. In a brief narrative, provide a rationale for each evidence-based practice you include.

NOTE: Submit the original lesson plan and your adapted lesson plan with your completed unit.

Part V: Lesson Plan Development

1. Write **TWO** comprehensive lesson plans, focused on your selected state standard, that address either an essential concept(s) or critical vocabulary and include teaching a skill necessary to master the material. For example, you might teach students how to use keyword mnemonics to remember critical vocabulary or you might teach how to use POWER when writing an essay.
2. Both of these lesson plans must include *evidence-based teaching methods and strategies* from the course that:
 - a. Include a statement of the measurable objective(s)
 - b. Address the abilities and needs of the learners with mild to moderate exceptional learning needs,
 - c. Individualize instruction to meet these needs,
 - d. Emphasize the development, maintenance, and generalization of knowledge and skills across environments,
 - e. Are age and ability appropriate
 - f. Are linked to the lesson objective
3. Include a copy of any materials necessary to teach the lesson (i.e., PowerPoint slides, graphic organizers, checklists)
4. In a brief narrative accompanying each lesson plan, provide a rationale for:
 - a. Your choice of lesson objective
 - b. How the teaching method and strategies you chose meet the needs of the students with disabilities and are evidence-based
 - c. The use of assistive technology (as appropriate)
 - d. How the lesson links to the next lesson/concept

Part VI: Assessments

Create **two** different assessments for your unit. Provide a description of the assessment and sample items. Identify where in the scope and sequence of your instruction each assessment

occurs.

1. One assessment must be formative
 - a. Measurement is repeated more than once
 - b. Measurement assesses knowledge of objective
 - c. Measurement requires variety of formats (over time)
2. One assessment must be summative
 - a. Measurement assesses unit questions (from Organizer)
 - b. Measurement provides a variety of modes of response
3. In a narrative accompanying the assessments, describe how they:
 - a. Require different types of responses,
 - b. Evaluate the students' learning of the stated objectives and core content of the unit, and
 - c. Guide future instruction.

Performance-based Common Assignments (No Tk20 submission required.)

Assignment 2: Secondary Issues Presentation (25 points)

This small group project will require you to identify and explore issues and topics of interest related to secondary students in general and students with disabilities in particular. With your topic (dropping out, substance abuse, need for self-advocacy, depression, gang membership, bullying, block scheduling, case management, etc.), you will identify the issue, explore causes and effects, and identify potential solutions from the literature. Students should use databased sources to create the presentation, and include the components detailed in the rubric below.

Each presentation should be approximately 40 minutes, although the exact time will be determined once we have completed the signup process.

Each presentation should include:

Introduction: Topic must be relevant to secondary learners with disabilities. The introduction should provide the following: (a) comprehensive description of the issue, (b) prevalence rate in the general adolescent population, (c) prevalence rate in the adolescent disability population, and (d) rationale for concern.

Causes: Include a clear overview of the suspected causes of the issue.

Importance for Teachers: Presenters will state why the issue is of importance to teachers and how it can impact instruction and education. Presenters should describe warning signs, if applicable.

Treatments/Interventions: Include a clear description of what has been found to work to alleviate this issue or intervene.

Resources: Presenters will describe 3-5 resources that teachers can use to address the issue. Include the source location of each resource (i.e., article citation, website).

Research: Presentation information should be based on the content of a minimum of 3 peer-review journal articles published from 2000-present.

Quality of Presentation: Information presented is based on research and evidence-based practices. Handouts and PowerPoint slides are clear, easy to read, and professional looking. Presentation is timely, engaging and informative. Presenters reflect poise, clarity, knowledge and enthusiasm. All areas of the presentation are cohesive. Presenters keep the audience engaged and encourage class participation. Presenters provide significant evidence of shared responsibility, commitment, and level of effort. Each group members has a clear, important role for the presentation.

Other Assignments

Assignment 3: Secondary Issues Resource Guide (15 points)

Creating a secondary issues resource guide using PowerPoint allows the student the opportunity to explore a topic of interest that affects secondary students in general and students with disabilities in particular. Issues may include: depression, anxiety, bullying, drug use, sexual activity, alcohol use, absenteeism, etc.

You may choose your audience; the PowerPoint can be created for students, parents or teachers.

Include the following sections:

Overview of Topic: State the topic of interest and describe the issue (citing references).

Accuracy of Content: Topic is addressed completely and accurately. Statements should be clearly supported by specific facts and detailed examples, all of which are accurate.

Attractiveness & Organization: Resource guide is well-organized, attractive, easy to read, and professionally composed (free of spelling and grammar errors). Content is well organized with headings and subheadings. Text and graphics are neatly organized and make the resource guide easy to read.

Resources: Provide a minimum of **five** resources.

**Although you will create your resource guides individually, you may find it helpful to discuss this assignment with your Secondary Issues Presentation group members prior to completing this assignment so that any information gathered can be used for your*

presentation at the end of the semester. In the past, students have found it helpful to divide up their larger topic for the group presentation into subtopics and each make a PowerPoint on one of the subtopics. For example, if your group is presenting on eating disorders, one group member could make a PowerPoint on Anorexia, another on Bulimia, and a third on Binge Eating. The information gathered for your individual PowerPoint could then be used when creating your group presentation.

Assignment 4: Blackboard Quiz (10 points)

After reading Chapters 1-3, 6, and 7 of Archer and Hughes (2011) and two additional readings provided in class, you will **complete a quiz** on Blackboard that will assess your understanding of the content covered.

Assignment 5: Attendance and Participation (10 points)

Participation includes the asking of questions and participation in interactive discussion. Students are to complete the required readings and assignments prior to the relevant class meetings. **Reading checks may be given during any class session to assess your preparation for that day's discussion.** Be aware that any points earned through classroom activities during a time of absence will **NOT** be earned and cannot be made up.

Points for class attendance and participation are positively impacted by:

1. Attending class and being psychologically available to learn
2. Completing and handing in all class assignments
3. Participating in class discussions/activities
4. Thoughtfully contributing to class discussions
5. Listening to the ideas of other peers
6. Demonstrating an enthusiasm for learning.

Participation points are negatively affected by being late to class, demonstrating a disinterest in the material/discussions (e.g., reflection activities, small group activities, discussions, etc.), and/or absences. Points are also deducted for a lack of digital etiquette during class sessions.

***NOTE:** All assignments should reflect graduate-level spelling, syntax, and grammar, as well as APA style guidelines. If you experience difficulties with the writing process, you will be required to document your work with the GMU Writing Center during this course to improve your skills.

Summary of Assignments

	Assignment	Individual	Small Group	Total Points	Due Date
1	Unit Plan		X	40	11/15
2	Secondary Issues Presentation		X	25	12/6 or 12/13
3	Resource Guide	X		15	9/20
4	Blackboard Quiz	X		10	10/18
5	Attendance, Participation, and Reading Checks	X		10	Throughout
Total Points: 100					

Course Policies and Expectations Attendance/Participation

Attendance

Students are expected to (a) attend all classes during the course, (b) arrive on time, (c) stay for the duration of the class time, and (d) complete all assignments. Attendance, timeliness, and professionally relevant- active participation are expected. Attendance and professional participation at all sessions is very important because many of the activities in class are planned in such a way that they cannot necessarily be recreated outside of the class session. Be aware that any points earned for participation in class activities during a time of absence will not be earned and cannot be made up. **One absence will result in 0 points deducted from your overall grade. Two absences will result in a loss of 11 points; three or more absences will result in a loss of 21 points. Repeated tardiness and/or leaving early will result in a loss of 3 points per incidence. If you have perfect attendance throughout the semester, you will receive 1 extra credit point.** Please notify me *in advance* by email if you will not be able to attend class.

Note: It is impossible to participate fully in this class while texting, tweeting, working on documents, etc. Please be *fully* present in class ☺

Participation.

You are expected to be present, prepared, and exhibit professional dispositions for each class session. Activities resulting in points toward your final grade will be completed during class sessions. Quality of product and completion of the activity within class will impact points earned. **Points missed due to absences during class activities can not be made up.**

Quality participation includes:

- (a) Arriving on time, including back from break(s),

- (b) Staying in the classroom/activity area for the duration of the class time,
- (c) Participating in all class activities (face-to-face and outside of class, including by electronic means)
- (d) Having on hand all materials required for the class session as per course assignments and the syllabus

Late Work

All assignments are due on the dates indicated. Consult with me ***in advance*** if there is a problem. In fairness to students who make the effort to submit papers on time, 5 points per day will be deducted from your assignment grade for late papers **unless** I have agreed to an extension (may be used **one time** only for **one assignment only**). Maximum extension is 1 week. Please retain a copy of your assignments in addition to the one you submit.

Other Requirements

This is a 3-credit graduate level course. Traditionally, 3-credit courses across a 15-week semester require an average of 45 hours of in-class time and approximately 90 hours of independent reading and assignment completion. Be prepared to put in that amount of time into this class and plan your schedule accordingly.

Some assignments require you to synthesize material from the course and outside sources into coherent statements of your ideas. In such cases, your writing should be databased– meaning that you must support statements and ideas with evidence from these sources, giving these sources credit. The standard format for writing in the field of education is outlined in the *Publication Manual of the American Psychological Association, 6th edition* (www.apastyle.org). Specifically, the final version of your Instructional Program should be written in APA style, including a cover page, running head, pagination, headings (as needed), citations (as needed), and reference pages. The citation for this manual is included in the section entitled “Recommended Texts”. For an online resource, see www.apastyle.org.

It is expected that you know how to paraphrase and cite information appropriately to meet both APA guidelines and to avoid plagiarism. This website provides some useful information on how to avoid plagiarism in your writing: <http://www.plagiarism.org/>

Communication.

The most efficient way to contact me is through email. I check email daily Monday-Friday from 9:00am-9:00pm. If your email reaches me during this period of time, I will respond immediately. Otherwise, I will respond within 24 hours during the week. Keep in mind that I teach from 4:30- 8:30pm. On weekends, I check my Mason account on Sunday evenings and will respond to all emails received then. Do not email me an hour before an assignment is due and expect a response. If you would prefer to meet with me either before or after class (or at another time during the day), please do not hesitate to contact me.

Written Language: Students at the graduate level are expected to compose with accuracy

(grammar, spelling, other mechanics, form, structure, etc.) and at a conceptual level commensurate with advanced degree study. APA Style is the standard format for any written work in the College of Education and Human Development. If you are unfamiliar with APA format, it would benefit you to purchase the current edition of the Publication Manual of the American Psychological Association. You are required to use APA guidelines for all course assignments as noted in the assignment descriptions. This website links to APA format guidelines: <http://apastyle.apa.org> .

Oral Language: Use “person-first language” in class discussions and written assignments (and, ideally, in professional practice). In accordance with terminology choices in the disability community, strive to replace the term “Mental Retardation” with “Intellectual Disabilities” in oral and written communication and to avoid language labels by stating, for example, a “student with disabilities” (SWD) rather than a “disabled student”. Please refer to guidelines for non handicapping language in APA Journals, including information available at: <http://www.apa.org/pi/disability/resources/policy/resolution-ada.pdf> and <http://supp.apa.org/style/pubman-cho3.15.pdf> .

Inclement Weather

If classes are cancelled at George Mason University, a message will be posted on the class Blackboard site and all class members will receive an email. Because such cancellations are often at the last minute, it may be difficult to get this message prior to leaving for class. If in doubt, dial the University phone number (703-993-1000) or visit the university website (www.gmu.edu). I will email you regarding weather as soon as it is announced. *Please note, the cancellation of classes due to inclement weather is determined by the decision of the instructing university only. If the instructing university is open and operational, then you are expected to attend class.*

Grading Scale

95-100% = A
90-94% = A-
80-89% = B
70-79% = C
< 70% = F

*Note: The George Mason University Honor Code will be strictly enforced. Students are responsible for reading and understanding the Code. “To promote a stronger sense of mutual responsibility, respect, trust, and fairness among all members of the George Mason University community and with the desire for greater academic and personal achievement, we, the student members of the university community, have set forth this honor code: Student members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.” Work submitted must be your own or with proper citations (see <http://oai.gmu.edu/the-mason-honor-code/>).

Professional Dispositions

Students are expected to exhibit professional behaviors and dispositions at all times.

Class Schedule

*Note: Faculty reserves the right to alter the schedule as necessary, with notification to students.

Please come to class prepared with the week's handouts electronically downloaded or as hard copies (whichever works best for you).

Date	Agenda	Readings to be done in advance of this class	Assignments Due on Blackboard by 4:30pm on this date
8/30	<ul style="list-style-type: none"> • Syllabus and Course Expectations • Nature of Adolescent Learners • Watch Frontline video: "Inside the Teenage Brain" https://www.pbs.org/wgbh/pages/frontline/shows/teenbrain/view/ 		
9/6	<ul style="list-style-type: none"> • Lesson and Unit Planning for Secondary Classrooms • In class activity: "What Makes a Good High School" by Brigham, Morocco, Clay, & Zigmond: Read and discuss • In class activity: Content Unit Discussion. Select small group, SOL and VDOE Lesson Plan to work with. 	Review Archer and Hughes (2011): Chapter 1	
9/13	<ul style="list-style-type: none"> • Effective Instructional Models including Direct Instruction, Co-Teaching, and Peer-Tutoring <input type="checkbox"/> • Effective Teacher Behaviors including 	"Don't water down! Enhance! Content learning through the unit organizer routine" by Boudah et al. (2000) <input type="checkbox"/>	

	<p>Asking Questions and Providing Constructive Feedback</p> <ul style="list-style-type: none"> In Class Activity: Unit Planning Visual Organizer Development 	<p>Please bring your laptop with the Unit Planning Visual organizer (leave it blank so that you can work with your group during class to complete the organizer) <input type="checkbox"/></p>	
9/20	<ul style="list-style-type: none"> Supporting Vocabulary and Reading Comprehension Collaborative Strategic Reading In Class Activity: Development of Adapted Lesson Plan 	<p>Review Archer and Hughes (2011): Chapter 3</p>	Resource Guide
9/27	<ul style="list-style-type: none"> Supporting Written Language Supporting Note Taking In Class Activity: Development of Original Lesson Plans 	<p>“Self-regulated strategy development for students with writing difficulties” by Mason, Harris, & Graham (2011).</p>	
10/4	<ul style="list-style-type: none"> Delivering Instruction: Eliciting Responses 	<p>Archer and Hughes (2011): Chapter 6</p>	
10/11	<ul style="list-style-type: none"> Other critical delivery skills Monitoring student behavior Immediate affirmative and corrective feedback Developing lessons at a brisk pace 	<p>Archer and Hughes (2011): Chapter 7</p>	
10/18	<ul style="list-style-type: none"> ONLINE CLASS: No face-to-face meeting 	<p><input type="checkbox"/> <input type="checkbox"/></p>	Blackboard Quiz
10/25	<ul style="list-style-type: none"> Teaching Mathematics IRIS Module: High-Quality Mathematics Instruction: What Teachers Should Know In Class Activity: Assessment Development 	<p>Review Archer and Hughes (2011) Chapter 2 and Application 2.3 (pg. 41)</p>	

11/1	<ul style="list-style-type: none"> Supporting Content Area Instruction In Class Activity: Putting It All Together 	“Science education and students with learning disabilities” by Brigham, Scruggs and Mastriopieri (2011).	
11/8	<ul style="list-style-type: none"> Supporting Content Area Instruction In Class Activity: Putting It All Together 	“Peer-mediated instruction in inclusive secondary social studies learning: Direct and indirect learning effects” by Scruggs, Mastriopieri and Marshak (2011).	
11/15	<ul style="list-style-type: none"> Supporting Memory and Organization Study Skills 	TBD	Unit Plan
11/29	<ul style="list-style-type: none"> Case Study: Film & Analysis 		
12/6	<ul style="list-style-type: none"> Group Presentations 		Group Presentations
12/13	<ul style="list-style-type: none"> Group Presentations Course Evaluations 		Group Presentations

Core Values Commitment

The College of Education and Human Development is committed to collaboration, ethical leadership, innovation, research-based practice, and social justice. Students are expected to adhere to these principles: <http://cehd.gmu.edu/values/>

GMU Policies and Resources for Students

Policies

- Students must adhere to the guidelines of the Mason Honor Code (see <http://oai.gmu.edu/the-mason-honor-code/>).
- Students must follow the university policy for Responsible Use of Computing (see <http://universitypolicy.gmu.edu/policies/responsible-use-of-computing/>).
- Students are responsible for the content of university communications sent to their Mason email account and are required to activate their account and check it regularly. All communication from the university, college, school, and program will be sent to students **solely** through their Mason email account.

- Students with disabilities who seek accommodations in a course must be registered with George Mason University Disability Services. Approved accommodations will begin at the time the written letter from Disability Services is received by the instructor (see <http://ods.gmu.edu/>).
- Students must follow the university policy stating that all sound emitting devices shall be turned off during class unless otherwise authorized by the instructor.

Campus Resources

- Support for submission of assignments to Tk20 should be directed to tk2ohelp@gmu.edu or <https://cehd.gmu.edu/aero/tk20>. Questions or concerns regarding use of Blackboard should be directed to <http://coursesupport.gmu.edu/>.
- The Writing Center staff provides a variety of resources and services (e.g., tutoring, workshops, writing guides, handbooks) intended to support students as they work to construct and share knowledge through writing (see <http://writingcenter.gmu.edu/>).
- The Counseling and Psychological Services (CAPS) staff consists of professional counseling and clinical psychologists, social workers, and counselors who offer a wide range of services (e.g., individual and group counseling, workshops and outreach programs) to enhance students' personal experience and academic performance (see <http://caps.gmu.edu/>.) to enhance students' personal experience and academic performance (see <http://caps.gmu.edu/>).
- The Student Support & Advocacy Center staff helps students develop and maintain healthy lifestyles through confidential one-on-one support as well as through interactive programs and resources. Some of the topics they address are healthy relationships, stress management, nutrition, sexual assault, drug and alcohol use, and sexual health (see <http://ssac.gmu.edu/>). Students in need of these services may contact the office by phone at 703-993-3686. Concerned students, faculty and staff may also make a referral to express concern for the safety or well-being of a Mason student or the community by going to <http://ssac.gmu.edu/make-a-referral/>.

For additional information on the College of Education and Human Development, please visit our website <https://cehd.gmu.edu/>.

Appendix

Assessment Rubric(s)

Lesson Planning Assessment

Scoring Guidelines

4-Exceeds Standard: Candidates receive a score of 4 if they perform beyond the expectations of candidates at this point in their programs. There is evidence that candidates have done additional research, identified additional resources, and/or demonstrate exceptional understanding and application of the standard.

3-Meets Standard: This is the **TARGET** score. This score reflects that candidates have met the standard at the level expected at this point in their program. Candidates who receive a 3 have successfully met the standard.

2-Approaching Standard: Candidates receive this score when their understanding and effort does not meet the Target but shows basic understanding of the content being assessed.

1-Does not meet standard: Candidates who do not submit work, and/or who submit work that is clearly below the expectations for a candidate at this point in their program.

Criteria	Does Not Meet Standard 1	Approaching Standard 2	Meets Standard 3	Exceeds Standard 4
Section 1: CLASSROOM CONTEXT				
The candidate identifies individual and group prerequisites in order to design instruction to meet learners' needs in the following areas of development (Cognitive, linguistic, social, emotional, and physical).	The candidate does not design instruction to meet learners' needs in each area of development.	The candidate identifies individual or group prerequisites to design instruction that meet learner needs in some areas of development.	The candidate identifies individual and group prerequisites to design instruction that meet learner needs in each area of development.	The candidate identifies specific individual and group prerequisites to design effective instruction to meet learner needs in each area of development. The candidate includes strategies to address these prerequisites within the lesson, as well

Criteria	Does Not Meet Standard 1	Approaching Standard 2	Meets Standard 3	Exceeds Standard 4
InTASC 1 VDOE 1 Diversity 				as anticipated learner responses to these strategies.
Section 2: PLANNING FOR INSTRUCTION				
The candidate identifies performance-based objectives and/or appropriate curriculum goals/outcomes that are relevant to learners. InTASC 7 VDOE 2	The candidate does not identify performance-based objectives and appropriate curriculum goals/outcomes that are relevant to learners.	The candidate identifies objectives and appropriate curriculum goals/outcomes but they are not appropriate for the subject, grade level, or the learners.	The candidate identifies performance-based objectives and appropriate curriculum goals/outcomes which are appropriate for the subject, grade level, or the learners.	The candidate identifies well-developed, performance-based objectives, curriculum goals/outcomes that are appropriate for subject and/or grade level and learners ; correctly formulated; and address multiple areas of relevance to the learners.
The candidate identifies national/state/local standards that align with objectives, are appropriate for curriculum goals, and are relevant to learners. InTASC 7	The candidate does not identify national/state/local standards that align with the objectives/goals/ outcomes or the standards are not appropriate for curriculum goals or are not relevant to learners.	The candidate identifies national/state/ local standards but the standards are not aligned with the objectives/goals/ outcomes and/or marginally relevant to learners.	The candidate identifies national/state/ local standards that are aligned with the objectives/goals/ outcomes and relevant to learners.	The candidate identifies national/state/ local standards that are clearly aligned with the objectives/goals/ outcomes and relevant to learners.

Criteria	Does Not Meet Standard 1	Approaching Standard 2	Meets Standard 3	Exceeds Standard 4
<p><i>VDOE 2</i></p> <p>Diversity</p> 				The candidate provides a statement of rationale for the alignment of these goals with the learning objective.
<p>The candidate creates learning experiences that make content accessible and meaningful for learners to ensure content mastery.</p> <p><i>InTASC 4</i></p> <p><i>VDOE 1</i></p> <p>Diversity</p> 	Candidate conveys a negative attitude toward the content and suggests that the content is not important or was mandated by others.	<p>Candidate communicates importance of the work but with little conviction and only minimal apparent buy-in by the learners.</p> <p>Candidate accepts responsibility for the success of learning but has only a limited repertoire of instructional strategies.</p>	Candidate conveys enthusiasm for the content, and learners demonstrate commitment to its value. Candidate accepts responsibility for the success of all learners through a repertoire of instructional strategies.	Candidate conveys genuine enthusiasm for the content, and learners demonstrate consistent commitment to its value. Learners demonstrate through their active participation, curiosity, and taking initiative that they value the importance of the content.
<p>The candidate organizes and creates face-to-face and virtual environments that support individual and collaborative learning.</p> <p><i>InTASC 3</i></p> <p><i>VDOE 5</i></p>	There is little, if any, evidence of routines, procedures, or proactive actions to establish a climate for learning.	Candidate recognizes the value of a learner-centered classroom but the application of these tenets are not applied in all management situations.	The classroom is a learner-centered environment that is a safe and positive environment for learning. The classroom environment supports individual and collaborative learning.	The classroom conveys a safe, positive, and inclusive environment that is learner-centered, supports individual and collaborative learning and meets the needs of both the group and individual learners. Structures are incorporated that enable learners to guide their own

Criteria	Does Not Meet Standard 1	Approaching Standard 2	Meets Standard 3	Exceeds Standard 4
Technology 				learning experiences.
<p>The candidate seeks appropriate ways to employ technology to engage learners and to assess and address learner needs.</p> <p><i>InTASC 6</i></p> <p><i>VDOE 4</i></p> <p>Technology</p>  <p>Diversity</p> 	The candidate does not identify appropriate technology to engage learners even though it was available.	The candidate identifies technology to engage learners though the technology would be ineffective to teach the content and address learner needs.	The candidate identifies appropriate technology to engage learners more fully, assess, and address learner needs.	The candidate identifies effective and appropriate technology to engage learners more fully, assess, and creatively meet learning needs.
<p>The candidate facilitates learners' use of appropriate tools and resources to maximize content learning in varied contexts.</p> <p><i>InTASC 5</i></p> <p><i>VDOE 2</i></p>	The candidate's plans do not provide evidence of opportunities for learners' use of appropriate tools or technology resources to maximize content learning in varied contexts.	The candidate's plans provide evidence of opportunities for learners' use of appropriate tools and resources but are ineffective to maximize content learning in varied contexts.	The candidate's plans provide evidence of opportunities for learners' use of appropriate tools and resources that are effective to maximize content learning in varied contexts.	The candidate's plans provide substantial evidence of multiple opportunities for learners' use of appropriate tools and resources that are creative and effective to maximize content learning in varied contexts.

Criteria	Does Not Meet Standard 1	Approaching Standard 2	Meets Standard 3	Exceeds Standard 4
Technology  College-and-Career-Ready 				
The candidate plans how to achieve learning goals, choosing accommodations to differentiate instruction for individuals and groups of learners. <i>InTASC 7</i> <i>VDOE 2</i> 	<p>The candidate’s lesson plan does not provide evidence of differentiating instruction for individuals and groups of learners.</p>	<p>The candidate’s lesson plan provides evidence of an effort to meet learning goals, and attempts to differentiate instruction for individuals and groups of learners.</p>	<p>The candidate’s lesson plan provides evidence of successfully meeting learning goals for each learner, and successfully instruction for individuals and groups of learners.</p>	<p>The candidate’s lesson plan provides evidence of successfully meeting each learning goal for each learner, and successfully differentiates instruction for individuals and groups of learners.</p> <p>Reflection on why this differentiation was successful is included.</p>
The candidate plans instruction based on pre-assessment data, prior learning knowledge and skill. <i>InTASC 7</i> <i>VDOE 2</i>	<p>The candidate does not plan instruction based on pre-assessment data, prior learning knowledge, or skills.</p>	<p>The candidate plans instruction based on pre-assessment data, prior learning knowledge, and skills but it was not effective.</p>	<p>The candidate plans instruction based on pre-assessment data, prior learning knowledge, and skills.</p> <p>Pre-assessment strategies/methods are appropriate and effectively assess learners’ prior knowledge.</p>	<p>The candidate plans instruction based on pre-assessment strategies/methods that are creative and effective ways to assess learner prior knowledge and skills and to guide instruction.</p>

Section 3: INSTRUCTION

Criteria	Does Not Meet Standard 1	Approaching Standard 2	Meets Standard 3	Exceeds Standard 4
<p>The candidate develops appropriate sequencing and pacing of learning experiences and provides multiple ways to demonstrate knowledge and skill.</p> <p><i>InTASC 7</i> <i>VDOE 2</i></p>	<p>The candidate does not plan for appropriate sequencing and pacing of learning experiences.</p> <p>Tasks, methods, strategies are not stated.</p>	<p>The candidate plans for appropriate sequencing and pacing of learning experiences; but tasks, methods and strategies are not stated and/or not appropriate or effective for the lesson.</p>	<p>The candidate plans for appropriate sequencing and pacing of learning experiences. All tasks, methods, and strategies are stated and/or are appropriate and effective for the lesson.</p>	<p>The candidate plans for appropriate sequencing and pacing of learning experiences. Instructional tasks, methods, and strategies include a variety of creative, active learning, instructional strategies that address learner differences to maximize learning.</p>
<p>The candidate uses a variety of instructional strategies to encourage learners to develop an understanding of the content and to apply knowledge in meaningful ways.</p> <p><i>InTASC 8</i> <i>VDOE 3</i></p>	<p>The instructional strategies used by the candidate do not encourage an understanding of content .</p>	<p>The candidate uses a limited instructional strategies to encourage learners to develop an understanding of the content.</p>	<p>The candidate uses a variety of instructional strategies that encourage learners to develop an understanding of the content and to apply that knowledge in meaningful ways.</p>	<p>The candidate uses pedagogical content knowledge to use a variety of instructional strategies that encourage all learners to develop both an understanding of the content and apply knowledge that in authentic ways.</p>
<p>The candidate engages learners in multiple ways of demonstrating knowledge and skill as part of the assessment process.</p>	<p>The candidate does not use assessment as closure to check for comprehension and learner knowledge and skills.</p>	<p>The candidate uses assessment as closure to demonstrate knowledge and skills to check for comprehension however, they are inappropriate</p>	<p>The candidate uses appropriate assessment strategies as closure to allow learners to demonstrate knowledge and skills to check for understanding.</p>	<p>The candidate uses creative, appropriate assessments throughout the lesson to allow learners to demonstrate knowledge and</p>

Criteria	Does Not Meet Standard 1	Approaching Standard 2	Meets Standard 3	Exceeds Standard 4
<i>InTASC 6</i> <i>VDOE 4</i>		and/or ineffective (or misaligned).		skills to check for comprehension.
The candidate designs assessments that match learning objectives with assessment methods. <i>InTASC 6</i> <i>VDOE 4</i>	The candidate's lesson design does not include post-assessment strategies or methods.	The candidate's lesson design includes post-assessment strategies or methods but the strategies/methods were not effective.	The candidate's lesson design includes post-assessments that are appropriate to effectively assess learning.	The candidate's ongoing assessments and post-assessment matches learning objectives and includes creative strategies to effectively assess learning and check comprehension throughout the lesson.
Section 4: REFLECTION: IMPACT ON LEARNING				
The candidate understands and knows how to use a variety of self-assessment and problem-solving strategies to analyze and reflect on his/her practice and to plan for adaptations/adjustments. <i>InTASC 9</i> <i>VDOE 6</i>	The candidate's reflection does not demonstrate the use of self-assessment or problem-solving strategies to analyze and reflect on his/her practice.	The candidate's reflection demonstrates the use of self-assessment and/or problem-solving strategies to analyze and reflect on his/her practice but does not plan for adaptations/adjustments.	The candidate's reflection demonstrates a variety of self-assessment and problem-solving strategies to analyze and reflects on his/her practice and to plan for adaptations/adjustments.	The candidate's reflection demonstrates the application of a variety of appropriate self-assessment and problem-solving strategies to analyze and reflect on his/her practice and to effectively plan for adaptations/adjustments.

Assessment #3 Secondary Curriculum Unit Plan

	Does Not Meet Expectations 1	Meets Expectations 2	Exceeds Expectations 3
<p>Curriculum Analysis</p> <p>CEC/IGC Standard 3</p> <p>Candidate uses knowledge of general and specialized curricula to individualize learning for individuals with exceptionalities.</p>	<ul style="list-style-type: none"> • Candidate does not clearly identify a secondary grade level, content area, AND/OR one standard (and/or component thereof) from a specific state or common general curriculum (i.e., Virginia Standards of Learning). • Candidate does not clearly identify and describe ANY of the following related to the standard: <ul style="list-style-type: none"> ○ Critical concepts, ○ Critical vocabulary, or ○ Skills (e.g., what the student must do to acquire, organize, recall, and/or express mastery of the information) Required for a student to meet the standard. • Candidate identifies and/or describes critical concepts, critical vocabulary, or skills that are irrelevant to the identified standard. 	<ul style="list-style-type: none"> • Candidate clearly identifies a secondary grade level, content area, and one standard (and/or component thereof) from a specific state or common general curriculum (i.e., Virginia Standards of Learning). • Candidate clearly identifies, describes, and prioritizes the relevant: <ul style="list-style-type: none"> ○ Critical concepts, ○ Critical vocabulary, and ○ Skills (e.g., what the student must do to acquire, organize, recall, and/or express mastery of the information) Required for a student to meet the standard. 	<ul style="list-style-type: none"> • Candidate clearly identifies a secondary grade level, content area, and one standard (and/or component thereof) from a specific state or general curriculum (i.e., Virginia Standards of Learning). • Candidate clearly identifies, describes, and prioritizes the relevant: <ul style="list-style-type: none"> ○ Critical concepts, ○ Critical vocabulary, and ○ Skills (e.g., what the student must do to acquire, organize, recall, and/or express mastery of the information) Required for a student to meet the standard. • Candidate provides further evidence of task analysis of the standard by: <ul style="list-style-type: none"> ○ Identifying priorities or sequencing of the critical content, ○ Identifying ways to organize the critical content, OR ○ Identifying sources of specialized materials, curriculum, or resources related to the critical content.
<p>Development of Unit Planning Visual Organizer</p> <p>CEC/IGC Standard 3</p> <p>Candidate uses knowledge of general and specialized curricula to individualize learning</p>	<ul style="list-style-type: none"> • Candidate develops a unit planning visual organizer which omits any of the following: <ul style="list-style-type: none"> ○ make explicit connections between prior knowledge and future learning (scope and sequence); ○ make connections between essential concepts; ○ identify, prioritize and sequence key concepts from the unit; and ○ identify questions that students should be able to answer at the end of the unit to 	<ul style="list-style-type: none"> • Candidate develops a unit planning visual organizer which: <ul style="list-style-type: none"> ○ makes explicit connections between prior knowledge and future learning (scope and sequence), ○ makes connections between essential concepts, ○ identifies, prioritizes and sequences key concepts from the unit, and ○ identifies questions that students should be able to answer at the end of the unit to 	<ul style="list-style-type: none"> • Candidate develops a unit planning visual organizer which: <ul style="list-style-type: none"> ○ makes explicit connections between prior knowledge and future learning (scope and sequence), ○ makes connections between essential concepts, ○ identifies, prioritizes and sequences key concepts from the unit, and ○ identifies questions that students should be able to answer at the end of

	Does Not Meet Expectations 1	Meets Expectations 2	Exceeds Expectations 3
for individuals with exceptionalities.	demonstrate deep understanding of the unit concepts.	demonstrate deep understanding of the unit concepts.	the unit to demonstrate deep understanding of the unit concepts. <ul style="list-style-type: none"> • Candidate explicitly connects organizer components to state standards or provides for enrichment.
Adaptation of Lesson Plan CEC/IGC Standard 5 Candidate selects, adapts, and uses a repertoire of evidence-based instructional strategies to advance learning of individuals with exceptionalities.	<ul style="list-style-type: none"> • Candidate fails to do any of the following: <ul style="list-style-type: none"> ○ identify essential concepts and vocabulary likely to require adaptation. ○ select and adapt instructional strategies and materials according to the interaction of learners’ academic and social abilities, attitudes, interests, and values and the demands of instruction. ⊖ adapt lesson plans to include research supported teaching methods that focus on teaching essential concepts, vocabulary and content across the general curriculum AND/OR age and ability appropriate instruction and specialized instructional strategies appropriate to the abilities and needs of the learners with exceptionalities. 	<ul style="list-style-type: none"> • Candidate identifies which essential concepts and vocabulary are likely to require adaptation. • Candidate selects and adapts instructional strategies and materials according to the interaction of learners’ academic and social abilities, attitudes, interests, and values and the demands of instruction. • Candidate adapts lesson plans to include research supported teaching methods that focus on teaching essential concepts, vocabulary and content across the general curriculum, age and ability appropriate instruction and specialized instructional strategies appropriate to the abilities and needs of the learners with exceptionalities. • Candidate integrates task analysis into the lesson plans. 	<ul style="list-style-type: none"> • Candidate identifies which essential concepts and vocabulary are likely to require adaptation. • Candidate selects and adapts instructional strategies and materials according to the interaction of learners’ academic and social abilities, attitudes, interests, and values and the demands of instruction. • Candidate adapts lesson plans to include research supported teaching methods that focus on teaching essential concepts, vocabulary and content across the general curriculum, age and ability appropriate instruction and specialized instructional strategies appropriate to the abilities and needs of the learners with exceptionalities. • Candidate integrates task analysis into the lesson plans. • Candidate includes a detailed and specific rationale for the changes made/selection of adaptations.

	Does Not Meet Expectations 1	Meets Expectations 2	Exceeds Expectations 3
<p>Lesson Plan Development</p> <p>CEC/IGC Standard 5</p> <p>Candidate selects, adapts, and uses a repertoire of evidence-based instructional strategies to advance learning of individuals with exceptionalities.</p>	<ul style="list-style-type: none"> • Candidate prepares incomplete lesson plans that fail to utilize a repertoire of evidence-based practices to individualize instruction and emphasize the development, maintenance, and generalization of knowledge and skills across environments and settings. • Candidate fails to focus lesson plans on teaching essential concepts, vocabulary, and content across the general curriculum AND/OR include age and ability appropriate instruction AND/OR use specialized instructional strategies appropriate to the abilities and needs of the learners with exceptionalities. 	<ul style="list-style-type: none"> • Candidate prepares comprehensive lesson plans that <ul style="list-style-type: none"> ○ utilize a repertoire of evidence-based practices to individualize instruction, and ○ emphasize the development, maintenance, and generalization of knowledge and skills for an individual with an exceptionality across environments and settings. • Candidate focuses lesson plans on <ul style="list-style-type: none"> ○ teaching essential concepts, vocabulary, and content across the general curriculum, ○ includes age and ability appropriate instruction and ○ uses specialized instructional strategies appropriate to the abilities and needs of the individual with an exceptionality. • Candidate integrates instructional or assistive technology into the lesson plans. 	<ul style="list-style-type: none"> • Candidate prepares comprehensive lesson plans that utilize a repertoire of evidence-based practices to individualize instruction and emphasize the development, maintenance, and generalization of knowledge and skills for an individual with an exceptionality across environments and settings. • Candidate focuses lesson plans on <ul style="list-style-type: none"> ○ teaching essential concepts, vocabulary, and content across the general curriculum, ○ including age and ability appropriate instruction and ○ using specialized instructional strategies appropriate to the abilities and needs of an individual with an exceptionality. • Candidate integrates task analysis and instructional or assistive technology into the lesson plans, as appropriate. • Candidate includes clear plans for connecting the concepts from one lesson to the next. • Candidate provides elaboration on the instructional strategies with explicit scholarly plans, materials, or links to future lessons.
<p>Assessments</p> <p>CEC/IGC Standard 4</p> <p>Candidate uses multiple methods of assessment and data sources in making educational decisions.</p>	<ul style="list-style-type: none"> • Candidate fails to develop two different assessments that accommodate the unique abilities and needs of individuals with exceptionalities <p>OR</p> <ul style="list-style-type: none"> • Candidate fails to develop two different assessments that effectively evaluate students' learning of the stated objectives and monitor progress in instruction. 	<ul style="list-style-type: none"> • Candidate describes and provides original sample questions for two different assessments for the unit that <ul style="list-style-type: none"> ○ 1. ONE: evaluates instruction of the stated learning objectives ○ 2. TWO: Monitors progress of an individual with an exceptionality during unit instruction • Candidate selects assessments to accommodate the unique abilities and needs of individuals with exceptionalities. 	<ul style="list-style-type: none"> • Candidate describes and provides original sample questions for two different assessments for the unit that <ul style="list-style-type: none"> ○ 1. ONE: evaluates instruction of the stated learning objectives ○ 2. TWO: Monitors progress of an individual with an exceptionality during unit instruction • Candidate selects assessments to accommodate the unique abilities and needs of individuals with exceptionalities.

	Does Not Meet Expectations 1	Meets Expectations 2	Exceeds Expectations 3
			<ul style="list-style-type: none"> • Candidate provides description of the implementation plan for the assessments AND provides a description of the utility of each item or clusters of items to instruction.