



George Mason University
College of Education and Human Development
Secondary Education

SEED 540 – DL1

Human Development, Learning and Teaching:

Secondary Education

3 Credits, Fall 2024

Asynchronous & Synchronous on select Thurs. (8/29, 10/17, 12/5)

@ 4:30

Instructor Information

Name: Andrew Porter, PhD
Office Hours: Virtual and by appointment or via Zoom
Personal Zoom: <https://gmu.zoom.us/j/2832963127?pwd= SXBPcjV2Mis5OW1zYVYk3SmhGb01Ddz09>
Office Location: Thompson Hall, 1800 (Fairfax Campus)
Office Phone: Please email to arrange a phone call
Email Address: aporter7@gmu.edu

Course Details

Prerequisites/Corequisites

None

Course Description

SEED 540 explores developmental issues associated with middle and high school students, and theories that provide a basis for understanding the learning process. Addresses implications for designing instruction and curriculum.

Course Overview

With respect to the intellectual, social, emotional and physical development of middle and high school students, this course further examines the processes and theories that provide a basis for understanding the learning process. Particular attention is given to constructivist theories and practices of learning, and the facilitation of critical thinking and problem solving. Processes of developing and learning are considered as they impact the design of instruction and the selection of curriculum. The course also explores the relation of theories of learning to the construction of learning environments, student motivation, classroom management, assessment and how technology supports teaching and learning.

Course Delivery Method

This course will be delivered online (76% or more) using [select either a synchronous or an asynchronous] format via Mason's Learning Management System (LMS). You will log in to the course site using your Mason email name (everything before @gmu.edu) and email password. The course site will be available on Wednesday, August 21st.

- To access this course in Blackboard Learn: <https://mymasonportal.gmu.edu/>

Under no circumstances may students participate in online class sessions while operating motor vehicles.

Learning Outcomes

This course is designed to enable students to do the following:

- Analyze different theoretical approaches that provide a basis for understanding human learning and development and consider implications for designing instruction and curriculum.
- Analyze different theoretical approaches that provide a basis for understanding human motivation and consider implications for designing instruction and curriculum.
- Analyze the concept of equity and consider implications for designing instruction and curriculum.
- Analyze different theoretical approaches to learning and teaching and consider implications for designing instruction and curriculum.

Required Texts

Eggen, P. D., & Kauchak, D. P. (2020). *Using educational psychology in teaching*. Hoboken, NJ: Pearson Education.

Gorski, P. C. & Pothini, S.G. (2018). *Case studies on diversity and social justice education*. New York: NY: Routledge.

*****NOTE: TEXT ACCESSIBLE FOR FREE VIA GMU LIBRARIES; SEE LINK BELOW FOR DETAILS**

https://wrlc-gm.primo.exlibrisgroup.com/discovery/fulldisplay?docid=cdi_askewsholts_vlebooks_9781351142519&context=PC&vid=01WRLC_GML:01WRLC_GML&lang=en&search_scope=MyInst and_CI&adaptor=Primo%20Central&tab=Everything&query=any,contains,Case%20Studies%20on%20Diversity%20in%20Social%20Justice%20Education .

Course Requirements

- **Technical Requirements**
 - To participate in this course, students will need to satisfy the following technical requirements:
 - High-speed internet access with updated browsers.
 - Blackboard Learn supported browsers:

https://help.blackboard.com/Learn/Student/Ultra/Getting_Started/Browser_Support

- Canvas supported browsers: <https://guides.instructure.com/a/720329>
- Consistent and reliable access to GMU email and the course LMS, as these are the official methods of communication for this course.
- Speakers and a microphone or a microphone-enabled headset for use with the synchronous web conferencing tools.
- Note that students may be asked to create logins and passwords on supplemental websites and/or to download trial software to their computer or tablet as part of course requirements.

Expectations

- Course Week:
Because asynchronous courses do not have a “fixed” meeting day, our week will start on [Thursday], and finish on [Wednesday].
- Log in Frequency:
Students must actively check the course LMS site and their GMU email for communications from the instructor, class discussions, and/or access to course materials at least 2 times per week. In addition, students must log in for all scheduled online synchronous meetings, if any.
- Participation:
Students are expected to actively engage in all course activities throughout the semester, which includes viewing all course materials, completing course activities and assignments, and participating in course discussions and group interactions.
- Technical Competence:
Students are expected to demonstrate competence in the use of all course technology. Students who are struggling with technical components of the course are expected to seek assistance from the instructor and/or College or University technical services.
- Technical Issues:
Students should anticipate some technical difficulties during the semester and should, therefore, budget their time accordingly. Late work will not be accepted based on individual technical issues.
- Workload:
Please be aware that this course is **not** self-paced. Students are expected to meet *specific deadlines* and *due dates* listed in the **Class Schedule** section of this syllabus. It is the student’s responsibility to keep track of the weekly course schedule of topics, readings, activities and assignments due.
- Instructor Support:
Students may schedule a one-on-one meeting to discuss course requirements, content or other course-related issues. Those unable to come to a Mason campus can meet with the instructor via telephone or web conference. Students should email the instructor to schedule a one-on-one session, including their preferred meeting method and suggested dates/times.

- Netiquette:

The course environment is a collaborative space. Experience shows that even an innocent remark typed in the online environment can be misconstrued. Students must always re-read their responses carefully before posting them, so as others do not consider them as personal offenses. *Be positive in your approach with others and diplomatic in selecting your words.* Remember that you are not competing with classmates, but sharing information and learning from others. All faculty are similarly expected to be respectful in all communications.

Course Performance Evaluation

Students are expected to submit all assignments on time in the manner outlined by the instructor.

Major Course Assignments

1. CFG Reflections /Protocol Adherence	20 points
2. Motivation paper	20 points
3. Equity Reflection	15 points
4. Theory to Practice Presentations	20 points
5. Lesson Plan Analysis & Application Project	25 points

Total **100 points**

SEED Grading Scales

Our program uses the grading scales below for all courses:

<u>Graduate</u>	<u>Undergraduate</u>
A = 95-100%	A = 93-100%
A- = 90-94%	A- = 90-92%
B+ = 87-89%	B+ = 86-89%
B = 83-86%	B = 82-85%
B- = 80-82%	B- = 80-81%
C = 70-79%	C = 70-79%
F = Below 70%	D = 60-69%
<i>B- or below is not a passing course grade for licensure</i>	F = Below 60%
	<i>Below C is not a passing course grade for licensure</i>

IN: Incomplete

AB: Absent with permission

Note: Maintain copies of all projects to document progress through the Secondary Education Program. Projects may become part of your professional portfolio, and useful when you have your own classroom.

Course Assignments

Assignment 1:

Critical Friendship Group Reflections and Protocol Adherence

Due: Weekly

Points: 20

Rationale: Continuous attendance, active participation in class activities and discussions, and adherence to protocol procedures are the attributes that allow these class sessions to be collaborative, maintain high standards, and encourage learning to take place. This course is designed to provide ongoing opportunities to learn through conversation. These conversations provide spaces for you to think out loud, to explore your conceptual understandings, to share uncertainties and successes, to ask questions, and to learn from each other. Like written assignments, class participation is both a central means of learning and an assessment tool.

Procedure: Rather than solely engaging in dialogue via required text discussion board, you will engage weekly with a Critical Friendship Group (stable group of peers). Your Critical Friendship Group (CFG) will determine when and how you engage with one another around the prompts for the week. Ideas include: synchronous virtual meet-ups via Zoom, Blackboard Collaborate Ultra, Skype, or Discord; asynchronous text communication via Group discussion board in BB, Google Docs, Slack, or Discord; asynchronous video chats via Flipgrid, etc. Most weeks, students are asked to submit a reflection form highlighting the main points of your CFG discussion as well as examining your own questions/thoughts on the content and dialogue. See BB for further details.

	Acceptable	Unacceptable
CFG Reflections	<ul style="list-style-type: none"> -participates <i>actively</i> in class discussions and activities (asks questions, engages in topics conversation, partakes in hands-on activities, etc...). -participation is respectful and inclusive of others in the class. -spends time only on the tasks associated with this course and the instructor's directions. -comes to class with knowledge of prepared readings and pre-class assignments - clear evidence of completion of course tasks -online classes: Student maintains video "on" status -follows GMU's policies on attendance and code of conduct as indicated in the University Catalog 	<ul style="list-style-type: none"> -does not participate <i>actively</i> in each class discussions and activities -participation is not respectful and inclusive of others in the class. -does not spend time only on the tasks associated with this course and the instructor's directions. -did not come to class with knowledge of prepared readings and pre-class assignments - no evidence of completion of course tasks -online classes: Student maintains video "off" status -does not follow GMU's policies on attendance and code of conduct as indicated in the University Catalog -absent from ____ class session -tardy to ____ class sessions -departed ____ class sessions early
PROTOCOL POLICY	<ul style="list-style-type: none"> -attention is focused on activities and discussion while in class: does not engage in personal emails, instant messaging, texting, social media, games, and web surfing, etc.... -electronic devices are off or in sleep mode unless using the device for notetaking -demonstrates ethical and responsible behavior in class and on the GMU network. -professional conduct in class by participating appropriately in conversation by using appropriate terms, being inclusive and respectful to the instructor and fellow classmates. -uses professional and ethical judgment when posting messages on social media networks. (NOTE: DO NOT post pictures of children or classmates on <u>any</u> social media platform.) -follows GMU's policies on attendance and code of conduct as indicated in the University Catalog 	<ul style="list-style-type: none"> -attention is NOT focused on activities and discussion while in class by activities such as: engages in personal emails, instant messaging, texting, social media, games, and web surfing. -does not demonstrate ethical and responsible behavior in class and on the GMU network. -does use mobile telephone to call or text -does not use professional and ethical judgment when posting messages on social media networks. -is not professional conduct in class by participating appropriately in conversation by using appropriate terms, being inclusive and respectful to the instructor and fellow classmates. -does not follow GMU's policies on attendance and code of conduct as indicated in the University Catalog

Assignment 2: Motivation Paper

Due: Wednesday, October 16th (11:59pm)

Points: 20

Rationale: For this assignment, you are asked to interview an adolescent about how motivation affects their learning and behavior. That is, what motivates this student to succeed? If needed, a teacher may also be interviewed to understand what motivational techniques work best in their classroom. Prior to your interview(s), be sure to read Chapters 10 & 11 (Eggen & Kauchak), which contain some theoretical underpinnings about motivation. Also, note that more than one individual may be interviewed if you would like to tie the stories together in a unique way.

Procedure: You should begin your paper with a general definition of motivation. Do your interviewee's experiences correspond with the formal definition? Also, consider two types of motivation: intrinsic and extrinsic. Finally, there are four (or more) different perspectives that can be considered when analyzing the nature of motivation:

- **Behavioral Perspective:** Rewards are consequences of behaviors. To the extent that learners find a reinforcement satisfying or desirable, they will engage in the behavior that leads to that response.
- **Humanistic Perspective:** Reaction against behaviorism. Thus, humanists believe that needs propel learners to see certain goals.
- **Social Cognitive Perspective:** Behavioral + cognitive aspects. Thus, learners must expect to achieve a goal, and they must value such an achievement.
- **Cognitive Perspective:** Focus on thinking. Thus, learners hold beliefs about their abilities to achieve a goal, and they must value such an achievement.

Finally, be sure to look at attribution theory and relate it to your interviewer's responses.

Additional Details:

- This paper should be five to ten pages in length (double-spaced).
- Please apply a minimum of ten psychological concepts in your writing.
- Since it is an interview, feel free to use quotations from your participant(s), but keep the identity of the participants anonymous by using a pseudonym.
- All written assignments must be typed.
- This paper should adhere to APA 7 style guidelines.
- All assignments must be submitted prior to the due date. Any work submitted after the due date must receive prior approval from instructor.
- In addition, all work submitted in this course must be your own or attributed to the proper author using the appropriate research reference format (APA Manual 7th ed.). Refer to the GMU Honor Code for further information.

Motivation Paper Rubric

	Mastery 5	Proficient 4.5	Developing 4.0	Not Yet Present 3.5 or below
Concepts ____ / 5 pts	The paper provides a clear and formal definition of motivation and whether or not the interviewee's experiences correspond to that definition. The paper includes at least ten psychological concepts with clear explanation of each concept.	For the most part, the paper provides a formal definition of motivation whether or not the interviewee's experiences correspond to that definition. The paper has most of the psychological concepts with clear explanations of each concept.	The paper somewhat provides a formal definition of motivation and whether or not the interviewee's experiences correspond to that definition. The paper has some of the psychological concepts with clear explanations of each concept.	The paper has limited or no definition of motivation. The paper has missing psychological concepts or they are not explained in detail.
Application ____ / 5 pts	The paper provides a clear explanation for at least three action steps you would take as a result of the interview to apply to your current or future classroom to support students.	For the most part, the paper provides a clear explanation for at least three action steps you would take as a result of the interview to apply to your current or future classroom to support students.	The paper somewhat provides an explanation for actions steps as result of the interview.	The paper has limited or little explanation of action steps that would be taken as a result of the interview.
Analysis ____ / 5 pts	The paper moves beyond simple description of the experience to an analysis of how the interview experience contributed to understanding yourself, others, and/or course concepts in at least three ways.	For the most part, the paper moves beyond simple description of the experience to an analysis of how the interview experience contributed to understanding yourself, others, and/or course concepts in three ways.	The paper demonstrates some analysis of how the interview experience contributed to understanding yourself, others, and/or course concepts, but lacks some depth or it is unfocused.	The paper has limited or little analysis of how the interview experience contributed to understanding yourself, others, and/or course concepts.
Professionalism ____ / 5 pts	The paper has no errors and properly cites APA if applicable.	The paper has few grammatical and APA errors.	The paper has some grammatical and APA errors.	The paper has many grammatical and APA errors.

Grade: ____ / 20 points

Assignment 3: Equity Reflection

Due: Wednesday, November 6th

Points: 15

Rationale: This assignment is an opportunity for you to reflect upon where you are on your own personal “equity journey.”

Procedure: This reflection should be a synthesis of class readings and discussions, personal connections and future goals to work on to support equity in your current or future classroom. You are asked to identify three distinct equity themes and reflect upon each one with respect to:

- 1. Evidence of Course Reading and Class Activities** – Introduce your equity theme and explain which readings and class activities (cite where appropriate) have helped to shape your thinking.
- 2. Personal Application (Metacognition)** – Explain how this equity theme can help you understand yourself as a professional learner, as well as others. Explain how this equity theme helps you understand/make sense of other concepts/ideas from this course.
- 3. Generalized Student Application** – Explain how you will apply what you have learned to a classroom setting or when working with adolescents.

You are encouraged to consult the course website on Blackboard for more information about this assignment and an optional template to help you organize your writing.

Additional Details:

- Students should complete the provided template to focus their thinking
- This paper should be a minimum of three to four pages
- All written assignments must be typed.
- All assignments must be submitted prior to the due date. Any work submitted after the due date must receive prior approval from instructor.
- In addition, all work submitted in this course must be your own or attributed to the proper author using the appropriate research reference format (APA Manual 7th ed.). Refer to the GMU Honor Code for further information.

Equity Reflection Rubric

	Mastery (5)	Proficient (4.5)	Developing (4)	Not Yet Present (3.5 or below)
Clarity and Evidence of Course Readings & Class Discussions _____ / 5 pts	The course readings and class discussions are synthesized to demonstrate a deep conceptual understanding of content and connections to equity .	Some course reading and class activities are discussed with an understanding of content and connections to equity . Minor, infrequent lapses in clarity and explanation.	There are some discussions about course readings and class activities with a limited understanding of content and connections to equity . There are some lapses in clarity and explanation.	There is little discussion about course readings and class activities with an understanding of content and connections to equity . There is little if any clarity and explanations.
Personal Application (Metacognition) _____ / 5 pts	The reflection moves beyond simple description of the understanding to an analysis of how the reading and class experiences contributed to understanding yourself, others, and/or course concepts.	Reflection demonstrates some analysis of the reading and class experience to understanding yourself, others, and/or course concepts, but analysis lacks depth or it is unfocused.	Reflection makes attempts at applying the learning experience by understanding yourself, others, and/or course but does not demonstrate any depth of analysis.	Reflection makes attempts at applying the learning experience by understanding yourself, others, and/or course but does not demonstrate any depth of analysis.
Generalized Student Application _____ / 5 pts	A clear connection to classroom application is made using specific details or examples.	Some connection to classroom application is made using specific details or examples.	A connection is vaguely made with generalized application.	A connection is lacking or missing to generalized application.

Grade: _____ / 15 pts Comments: _____

Assignment 4: Theory to Practice Presentation

Due: Wednesday, November 20th, 2024

Points: 20

Rationale: This formal presentation is an opportunity for you to explore your particular interests that extend beyond the syllabus and textbook and share your findings with the class.

Procedure: Each student will be asked to give a formal presentation about an area of Educational Psychology that interests them.

- **Research Process:**

- To begin the research process, each student should read the relevant chapter(s) in the textbook.
- Students should also find at least five articles, with at least two being scholarly research articles.
 - The scholarly articles must be published in scientific journals--e.g., *The Journal of Educational Psychology*, *Contemporary Journal of Educational Psychology*, *Educational Psychologist*, *Educational Researcher*, and *Instructional Science*.
 - Each student should identify and report on at least five articles in their presentation.
- The textbook, research articles, case studies, the internet, and other sources from this course may be used; however, do not just give a summary of information that we already know. The presentation's purpose is to delve deeper into a topic and make it relevant to classroom teachers. Search for the latest research on a particular topic and effectively defend your conclusions.

- **Presentation:**

- Each student will create a 10-minute presentation exploring their topic of interest.
- Students will record their presentations and upload them to the course blackboard site for peer review.
- Presentation should provide an abundance of material clearly related to the research topic presented.
- Points should be clearly made and evidence should be used to support claims/findings.
- Presentation should extend well beyond topics not addressed in class or text
- Information should be presented in a logical and interesting sequence, which the audience can follow.
- Presentation should incorporate excellent and relevant visuals with at least five references.
- The presentation should be conducted in a professional manner and include no grammar or APA errors.

Theory to Practice Presentation Rubric

	Mastery (5)	Proficient (4.5)	Developing (4.0)	Not Yet Present (3.5 or below)
Subject Knowledge (Presentation Content) _____ / 5 pts x 2 = 10 points	Presentation provides an abundance of material clearly related to the research topic presented. Points are clearly made and evidence is used to support claims/findings. Presentation extends well beyond topics not addressed in class or text.	For the most part, the presentation provides material that relates to the research topic presented. Points are made and evidence is used to support claims/findings. For the most part, the presentation includes aspects of topics not addressed in class or text.	The presentation somewhat provides material that relates to the research topic presented. Some points are made to support claims/findings. Some of the Presentation includes aspects of topics not addressed in class or text, but additional information would have added to the quality of the presentation.	Presentation provides material that relates to the research topic presented, but also includes unrelated material. Limited points are made and limited evidence is used to support claims/findings. Presentation includes few aspects of topics not addressed in class or text.
Presentation & Research _____ / 5 pts	Information is presented in a logical and interesting sequence, which the audience can follow. Presentation incorporates excellent and relevant visuals with at least five references.	For the most part, information is presented in a logical and interesting sequence, which the audience can follow. For the most part, visuals are incorporated into the presentation with five references.	The information is somewhat presented in a logical and interesting sequence, which the audience can follow. The visuals somewhat incorporate the presentation. However, some visuals may require explanations and inadequate research.	Audience has difficulty following the presentation because the presentation jumps around. The presentation lacks clear and smooth transitions. Visuals are used but not explained or put into context and little research is completed.
Professionalism _____ / 5 pts	The presentation is conducted in a professional manner. No grammar or APA errors.	For the most part, the presentation is conducted in a professional manner. Presentation may have minor grammatical or APA errors.	Presentation is somewhat professional. Presentation has some grammatical or APA errors.	Presentation is not conducted in a professional manner. Presentation has several misspelling and or grammatical errors.

Grade: _____ / 20 pts

Comments: _____

Assignment 5: Lesson Plan Analysis & Application Project

Due: Thursday, December 12th, 2024

Points: 25

Rationale: As the summative assessment for this course, *The Lesson Plan Analysis and Application Project* asks preservice teachers to analyze a lesson plan with respect to its connection to Educational Psychology. In their analysis, teacher candidates are asked to identify connections to the concepts and theories we have studied in this course, as well as identify potential revisions that they might make to improve the lesson plan from the perspective of theories in Educational Psychology.

1. Step 1: Effective Lesson Plan Selection (5 points)

- a. Preservice teachers are asked to select a 60- or 90-minute lesson plan that they have created or one they have revised.
- b. Lesson plans should: be realistic, include effective instructional practices, contain an opening, main activity, closing as well as a summative assessment.
- c. Selecting lesson plans created in other SEED courses IS PERMITTED

2. Step 2: Learning Theory Selection (5 points)

- a. Preservice teachers are asked to select one of the four main learning theories we have examined (Behaviorism, Social Cognitive Theory, Cognitive Learning Theory, Constructivism) and write a 1–2-page summary about the learning theory including:
 - i. A general overview
 - ii. The major concepts/components of the learning theory
 - iii. A rationale for why you endorse this learning theory

3. Step 3: Lesson Plan Analysis (5 points)

- a. Teacher candidates are asked to write a 1-2-page analysis of the lesson plan from the perspective of the learning theory they selected. Be sure to address:
 - i. In what specific ways does this lesson plan currently adhere to the learning theory you have selected? Explain.
 - ii. In what specific ways does this lesson plan currently contradict the learning theory you have selected? Explain.

4. Step 4: Application (5 points)

- a. Preservice teachers are asked to write 1-2 pages explaining how they might revise and improve their lesson plan from the perspective of the learning theory they selected. Be sure to address:
 - i. What are some specific changes you could make to this lesson plan to support student learning from the perspective of the learning theory you selected? Explain.
 - ii. What are some specific changes you could make to this lesson plan to support student motivation? Explain.

5. Step 5: Reflection (5 points)

- a. Preservice teachers are asked to write 1-2 pages reflecting upon this activity and this course. Be sure to include:
 - i. What are your main takeaways from this experience?

- ii. What are your main takeaways from this course?
- iii. How can Educational Psychology support effective instruction?

Additional Details:

- This paper should be a MINIMUM of six pages in length
- All written assignments must be typed.
- All written assignments must adhere to APA 7 style guidelines.
- All assignments must be submitted prior to the due date. Any work submitted after the due date must receive prior approval from instructor.
- In addition, all work submitted in this course must be your own or attributed to the proper author using the appropriate research reference format (APA Manual 7th ed.). Refer to the GMU Honor Code for further information.

Lesson Plan Analysis & Application Project Rubric

	Mastery (5)	Proficient (4.5)	Developing (4.0)	Not Present Yet (3.5 and below)
Step 1: Effective Lesson Plan Selection 5 points	A detailed 60 or 90 lesson plan is selected. The lesson plan includes effective instructional practices, is realistic and contains an opening, main activity, closing and a summative assessment.	A somewhat detailed 60 or 90 lesson plan is selected. The lesson plan may be fairly effective, somewhat realistic and includes an opening, main activity, closing and a summative assessment.	A 60 or 90 lesson plan is selected, but it may not be sufficiently detailed or effective. The lesson plan may not be sufficiently realistic and may or may not include an opening, main activity, closing and a summative assessment.	A lesson plan is not selected or it is not effective or detailed and is missing elements.
Step 2: Learning Theory Selection 5 points	A learning theory that we have examined in this course is selected and the 1-2 page summary includes a general overview of the learning theory, a thorough explanation of the major concepts & components and an effective rationale for why this learning theory was endorsed.	A learning theory that we have examined in this course is selected and the 1-2 page summary includes an overview of the learning theory, the major concepts & components and a rationale for why this learning theory was endorsed.	A learning theory is selected and the summary contains an overview of the learning theory, the major concepts & components and a rationale for why this learning theory was endorsed, but it may be brief or lack important information.	A learning theory that we have examined in this course is not selected.
Step 3:	A comprehensive and thoughtful analysis of	An analysis of the lesson plan is	Some analysis of the lesson plan is present	No meaningful analysis of the

<p>Lesson Plan Analysis</p> <p>5 points</p>	<p>the lesson plan is conducted from the perspective of the learning theory. The response is 1-2-pages and explicitly identifies and <u>explains</u> several ways in which the lesson plan adheres and possibly even contradicts with the learning theory.</p>	<p>conducted from the perspective of the learning theory. The response is 1-2-pages and identifies as well as explains several ways in which the lesson plan adheres and possibly even contradicts with the learning theory.</p>	<p>from the perspective of the learning theory. The response identifies as well several ways in which the lesson plan adheres and possibly even contradicts with the learning theory.</p>	<p>lesson plan is present.</p>
<p>Step 4: Application</p> <p>5 points</p>	<p>A thorough and comprehensive response offers a detailed explanation of how the lesson plan might be revised and improved from the perspective of the learning theory they selected. Responses are 1-2 pages and specifically include ways to support student learning as well as student motivation.</p>	<p>The response offers an explanation of how the lesson plan might be revised and improved from the perspective of the learning theory they selected. Responses include ways to support student learning as well as student motivation.</p>	<p>The response offers some explanation of how the lesson plan might be revised and improved from the perspective of the learning theory they selected. Responses include ways to support student learning as well as student motivation to some extent.</p>	<p>An explanation of how the lesson plan might be revised is not present.</p>
<p>Step 5: Reflection</p> <p>5 points</p>	<p>A thoughtful reflection includes if/how this activity contributed to professional growth. Reflection includes detailed takeaways from the assignment as well as course and an explanation of the impact upon their own professional growth.</p>	<p>A reflection includes if/how this activity contributed to professional growth. Reflection includes main takeaways from the assignment as well as course and an explanation of the impact upon their own professional growth.</p>	<p>Reflection is present and considers the impact on professional growth.</p>	<p>No meaningful reflection is present.</p>

_____ / 25 points

Student Work

- All submitted work must be typed unless otherwise indicated.
- Students enrolled in this course are expected to submit all assignments on time via Blackboard

Use of Generative-Artificial Intelligence (AI) Tools

- Use of Generative-AI tools should be used following the fundamental principles of the Honor Code. This includes being honest about the use of these tools for submitted work and including citations when using the work of others, whether individual people or Generative-AI tools.
- When explicitly stated by the instructor, Generative-AI tools are allowed on the named assignment. Students will be directed if and when citation or statement-of-usage direction is required. Use of these tools on any assignment not specified will be considered a violation of the academic integrity policy. All academic integrity violations will be reported to the office of Academic Integrity. Some student work may be analyzed using an originality detection tool focused on AI tools. Generative AI detection tool use will be revealed when the assignment directions are provided to students.

Professional Dispositions (CEHD Student Guide)

Throughout study in the College of Education and Human Development, students are expected to demonstrate behaviors that reflect the positive dispositions of a professional. See <https://cehd.gmu.edu/current-students/cehd-student-guide>.

Course Schedule

Note: Please see the lesson folder for each class in Blackboard to access the daily learning experiences. The readings are due by the date in the syllabus.

SEED 540 Unit 1: Developmental & Learning Theories			
Class Date & (Location)	Class Topic	Reading & Multimedia	Assignments
Class 1 8/29 (Zoom - Virtual)	Introductions & Course Overview	Chapter 1 (Eggen & Kauchack) Chapters 1-2 (Gorski & Pothini, 2018) Review APA format links in 'Additional Handout & Resources' Folder	Critical Friendship Group Reflection #1 Due Wednesday, 9/4
Class 2 9/5 (Asynchronous)	Developmental Characteristics and Theories	Chapter 2 & 3 (Eggen & Kauchack) Student Mental Health Presentation Review GMU Database videos in 'Additional Handout & Resources' Folder	Critical Friendship Group Reflection #2 Due Wednesday, 9/11 Identify 2 potential Theory to Presentation Topics
Class 3 9/12 (Asynchronous)	Learning Theories Part I: Behaviorism & Social Cognitive Theory	Chapter 6 (Eggen & Kauchack) 3.2 Trouble with Grit (Gorski & Pothini, 2018) 11.3 A Legacy of Privilege on the Soccer Pitch (Gorski & Pothini, 2018)	Critical Friendship Group Reflection #3 Due Wednesday, 9/18
Class 4 9/19 (Asynchronous)	Learning Theories Part II: Cognitive Learning Theories & Constructivism	Chapter 9 & 7 (Eggen & Kauchack) 3.5 Technology Progress, Equity Regress (Gorski & Pothini, 2018)	Critical Friendship Group Reflection #4 Due Wednesday, 9/25 Finalize Theory to Presentation Topics Identify person to Interview for Motivation Paper

SEED 540 Unit 2: Motivation			
Class Date & (Location)	Class Topic	Reading & Multimedia	Assignments
Class 5 9/26 (Asynchronous)	Motivation and Learning Strategies	Chapter 10 (Eggen & Kauchack) Lent & Gilmore, 2014 The Unmotivated Student Case Study	Critical Friendship Group Reflection #5 Due Wednesday, 10/2
Class 6 10/3 (Asynchronous)	Continuation Motivation and Learning Strategies	Chapter 11 (Eggen & Kauchak Tomlinson & Sousa, 2020 5.1 Protesting the Pledge (Gorski & Pothini) “Developing a Growth Mindset with Carol Dweck” “Every Kid Needs a Champion”	Critical Friendship Group Reflection #6 Due Wednesday, 10/9 Conduct Interviews for Motivation Paper
Class 7 10/10 (Asynchronous)	Independent Work Session	Work on Motivation Paper Work on Theory to Practice presentation Please complete the 3 online modules (Dyslexia, Military children part 1, Military children part 2) and submit a copies or pictures of all three certifications to Blackboard	NO CFG Reflection Due this week Module 1: Dyslexia https://www.doe.virginia.gov/teaching-learning-assessment/teaching-in-virginia/teacher-licensure/dyslexia-training Motivation Paper due to Blackboard on Wednesday, 10/16 (11:59pm)

SEED 540 Unit 3: Equity			
Class Date & (Location)	Class Topic	Reading & Multimedia	Assignments

<p>Class 8 10/17</p> <p>(Virtual Synchronous Zoom)</p>	<p>Equity</p>	<p>*READ BEFORE CLASS*</p> <p>Chapter 4 (Eggen & Kauchak)</p> <p>Rebora (2019)</p> <p>Benson & Fiarman (2019)</p> <p>5.4 Multicultural Day (Gorski & Pothini, 2018)</p> <p>6.1 Black Lives Matter (Gorski & Pothini, 2018)</p> <p>6.2 Teaching Race w/Huckleberry Finn (Gorski & Pothini, 2018)</p>	<p>Critical Friendship Group Reflection #7 Due 10/23</p>
<p>Class 9 10/24</p> <p>(Asynchronous)</p>	<p>Equity Continued: Teaching Every Student</p>	<p>Chapter 5 (Eggen & Kauchak)</p> <p>Laprairie, 2010</p> <p>Jensen, 2013</p> <p>8.1 Surprise Fire Drill (Gorski & Pothini, 2018)</p> <p>10.1 Student Interpreter (Gorski & Pothini, 2018)</p>	<p>Critical Friendship Group Reflection #8 Due 10/30</p>
<p>Class 10 10/31</p> <p>(Asynchronous)</p>	<p>Independent Work Session</p>	<p>Use this week to write your Equity Reflection</p>	<p>NO CFG Reflection Due this week</p> <p>VDOE Cultural Competency Training</p> <p>https://www.doe.virginia.gov/teaching-learning-assessment/teaching-in-virginia/teacher-licensure/cultural-competency-training</p> <p>Equity Reflection Due to Blackboard on WEDNESDAY 11/6 (11:59pm)</p>

<p>SEED 540</p> <p>Unit 4: Learning & Teaching</p>			
<p>Class Date & (Location)</p>	<p>Class Topic</p>	<p>Reading & Multimedia</p>	<p>Assignments</p>

<p>Class 11 11/7 (Asynchronous)</p>	<p>Learning Strategies and Teaching for Mastery</p>	<p>Chapter 12 & 13 (Eggen & Kauchak) Benn, 2018 Simmons, 2019 Proofreading Case Study</p>	<p>Critical Friendship Group Reflection #9 Due 4/10</p>
<p>Class 12 11/14 (Asynchronous)</p>	<p>Independent Work Session</p>	<p>Use this week to Film and Upload your Theory to Practice Presentation</p>	<p>NO CFG Reflection Due this week</p> <p>Module: Supporting Our Military–Connected Children in School Settings: Moving them from Risk to Resilience” Training Module (Part 1 & 2). To access and view the module: go to https://training.gmu.edu/military-module-moved</p> <p>Upload your Theory to Practice Presentation to Blackboard by WEDNESDAY, 11/20 (11:59pm)</p>

SEED 540 Unit 5: Conclusions			
Class Date & (Location)	Class Topic	Reading & Multimedia	Assignments
Class 13 11/21 (Asynchronous)	Theory to Practice: Presentations	Review your classmate's Theory to Practice Presentation videos (Available on Blackboard)	NO CFG Meeting this week Complete and Submit the TPP Guided Reflection Sheet to Blackboard by Wednesday, December 4th (11:59pm)
Thanksgiving Recess No Classes (University Closed)			
Class 14 12/5 (Virtual – Zoom)	Theory to Practice: Discussion & Reflection	Synchronous Online Class	NO CFG Reflection Due this week Work on Lesson Plan Analysis & Application Project Due: Thursday, December 12th (11:59pm)
Class 15 12/12 (Asynchronous)	Independent Work Session	Students will use this week to complete their Case Study and Student Application Projects individually.	NO CFG Reflection Due this week Blackboard submission of Lesson Plan Analysis & Application Project by Thursday, December 12th (11:59pm)
Final Grades Submitted Monday, December 16			

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

Supplemental Course Readings

- Benn, G. (2018). Relationships and rapport: “You don’t know me like that!” *Educational Leadership*, 76(1), 20-25.
- Benson, T. & Florman, S. (2019). The anti-racist educator. *Educational Leadership*, 77(1), 60-65.
- Jackson, R. & Zmuda, A. (2014). Four (secret) keys to student engagement. *Educational leadership*, 72(1), 18-24.
- Jenson, E. (2013). How poverty affects classroom engagement. *Educational leadership*, 70(8), 24-30.
- Kiewra, K.A. (2002). How classroom teachers can help students learn and teach them how to learn. *Theory into Practice*, 41(2), 71-80.
- Laprairie, K., Johnson, D.D., Rice, M., Adams, P. & Higgins, B. (2010). The top ten things new high school teachers need to know about servicing students with special needs. *American Secondary Education*, 38(2), 23-30.
- Lent, R. & Gilmore, B. (2014). 10 Standards for motivation. *Educational leadership*, 72(1), 66-67.
- Rebora, A. (2019). Widening the lens: A conversation with Beverly Daniel Tatum. *Educational Leadership*, 76(7), 30-33.
- Tomlinson, C. & Sousa, D. (2020). The sciences of teaching. *Educational Leadership*, 77(8), 14-20.

CEHD Commitments

The College of Education and Human Development is committed to fostering collaboration and community, promoting justice and equity, and advancing research-informed practice. Students are expected to adhere to, and contribute to, these commitments, the CEHD Mission, and Core Values of George Mason University. More information can be found here:

<https://cehd.gmu.edu/about/culture/>

GMU Policies and Resources for Students

Policies

- Students must adhere to Mason’s Academic Standards (see <https://catalog.gmu.edu/policies/academic-standards/>)
- Students must follow the university policy for Responsible Use of Computing (see <https://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 <https://ds.gmu.edu/>).
- Students must silence all sound emitting devices during class unless otherwise authorized by the instructor.

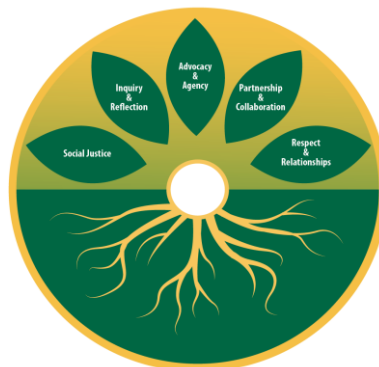
Campus Resources

- Support for submission of assignments to VIA should be directed to viahelp@gmu.edu or <https://cehd.gmu.edu/aero/assessments>.
- Questions or concerns regarding use of your LMS should be directed to:
 - Blackboard Learn: <https://its.gmu.edu/knowledge-base/blackboard-instructional-technology-support-for-students/>
 - Canvas: <https://its.gmu.edu/service/canvas/>
- For information on student support resources on campus, see:
 - TimelyCare: <https://caps.gmu.edu/timelycare-services/>
 - Writing Center: <https://writingcenter.gmu.edu/>

Notice of mandatory reporting of sexual assault, sexual harassment, interpersonal violence, and stalking:

As a faculty member, I am designated as a “Non-Confidential Employee,” and must report all disclosures of sexual assault, sexual harassment, interpersonal violence, and stalking to Mason’s Title IX Coordinator per [University Policy 1202](#). If you wish to speak with someone confidentially, please contact one of Mason’s confidential resources, such as [Student Support and Advocacy Center](#) (SSAC) at 703-380-1434 or [Counseling and Psychological Services](#) (CAPS) at 703-993-2380. You may also seek assistance or support measures from Mason’s Title IX Coordinator by calling 703-993-8730, or emailing titleix@gmu.edu.

The Secondary Education (SEED) Program “Seeds”



As illustrated by the model above, the SEED program is guided by five “Seeds” or principles that students are expected to understand and learn to apply in their teaching and professional lives: Social Justice, Inquiry and Reflection, Advocacy and Agency, Partnership and Collaboration, and Respect and Relationship. SEED students address each Seed in a developmental fashion, twice during their licensure program and once again during the master’s teacher research capstone experience:

- Each Seed is introduced and students demonstrate initial understandings and consider initial applications to teaching of the Seeds (as determined by the program, the course instructor, and individual students) during one of the five pre-licensure courses (Foundations, Methods I, Human Development, Methods II, Content Literacy)
- All five Seeds are revisited and students demonstrate deeper conceptual understandings of and identify applications to their teaching of the Seeds (in a manner they determine) during internship and internship seminar
- All five Seeds are explored more deeply, and students demonstrate mastery understandings of, applications to their teaching and teaching inquiries (via their teacher research Methodologies), and future integrations of the Seeds into their teaching and teaching inquiries (via their teacher research Discussions)

Course	Seed/Definition	Key Assignment Description
<p>Foundations of Secondary Education</p>	<p>Advocacy and Agency The SEED program educates teachers to develop a commitment to advocating for and developing agency in every young person. Teachers’ advocacy activities begin with pedagogical interactions and extend into school and community contexts. Similarly, teachers’ consideration of youths’ agency begins with enabling them to act independently and make choices in their own best interests—in the classroom and beyond.</p>	<p>Teacher Candidate Digital Portfolio This digital portfolio is a website the teacher candidate creates to begin assembling products and artifacts that illustrate their emerging philosophy of teaching, experiences designing instructional materials, interviews and reflections from clinical experiences, and professional documents such as resumes and work experience. Pieces that teacher candidates add to the digital portfolio demonstrate their agency as educators inside and outside of classrooms, candidates’ advocacy of critical issues relevant to secondary education, and candidates’ thinking on how educators, their learners, policy makers, and community members all have different agency in making choices related to secondary education. <i>Note: Students will also be asked to identify what they consider to be evidence of their understanding/application of this Seed, in course, program, and professional projects and activities.</i></p>

<p>Methods I</p>	<p style="text-align: center;">Social Justice</p> <p>The SEED program educates teachers to develop a commitment to social justice. Such a commitment encompasses the belief that all members of our school, university, and broader communities can contribute to disrupting inequitable interactions, practices, and structures, with a focus on enhancing each individual’s opportunity to learn and succeed. Social justice is also closely aligned with “equity,” which involves the implementation of anti-oppressive and antiracist interactions, practices, and structures that ensure that every individual has an unbiased, impartial, responsive, and appropriately scaffolded opportunity for academic and professional success.</p>	<p style="text-align: center;">Lesson Plan</p> <p>Using a provided format, the lesson plan must include objectives, standards, instructional plans, assessments, classroom layout(s), a teacher script, and all materials that would be given to students as part of the lesson. The lesson must demonstrate the teacher candidate’s ability to integrate justice concepts/content into their instruction. <i>Note: Students will also be asked to identify what <u>they</u> consider to be evidence of their understanding/application of this Seed, in course, program, and professional projects and activities.</i></p>
<p>Human Development and Learning</p>	<p style="text-align: center;">Relationships with and Respect for Youth</p> <p>The SEED program educates teachers to develop relationships with and respect for youths. When a school culture promotes respect, support for students’ identities, senses of belonging, and tolerance, students are able to work as active participants in the classroom and the community. Secondary teachers who create a welcoming environment in their classrooms; who strive to know and honor students’ backgrounds, preferences, and perspectives; who build relationships with young people based on trust and mutual understanding; and who connect curriculum to students’ cultures hold key to effective instruction. Their instruction will contribute to developing unique individuals who will be able to connect their life experiences to learning.</p>	<p style="text-align: center;">Case Study/Student Application Project</p> <p>The case study/student application project is a summative assessment of the teacher candidate’s ability to use psychological theory to analyze problems in a classroom and practice approaches a thoughtful, ethically principled teacher would use to solve problems. The case study/student applicant project must demonstrate the teacher candidate’s understanding of how and why teachers can use psychological theories and principles to develop relationships with and demonstrate respect for youths, with an ultimate goal of enhancing adolescents’ school and life success. <i>Note: Students will also be asked to identify what <u>they</u> consider to be evidence of their understanding/application of this Seed, in course, program, and professional projects and activities.</i></p>
<p>Methods II</p>	<p style="text-align: center;">Inquiry and Reflection</p> <p>The SEED program educates teachers who appreciate and know how to ask questions about their practices and who are critically reflective of their pedagogies, empowered by evidence. The ability to inquire and reflect on one’s teaching practice is foundational to educators’ ongoing and self-directed professional growth across their professional lifespans. Educators who can inquire into and consistently implement effective instructional practices--and who can critically reflect on and evaluate their pedagogies--will be the most responsive teachers and will best inspire students to learn.</p>	<p style="text-align: center;">Unit Plan/Lesson Implementation</p> <p>Teacher candidates will use the “backwards design” process to develop a plan for teaching a unit which actively involves students in meaningful learning; individualizes learning to accommodate the strengths and needs of students; and provides authentic assessments. Unit plans will include objectives, a calendar, and an outline of each day in the unit. One lesson of the unit must be taught/co-taught in the teacher candidate’s clinical experience classroom, and the unit plan and lesson implementation must demonstrate the candidate’s understanding of how and why teachers use inquiry and reflection to improve their pedagogical practices and enhance student learning.</p>

		<p><i>Note: Students will also be asked to identify what <u>they</u> consider to be evidence of their understanding/application of this Seed, in course, program, and professional projects and activities.</i></p>
<p>Content Literacy</p>	<p>Collaboration and Partnership The SEED program educates teachers who value collaborative engagement in learning and teaching and supporting collaboration through different forms of partnership. Collaboration takes on many forms, including collaboration amongst teacher candidates and their peers, course instructors and faculty advisors, mentor teachers in schools, their students and their students’ families and caregivers, and amongst experts in their fields of teaching. These collaborations occur through a shared understanding of partnership. By spanning multiple boundaries, the SEED program supports partnerships with local schools and their divisions, with state and national professional associations, and with international experiences in other countries.</p>	<p>Disciplinary Literacy Inquiry Project Teacher candidates complete an inquiry into methods of supporting students’ comprehension in their respective content areas. Using resources from class and peer-reviewed articles, candidates develop an understanding of how to guide and deepen students’ comprehension, addressing questions including “Why is it important to be literate in our respective subject areas?”. The inquiry project must demonstrate the candidate’s understanding of how and why teachers collaborate with other education professionals, students, families and caregivers and others to support students’ subject area comprehension and literacy learning.</p> <p><i>Note: Students will also be asked to identify what <u>they</u> consider to be evidence of their understanding/application of this Seed, in course, program, and professional projects and activities.</i></p>

<p>Internship and Internship Seminar</p>	<p style="text-align: center;">All SEED Seeds: Applications to Teaching</p> <p>All five Seeds are revisited and students demonstrate deeper conceptual understandings of and identify applications to their teaching of the Seeds during internship and internship seminar.</p>
<p>Teacher Research (for Master's students only)</p>	<p style="text-align: center;">All SEED Seeds: Applications to Teaching and Teaching Inquiries</p> <p>All five Seeds are explored more deeply, and students demonstrate mastery understandings of, applications to their teaching and teaching inquiries (via their teacher research Methodologies), and future integrations of the Seeds into their teaching and teaching inquiries (via their teacher research Discussions)</p>

Common Policies Affecting All Courses at George Mason University

Updated August 2024

These four policies affect students in all courses at George Mason University. This Course Policy Addendum must be made available to students in all courses (see [Catalog Policy AP.2.5](#)).

Additional policies affecting this course, and additional resources or guidance regarding these policies, may be provided to students by the instructor.

Academic Standards

Academic Standards exist to promote authentic scholarship, support the institution's goal of maintaining high standards of academic excellence, and encourage continued ethical behavior of faculty and students to cultivate an educational community which values integrity and produces graduates who carry this commitment forward into professional practice.

As members of the George Mason University community, we are committed to fostering an environment of trust, respect, and scholarly excellence. Our academic standards are the foundation of this commitment, guiding our behavior and interactions within this academic community. The practices for implementing these standards adapt to modern practices, disciplinary contexts, and technological advancements. Our standards are embodied in our courses, policies, and scholarship, and are upheld in the following principles:

- **Honesty:** Providing accurate information in all academic endeavors, including communications, assignments, and examinations.
- **Acknowledgement:** Giving proper credit for all contributions to one's work. This involves the use of accurate citations and references for any ideas, words, or materials created by others in the style appropriate to the discipline. It also includes acknowledging shared authorship in group projects, co-authored pieces, and project reports.
- **Uniqueness of Work:** Ensuring that all submitted work is the result of one's own effort and is original, including free from self-plagiarism. This principle extends to written assignments, code, presentations, exams, and all other forms of academic work.

Violations of these standards—including but not limited to plagiarism, fabrication, and cheating—are taken seriously and will be addressed in accordance with university policies. The process for reporting, investigating, and adjudicating violations is [outlined in the university's procedures](#). Consequences of violations may include academic sanctions, disciplinary actions, and other measures necessary to uphold the integrity of our academic community.

The principles outlined in these academic standards reflect our collective commitment to upholding the highest standards of honesty, acknowledgement, and uniqueness of work. By adhering to these principles, we ensure the continued excellence and integrity of George Mason University's academic community.

Student responsibility: Students are responsible for understanding how these general expectations regarding academic standards apply to each course, assignment, or exam they participate in; students should ask their instructor for clarification on any aspect that is not clear to them.

Accommodations for Students with Disabilities

Disability Services at George Mason University is committed to upholding the letter and spirit of the laws that ensure equal treatment of people with disabilities. Under the administration of University Life, Disability Services implements and coordinates reasonable accommodations and disability-related services that afford

equal access to university programs and activities. Students can begin the registration process with Disability Services at any time during their enrollment at George Mason University. If you are seeking accommodations, please visit <https://ds.gmu.edu/> for detailed information about the Disability Services registration process. Disability Services is located in Student Union Building I (SUB I), Suite 2500. Email: ods@gmu.edu. Phone: (703) 993-2474.

Student responsibility: Students are responsible for registering with Disability Services and communicating about their approved accommodations with their instructor *in advance* of any relevant class meeting, assignment, or exam.

FERPA and Use of GMU Email Addresses for Course Communication

The [Family Educational Rights and Privacy Act \(FERPA\)](#) governs the disclosure of [education records for eligible students](#) and is an essential aspect of any course. **Students must use their GMU email account** to receive important University information, including communications related to this class. Instructors will not respond to messages sent from or send messages regarding course content to a non-GMU email address.

Student responsibility: Students are responsible for checking their GMU email regularly for course-related information, and/or ensuring that GMU email messages are forwarded to an account they do check.

Title IX Resources and Required Reporting

As a part of George Mason University's commitment to providing a safe and non-discriminatory learning, living, and working environment for all members of the University community, the University does not discriminate on the basis of sex or gender in any of its education or employment programs and activities. Accordingly, **all**

non-confidential employees, including your faculty member, have a legal requirement to report to the Title IX Coordinator, all relevant details obtained directly or indirectly about any incident of Prohibited Conduct (such as sexual harassment, sexual assault, gender-based stalking, dating/domestic violence). Upon notifying the Title IX Coordinator of possible Prohibited Conduct, the Title IX Coordinator will assess the report and determine if outreach is required. If outreach is required, the individual the report is about (the "Complainant") will receive a communication, likely in the form of an email, offering that person the option to meet with a representative of the Title IX office.

For more information about non-confidential employees, resources, and Prohibited Conduct, please see [University Policy 1202: Sexual and Gender-Based Misconduct and Other Forms of Interpersonal Violence](#). Questions regarding Title IX can be directed to the Title IX Coordinator via email to TitleIX@gmu.edu, by phone at 703-993-8730, or in person on the Fairfax campus in Aquia 373.

Student opportunity: If you prefer to speak to someone *confidentially*, please contact one of Mason's confidential employees in Student Support and Advocacy ([SSAC](#)), Counseling and Psychological Services ([CAPS](#)), Student Health Services ([SHS](#)), and/or the [Office of the University Ombudsperson](#).