

George Mason University
College of Education and Human Development
Educational Psychology

EDEP 110 001 (21264)

Academic Success Through Self-Regulated Learning

3 credits, Fall, 2024

Aug 26, 2024 – Dec 11, 2024, Mondays and Wednesdays, 10:30 -11:45pm, Thompson Hall 1020,
Fairfax Campus
Hybrid

Faculty

Name: Dr. Alexandra Patzak
Office Hours: By appointment
Office Location: West Building, 2204
Fairfax Campus
Office Phone: 703-993-6620
Email Address: apatzak@gmu.edu

Prerequisites/Corequisites

None

University Catalog Course Description

Focuses on self-regulation theory to help students develop skills and practice evidence-based strategies for academic success, such as time management, distributed practice for exam preparation, or regulation when working with others. Applies current models of self-regulation to examine metacognitive, motivational, and behavioral strategies to reach goals e.g., how to reduce procrastination.

This course fulfills the Mason Core Social and Behavioral Sciences requirement and addresses the following learning outcomes:

- 1) Explain how individuals, groups or institutions are influenced by contextual factors
- 2) Demonstrate awareness of changes in social and cultural constructs
- 3) Use appropriate methods and resources to apply social and behavioral science concepts, terminology, principles and theories in the analysis of significant human issues, past or present.

Course Delivery Method

This course will be delivered using a lecture and seminar format. This is a hybrid course, meaning we will meet in person every Mondays and synchronously online on Wednesdays. See course schedule for more details.

Learner Outcomes

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

1. Examine current academic skills, strategies, and conditions.
2. Set attainable and appropriate goals.
3. Apply self-regulated learning processes toward attaining goals.
4. Monitor and evaluate the effectiveness of strategies in relation to goals.
5. **Use appropriate methods and resources to apply social and behavioral science concepts, terminology, principles and theories in the analysis of counterproductive self-regulated learning and recommendation of appropriate solutions. (adapted Mason CORE outcome #3)**
6. Critique learning strategies based on research evidence.
7. **Explain how self-regulated learners influenced by contextual factors, such as the environment (e.g., in-person vs. online learning), and others (e.g., co-regulation and socially shared regulation). (adapted Mason CORE outcome #1)**
8. **Demonstrate awareness of changes in thoughts, affect, and behaviors among diverse learning contexts. (adapted Mason Core outcome #2)**
9. Develop critical thinking and writing skills.

Relationship to Program Goals and Professional Standards

Upon completion of this course, students will have met the following Educational Psychology Program standards (updated May 2021):

Standard 1. Candidates will use their knowledge and skills to apply concepts, principles, and theories of learning, cognition, motivation, and development to analyze and design innovative educational activities in diverse applied settings.

Standard 4. Candidates will demonstrate oral and written communication relevant to educational psychology, including knowledge and use of APA style and professional formats (e.g., oral presentations, poster presentations, article abstracts, literature reviews, research proposals, reports).

Standard 5. Candidates will demonstrate professional dispositions relevant to educational psychology such as critical thinking, collaboration, interpersonal communication, intercultural competence, ethical leadership, professionalism, and technological skills.

Required Texts and Materials

Seli, H. & Dembo, M., H. (2019). *Motivation and learning strategies for college success: A focus on self-regulated learning* (6th ed.). Routledge.

This is the link to the book at Mason Library: mailto:https://wrlc-gm.primo.exlibrisgroup.com/permalink/01WRLC_GML/1prj2t5/alma9947105651404105

Additional journal articles and book chapters will be made available electronically through the library E-Reserves system (see course schedule for a tentative list).

Strongly Recommended Text

Course Performance Evaluation

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

It is expected that each student will:

1. Attend each class session.
2. Complete all assigned materials for the course.
3. Participate in classroom activities that reflect critical reading of materials
4. Post to Blackboard about course readings and/or multi-media course materials, and recommendations of evidence-based learning strategies. Posts can include, for example, a brief discussion which includes a question related to readings and/or multi-media materials before the session.
5. Develop a time management plan.
6. Complete two reflection assignments on time management.
7. Carry out, analyze, and interpret results of a self-assessment.
8. Keep a weekly self-change journal.
9. Complete a self-change project report.
10. Analyze and discuss case studies.

**Late assignments will not be accepted by the instructor unless a serious emergency arises, and the instructor is notified promptly. If an emergency occurs, please notify the instructor in advance.*

- **Assignments and Examinations**

Mini-Assignments (12 points, i.e., 1 point for each post)

Students are expected to post weekly brief reflections and questions on the assigned course readings and/or respond to specific mini-assignment prompts from the instructor on Blackboard. Students are encouraged to use these weekly reflections to raise questions and make connections between the course content and their own experiences. Reflections/mini-assignments are to be posted on Blackboard by midnight on the SUNDAY prior to each class (i.e., Students may miss two weekly mini-assignments without penalty and/or post two mini-assignments late without penalty.

Discussion post mini-assignments include:

1. Blackboard discussion posts about assigned readings and/or materials
2. strategies toolbox discussion posts

The purpose of these mini assignments is to apply course contents and use the terminology of the field. This offers opportunities to increase awareness about and analyze relevant cultural and contextual influences and significant human issues past and present e.g., how context influences learning of individuals and/or groups, or how concepts, principles and theories discussed in the course changed over time.

Mini-assignment: Discussion posts about assigned readings and/or materials

Students are expected to post a reflection and pose a thoughtful question about assigned materials to weekly discussion boards. Students are encouraged to read and post responses to their classmates' posts. Reflections should be derived from the course materials on learner self-regulatory functioning and should reflect their interests. The instructor will periodically use questions and responses posted to the discussion board to guide in-class discussions.

Rubric for Blackboard discussion board posts

| | |
|------------------------------------|---|
| Exceeds standard 1 point | Posts and probing questions clearly explain contextual influences, demonstrate awareness about conceptual change, and/or apply appropriate methods, concepts, theories, and terminology of the field to analyze significant human issues related to course contents. |
| Meets standard 0.75 points | Posts and/or probing questions explain contextual influences, demonstrate awareness about conceptual change, and/or apply methods, concepts, theories, and terminology of the field to analyze significant human issues related to course contents but are vague or unclear. |
| Approaches standard 0.5 points | Some posts explain contextual influences, demonstrate awareness about conceptual change, and/or apply methods, concepts, theories, and terminology of the field to analyze significant human issues related to course contents but are incomplete or missing. Probing questions are missing or off topic. |
| Does not meet standard 0 points | Posts are missing or ideas are off topic. |

Mini-assignment: Strategies toolbox discussion posts

Students are asked to create posts describing strategies they judge appropriate for the context described in the discussion forum. Their posts should describe how the strategy should be used, in which context(s), how it addresses challenges or barriers to academic success, and the evidence that this strategy is beneficial. Students are encouraged to read and reply to posts of their classmates and actively engage in the discussion. Perhaps other students are recommending helpful strategies.

Strategies Toolbox Discussion Post Rubric:

| | |
|-------------------------------|---|
| Exceeds standard 1 point | Detailed description of use, contextual factors, how the strategy addresses challenges or barriers to academic success and evidence for at least one strategy, with clear and appropriate empirical support and application of appropriate methods, concepts, theories, and terminology of the field. |
| Meets standard 0.75 points | Describes use, contextual factors, how the strategy addresses challenges or barriers to academic success, and evidence for at least one strategy with empirical support and application of methods, concepts, theories, and terminology of the field but is unclear or vague. |

| | |
|------------------------------------|--|
| Approaches standard 0.5 points | Describes use, contextual factors, how the strategy addresses challenges or barriers to academic success, and evidence of one strategy with no, unclear or inappropriate empirical support or application of methods, concepts, theories, or terminology of the field. |
| Does not meet standard 0 points | Description of strategy is missing. |

Journals (14 points)

Weekly journals give students and opportunity to relate the course contents to themselves and reflect about their strength and weaknesses as learners. This is important to foster self and strategic knowledge, to tailor strategies to each students' individual needs. Each journal has to be submitted prior to the deadline in the manner outlined by the instructor.

Rubric for each journal entry

| | |
|------------------------------------|---|
| Exceeds standard 1 point | The journal entry clearly explains contextual influences, demonstrates awareness about conceptual change, and/or applies appropriate methods, concepts, theories, and terminology of the field to analyze significant human issues related to course contents. |
| Meets standard 0.75 points | The journal entry explains contextual influences, demonstrates awareness about conceptual change, and/or applies methods, concepts, theories, and terminology of the field to analyze significant human issues related to course contents but are vague or unclear. |
| Approaches standard 0.5 points | The journal entry is incomplete and/or off topic. |
| Does not meet standard 0 points | The journal entry is missing. |

Strategies toolbox report (9 points)

Self-regulation needs practice, effort, and productive strategies. Here we will focus on evaluating strategies based on research. Not all strategies are productive, work for everyone, or every situation. The aim of these mini-assignments is to develop and apply skills to evaluate strategies in relation to the goal and context, to provide appropriate recommendations, and create a toolbox of productive strategies students can draw on throughout their studies and beyond.

The strategies toolbox report is a description of at least 3 strategies the student experienced or expect to be beneficial for themselves. The report should describe each of the strategies in detail. For example, how it should be used, in which context(s), the student's experience or expectation of this strategy, how the student plans to use it in the future, and a detailed description of the evidence suggesting the strategy is productive. Students may build on their mini-assignment strategies

toolbox posts to create their repertoire of strategies. The aim of this assignment is to provide students with a toolbox of evidence-based strategies to set them up for success in their future studies and/or other aspects of their life.

Strategies Toolbox Report Rubric, for each Strategy (i.e., 3 points each, 9 points overall)

| | |
|------------------------------------|---|
| Exceeds standard 3 points | Detailed description of the strategy, with clear and appropriate empirical support related to course concepts, and appropriate use of the terminology of the field. |
| Meets standard 2 points | Describes the strategy with empirical support but is unclear or vague. |
| Approaches standard 1 point | Describes the strategy with no, unclear or inappropriate empirical support or connection to course concepts. |
| Does not meet standard 0 points | Description of the strategy is missing. |

Self-Change Project (37 points)

The self-change project allows students to apply and experience the theories, concepts, principles, terminology and methods we discuss in class. The purpose of this project is to move through all phases of the self-regulated learning cycle to achieve a personal goal, examine contextual influences of behaviors, and demonstrate awareness of change in behaviors, thoughts, and beliefs. The self-change project consists of 3 parts:

Part 1: Self-Assessment (10 points)

The aim of this assignment is to increase self-awareness by monitoring and assessing current behavior, with an emphasis on contextual influences. For example, what environmental and social aspects are conducive or hindering for the behavior. To complete this assignment, students will collect, analyze, and interpret data about current behavior. The analysis should demonstrate appropriate application of behavioral science concepts, terminology, principles, and theories to identify patterns and areas for improvement. Drawing on findings from the self-assessment, students can select one aspect of a behavior they want to improve. Describe the behavior and their history with this behavior. Discuss specific contextual factors as well as social and cultural context that influenced this behavior. Describe what change they are aiming to achieve.

Part 2: Planning & Performing (10 points)

This part of the self-change project invites students to take action. First, the student needs to create a plan how they will work on improving the behavior they selected in Part 1. For the analysis the behavior and development an appropriate intervention plan, students are expected to use appropriate methods and resources to apply social and behavioral science concepts, terminology, principles and theories. Using a single subject design (i.e., the student is the sample), students will incorporate an

intervention based on self-regulation research to change a particular aspect of their behavior (e.g., academic learning, health, motor learning, etc.). As students are moving towards their goals, students will collect data to monitor their progress and adjust for possible obstacles to goal achievement. Students are expected to measure and document their progress in the self-change project. Identify two appropriate methods that will allow them to analyze and identify patterns of change.

Part 3: Self-Change Report (17 points)

The self-change project report consists of part 1, 2 and the reflection of the self-change project. For this assignment, students should implement the feedback they received from their instructor on each part of the self-change project and combine the three parts to a coherent and cohesive report.

The reflection should focus on students' experience and progress during the self-change project. Based on the data students collected, what patterns emerged? What contextual and social factors were hindering? What contextual and social factors were helpful? What went well? What are areas for improvement? What are take-aways from the self-change project? What recommendations can students make to others who are planning a similar self-change project? The reflection should demonstrate awareness of changes in the behavior, thoughts and affects throughout the self-change project. Students are expected to use appropriate methods and resources to apply social and behavioral science concepts, terminology, principles and theories to make appropriate recommendations. The reflection should also draw a clear connection to theories and empirical research discussed in the course. For example, how does their self-change project reflect course contents?

Please note that marking of the self-change project will not include how well the student achieved their goals. The focus of this project is on applying and experiencing theories and empirical research discussed in the course, and using appropriate methods to collect, analyze and explain data about the behavior students aimed to change .

Self-Change Project Rubric

| Criteria | Does not meet standard | Approaches standard | Meets standard | Exceeds standard |
|---|---|---|---|---|
| Self-Assessment | | | | |
| Description of: 1. Behavior 2. History 3. Expected change | Description is missing or addresses less than two of the three factors. | Describes less than three of the three factors. | Addresses all three factors, but explanation is unclear or vague. | Clearly explains behavior, its history, and attempts to change the behavior. |
| Description of contextual influences on the behavior (Mason CORE outcome #1) | Description of contextual influences on the behavior is missing. | Describes contextual influences with no connections to the behavior. | Describes contextual factors on the behavior, but the description is unclear or vague. | Clearly describes how contextual factors influence the behavior e.g., how observing what |

| | | | | |
|--|---|--|---|---|
| | | | | others do or not do influences the behavior. |
| Planning and performing | | | | |
| Methods of measuring behavior and change over time (Mason Core outcome #3) | Methods of measuring behavior are missing. | Describes less than two way the behavior change was measured. | Describes at least two specific ways the behavior change was measured, but the description is unclear or vague, and is not using the terminology of the field.. | Clearly describes at least two specific and appropriate methods for measuring behavior change using the terminology of the field. |
| Methods of intervention (Mason CORE outcome #3) | Methods of intervention are missing. | Description of the original plan for changing the behavior, how it applies methods, concepts, theories, or terminology of the field is missing. | Describes the original plan for changing the behavior with application of methods, concepts, theories, and terminology of the field but is unclear or vague. | Clearly describes the original plan for changing the behavior with application of appropriate methods, concepts, theories, and terminology of the field. |
| Examples of similar studies (Mason Core outcome #3) | Examples of similar studies are missing. | Describes less than two studies with no or inappropriate application of methods, concepts, theories, and terminology of the field. | Describes at least two studies with application of methods, concepts, theories, and terminology of the field, but description is unclear or vague. | Clearly discusses at least two studies with application of appropriate methods, concepts, theories, and terminology of the field. |
| Reflection | | | | |

| | | | | |
|--|---|--|---|--|
| Description of findings (Mason CORE #3) | Description of findings is missing. | Describes what happened with no, or limited demonstration of changes in the behavior, e.g., description does not use the methods of measurement or refer to the original intervention plan. | Describes changes in the behavior, but is unclear or vague. | Clearly describes changes in the behavior with appropriate use of the terminology of the field. |
| Description of findings in context of social and cultural changes (Mason CORE outcome #2) | Description of findings in context is missing. | Describes findings with no or limited connection to social or cultural changes or in what ways this has influenced behavior, thoughts or beliefs. | Describes findings with connection to social and cultural changes, but the connection is vague or unclear. | Clearly describes findings with appropriate connections to social and cultural changes and in what ways this has influenced our behaviors, thoughts or beliefs. |
| Recommendations (Mason CORE outcome #3) | Recommendations are missing. | Offers less than two recommendations, with no or vague connection to the self-change project, no or inappropriate application of methods, concepts, theories and terminology of the field. | Offers at least two specific recommendations with some application of methods, concepts, theories, and terminology of the field. | Offers at least two specific recommendations that are clearly related to the self-change project with application of appropriate methods, concepts, theories, and terminology of the field. |

Mid-term Exam (18 points)

The exam will be given, as indicated in the course schedule, assessing material discussed in class and in course readings. The exam may include multiple choice, short answer questions, and

essay/case analysis questions. A make-up exam will only be scheduled for valid excused absences. Prior notification is required.

Preparing for the exam gives students an opportunity to experience and refine study strategies discussed in class.

Participation and Attendance (10 points)

Because of the importance of lecture and discussion to your total learning experience, you are encouraged to attend and participate in class regularly. Attendance, punctuality, preparation, and active contribution to small and large group efforts are essential. These elements of your behavior will reflect the professional attitude of the course and will account for 10% of your course grade. Students who must miss a class must notify the instructor (preferably in advance) and are responsible for completing all assignments and readings for the next class. A portion of this includes:

- Participating in in class discussions regarding the course readings.
- Participating in Discussion Board activities as provided throughout the course.

Late Submission Policy

Assignments must be submitted on time through the manner outlined by the instructor. For each day after the deadline 10% of the possible points will be deducted (i.e., 90% for 1 day, 80% for 2 days, 70% for 3 days, 60% for 4 days, 50% for 5 days, 40% for 6 days, 30% for 7 days, 20% for 8 days, 10% for 9 days). Assignments submitted 10 days or more after the deadline will receive 0 points. Extensions can be granted by the instructor for valid reasons in advance of the deadline.

Grading Procedures

| Assignment | Points |
|------------------------------|---------------|
| Participation and attendance | 10 |
| Mini-assignments | 12 |
| Journals | 14 |
| Strategies toolbox report | 9 |
| Self-change project | 37 |
| Mid-term exam | 18 |
| Total | 100 |

- **Grading**

Students' final grade for this class will be based on the following:

| | | |
|------------------|-----------------|------------------|
| A+ = 98 – 100% | A = 93 – 97.99% | A- = 90 – 92.99% |
| B+ = 88 – 89.99% | B = 83 – 87.99% | B- = 80 – 82.99% |
| C+ = 78 – 79.99% | C = 73 – 77.99% | C- = 70 – 72.99% |
| D = 60 – 69.99% | F < 60% | |

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>.

Use of Generative AI

Use of Generative AI tools should be used following the fundamental principles of Mason’s Academic Standards. 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.

Class Schedule

| Week | Topic | Readings Due Next Week | Assignments Due Next Class |
|------|---|--|--|
| 8/26 | Overview, Learning how to learn, History & introduction to self-regulation theory Mo: <i>in person</i> Wed: <i>synchronously online</i> | Chapter 1: Academic self-regulation; Chapter 4: Goal setting | Mini-assignment |
| 9/4 | Time management; In-class activity: how to manage time Mo: No class Wed: <i>synchronously online</i> | Chapter 6: Time Management | Mini-assignment |
| 9/9 | Planning and goal setting; Self-assessment and standards; In-class activity: How do I set goals? Mo: <i>in person</i> Wed: <i>synchronously online</i> | De Boer, H., Donker-Bergstra, A. S., Kostons, D. D. N. M., Korpershoek, H., & Van der Werf, M. P. (2012). <i>Effective Strategies for Self-regulated Learning: A Meta-analysis</i> . Groningen: GION onderzoek/onderwijs. | Mini-assignment |
| 9/16 | Strategy selection; In-class activity: How can I achieve my goals? Mo: <i>in person</i> Wed: <i>synchronously online</i> | Chapter 2: Understanding motivation; Kopetz, C., & Orehek, E. (2015). When the end justifies the means: Self-defeating behaviors as rational and successful self-regulation. <i>Current Directions in Psychological Science</i> , 24(5), 386-391. | Mini-assignment, Self-Change Project: Part 1 |

| | | | |
|---|--|---|---|
| 9/23 | Productive vs. counterproductive SRL <i>Mo: in person</i> <i>Wed: synchronously online</i> | Chapter 7: Self-regulation of the physical and social environments, | Mini-assignment |
| 9/30 | Social and cultural context, and diverse learning environments <i>Mo: in person</i> <i>Wed: synchronously online</i> | Chapter 10: Preparing for exams | Mini-assignment Self-Change Project Part 2 |
| Action Phase: Developing Strategy Skills | | | |
| 10/7 | Preparing for exams <i>Mo: in person</i> <i>Wed: synchronously online</i> | Chapter 9: Learning from class | Mini-assignment |
| 11/16 | Engaging in class <i>Mo: No Class</i> <i>Wed: synchronously online</i> | Chapter 8: Learning from course materials | Mini-assignment |
| 10/28 | Completing assignments and taking exams <i>Mo: in person</i> <i>Wed: synchronously online</i> | Chapter 11: Taking exams | Mini-assignment |
| 11/4 | Mid-term (10/25) <i>Mo: in person</i> <i>Wed: synchronously online</i> | Appendix B: A guide for completing a self-regulation study | Mini-assignment |
| Action Phase: Moving through the Self-Regulated Learning Cycle | | | |
| 11/11 | Metacognitive awareness; In-class activity: self-assessment <i>Mo: in person</i> <i>Wed: synchronously online</i> | Webinar on Blackboard | Mini-assignment |
| 11/18 | Metacognitive monitoring and control; Keeping track of progress towards goals | Textbook: Afterword | Mini-assignment, |

| | | | |
|--------------------------------------|---|------------|---|
| | Mo: <i>in person</i> Wed: <i>synchronously online</i> | | |
| Action Phase: Self-reflection | | | |
| 11/25 | Supporting productive self-regulated learning; In-class activity: How do I know which strategies are helpful? Mo: <i>in person</i> Wed: No Class | Appendix B | Mini-assignment, Strategies toolbox report |
| 12/6 | Self-evaluation; in-class activity: Analyzing self-change data Mo: <i>in person</i> | | Self-change project: Part 3 Due on Dec 11, 24, 11:59pm |
| 12/11 | Exam period | | |

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

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: <https://ctfe.gmu.edu/teaching/student-support-resources-on-campus>
 - TimelyCare: <https://caps.gmu.edu/timelycare-services/>
 - Writing Center: <https://writingcenter.gmu.edu/>
- For additional information on the College of Education and Human Development's Student Success Resources, please visit: <https://cehd.gmu.edu/students/>.

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.

Gender identity and pronoun use: If students wish, please share their name and gender pronouns with me and how best to address them in class and via email. I use she/her for myself and students may address me as “Dr. Patzak”, “Mrs. Patzak” or “Alexandra” in email and verbally.