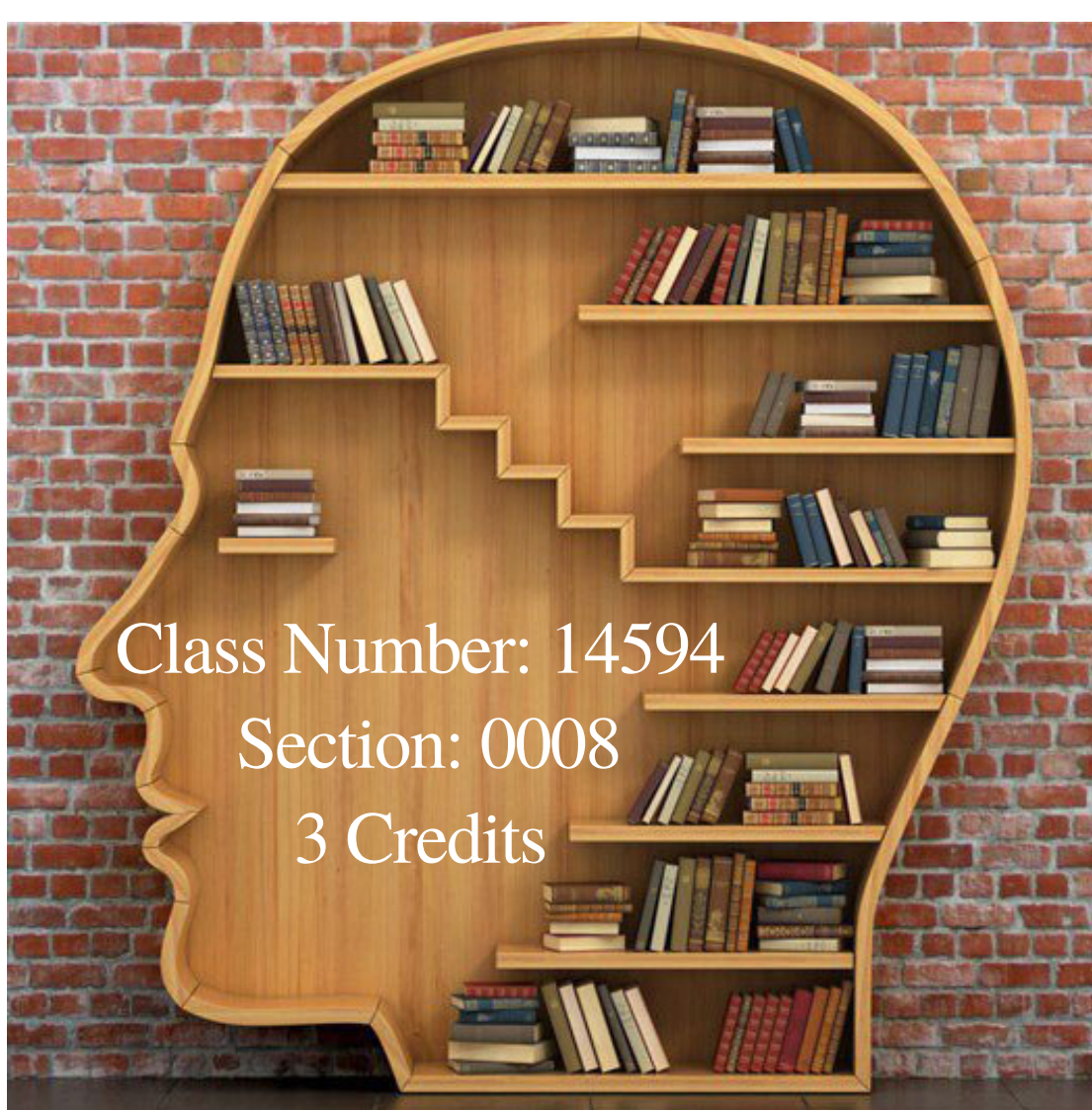




# EDF 4210

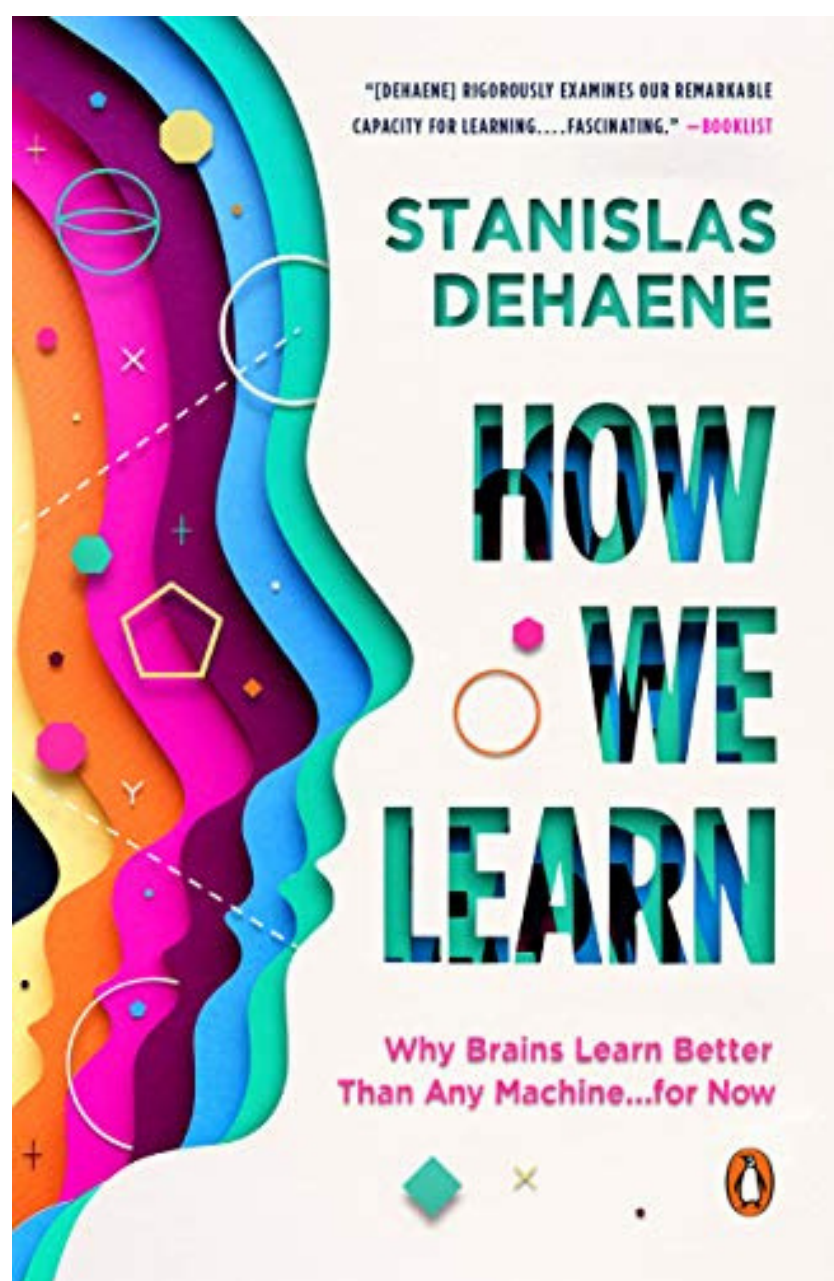
## Educational Psychology: Developing Learners

Fall 2021  
(Online, Synchronous)



Class Number: 14594  
Section: 0008  
3 Credits

### Required Textbooks



*How We Learn*  
by Stanislaus Dehaene

achieve better results in the classroom and will offer practical tools to help students learn in any discipline. No prerequisites.

EDU-101Y **THE MISSING COURSE**

Everything They Never Taught You About College Teaching  
Instructor: David Gooblar

This course will introduce you to the state of the art in teaching and learning. It will help both new and experienced instructors achieve better results in the classroom and will offer practical tools to help students learn in any discipline. No prerequisites.

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*The Missing Course*  
by David Gooblar

**Instructor:** Adam E. Tratner, PhD

**Email:** [atratner@fsu.edu](mailto:atratner@fsu.edu)

**Online Meeting Times:** Monday & Wednesday 5:30pm - 6:45pm. Hosted on Zoom.

**Online Office Hours:** By appointment.

### Course Description

This course will introduce concepts of human development, learning, and motivation as foundations for the planning and implementation of classroom instruction. Students are expected to acquire and use theoretical and empirical knowledge to inform decisions about strategies for helping students develop, learn, and achieve.

### Materials

**Textbooks:**

Dehaene, S. (2020). *How We Learn: Why Brains Learn Better Than Any Machine...for Now*. New York, NY: Penguin.

ISBN (paperback): 9780525559900

ISBN (ebook): 9780525559894

Gooblar, D. (2019). *The Missing Course: Everything they never taught you about college teaching*. Cambridge, MA: Harvard University Press.

ISBN (paperback): 9780674984417

ISBN (ebook): 9780674242470

### Student Learning Goals

- Understand how learning takes place in the mind and brain.
- Apply insights from neuroscience and cognitive psychology to enhance teaching activities.
- Describe key concepts, principles, and overarching themes in the developmental psychology of learning.
- Understand and implement scientifically-validated teaching methods.

The above student learning goals will be assessed through performance on quizzes, the midterm, and homework assignments.

## Course Content

Assignments, announcements, supplemental resources, grades, and other things will be posted to and available through **Canvas** (<http://canvas.fsu.edu>).

I will post my lecture slides immediately after each class, and lecture quizzes immediately after class on Monday & Wednesday. The quizzes, midterm exam, and homework assignments can be accessed and completed via Canvas. See schedule below for all due dates.

### **Grade Determination**

The class is out of 200 total points split between 4 grade categories:

<b>Attendance</b>	<b>Lecture Quizzes</b>	<b>Midterm Exam</b>	<b>Class Activity Assignments</b>	<b>Course Total</b>
25 points (12.5%)	75 points (37.5%)	50 points (25%)	50 points (25%)	200 points

**25 points - Attendance:** Attending virtual class sessions on Zoom is mandatory. You are required to turn on your camera. Each class that you attend is worth 1 point. If you attend every single virtual class session this semester, you will earn 25 points (i.e., because there are 25 class sessions). If you attend every single class, you will earn an additional 3 points of extra credit at the end of the semester.

**75 points - Lecture Quizzes:** After each lecture there will be a short lecture quiz (~10 minutes) that assesses your knowledge/understanding of the information presented in the lecture. Lecture quizzes cover the material from the previous class session and are due before the next virtual class session. For example, the lecture quiz corresponding with Monday's lecture is due at 5:30 pm on Wednesday, and the lecture quiz corresponding with Wednesday's lecture is due the following Monday at 5:30pm. There are 16 lecture quizzes throughout the semester, however, only 15 quizzes will be counted towards your final grade. Each lecture quiz is worth 5 points.

**50 points – Midterm Exam:** There will be 1 cumulative exam in the middle of the semester.

**25 points - Class Activity Assignments:** Towards the end of the semester, you will complete written homework assignments that correspond with the assigned reading. For each chapter of *The Missing Course*, you will devise a classroom activity based on the author's recommendations and using any principles of learning presented in class. Detailed directions for how to complete these assignments will be posted on Canvas. Each class activity assignment is worth 6.25 points.

## **Grade Calculator**

<b>Percent Grade</b>	<b>Letter Grade</b>
92-100%	A
90-91%	A-
88-89%	B+
82-87%	B
80-81%	B-
78-79%	C+
72-77%	C
70-71%	C-
68-69%	D+
62-67%	D
60-61%	D-
≤59%	F

### **Course Expectations**

#### **General Expectations**

All correspondences (emails, virtual classes, appointments, phone calls) must be in **English**. It is expected that students will devote roughly **10 hours** per week on this course, split between attending virtual classes, completing assignments, studying, reading, and meeting with the professor (if needed). Students are expected to complete all assignments individually unless otherwise stated.

#### **Expectations for Students**

- (1) Have a reliable internet connected computer with the most updated Canvas-compatible web browsers (e.g., Chrome, Firefox, Safari, Edge). You may also need up-to-date versions of a Flash player, Java, and a PDF viewer (e.g., Adobe).
- (2) Have a backup plan to be able to log in from another computer or another location in the event that your computer crashes or internet goes down. Plan ahead for attending virtual classes, taking quizzes, and submitting assignments!
- (3) Log in to Canvas at least 3-5 times a week; checking Canvas daily is recommended.
- (4) Follow the calendar of events and complete all of the quizzes assignments by their deadlines.
- (5) Respond to emails within 24 hours during weekdays (48 hours on weekends).
- (6) Participate in a thoughtful and polite manner.
- (7) Observe proper classroom etiquette by respecting each other's privacy, using constructive criticism, and refraining from derogatory/inflammatory comments.

#### **Expectations for the Instructor**

- (1) I (the instructor) will log in to the course daily and will alert students if I will be absent [this is unlikely to happen].
- (2) I (the instructor) will respond to your questions, concerns, and emails within 24 hours [48 hours on weekends].
- (3) I (the instructor) will grade all assignments in a timely manner [within 2-3 days].

### **\*SUDDEN LOSS OF INTERNET ACCESS\*:**

If you lose access to a reliable internet connection, it is necessary to contact me as soon as possible. Without internet, you will be unable to complete quizzes, submit assignments, or attend virtual class sessions. If you cannot reach me by email, you may call me/WhatsApp me. The sooner that I am aware of your situation, the faster I can guide you towards resources to obtain internet access and work with you to come up with a solution. Here is my phone number in case of emergency: (507) 6345-1607

### **Technical Support**

If you are unfamiliar with the Canvas platform, are or are unsure of how to navigate the online resources, or are experiencing other technical difficulties, here are some useful resources:

- FSU Information Technology Services: <https://its.fsu.edu/its-service-desk>

For more Canvas tutorials and learning support:

- <https://community.canvaslms.com/t5/Student-Guide/tkb-p/student>

## **Course Policies**

### **Attendance**

Students who do not attend the first virtual class meeting will be dropped from the course by the academic department that offers the course. This policy applies to all levels of courses and to all campuses and study centers. It remains the student's responsibility to verify course drops and check that fees are adjusted. If you miss a day of class, you are responsible for any materials or lecture that day and for any reading assignments. If you miss a quiz or assignment, you cannot make it up (unless you have a legitimate excuse and documentation to show it). I strongly recommend that you get the names, phone numbers, and email addresses of at least 3 people in this class from whom you can get missed notes.

Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

### **Late or Missed Quizzes, Midterm Exam, Homework Assignments**

All coursework is due BEFORE the assigned due dates indicated on the course schedule. Late work will NOT be accepted unless you have a legitimate excuse (note: loss of internet access is legitimate). If you must miss a class session or cannot submit an assignment for whatever reason, inform me as far in advance as possible (e.g., for religious holidays or University events). If it is not possible to notify me in advance (e.g., for last-minute illness or emergency), contact me as soon as possible by email ([atratner@fsu.edu](mailto:atratner@fsu.edu)). I may ask for documentation to show that your absence or missed assignment was for a legitimate reason. All makeups must occur as soon as possible, which in most cases will be no later than during the next 24 hours following the due date.

## **Grade Disputes**

If something seems wrong with your grade, please bring it to my attention as soon as possible. Honest mistakes do occasionally happen. If you would like to dispute a grade, you will have 7 days to bring your grade dispute to my attention. However, in order for me to amend your grade, you cannot simply state that I am wrong; you must appeal to me using concrete evidence and/or logical reasoning for why you deserve a better grade.

## **Student Eligibility for an Incomplete Grade**

Incomplete ("I") grades will not be assigned, except in the case of exceptional unforeseen circumstances that occur within the last three weeks of the semester and your work has otherwise been satisfactory (C average).

## **Academic Honor Policy**

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to *"...be honest and truthful and...[to] strive for personal and institutional integrity at Florida State University."* For more information on the Florida State University Academic Honor Policy, please visit the website: <http://fda.fsu.edu/Academics/AcademicHonor-Policy>

Plagiarism is the unauthorized use of other people's intellectual product. Borrowing material from other sources without giving credit to the original author shows disrespect for intellectual property, it and will not be tolerated. Plagiarism can take several forms: careless paraphrasing that maintains a considerable part from the original without quotation marks; downloading essays from a web site and using them as one's own; having someone else write an essay; "forgetting" to place quotation marks around a borrowed passage; paraphrasing a document and including it in your work without citing the original source. Whenever you decide to consult secondary sources, do so responsibly: give credit to the author by indicating the source, and quote appropriately. Any written work that shows signs of plagiarism will receive a failing score without any opportunity to make up. Repeated cases of plagiarism may result in a failing grade.

## **Special Considerations & Americans With Disabilities Act**

Florida State University (FSU) values diversity and inclusion; we are committed to a climate of mutual respect and full participation. Our goal is to create learning environments that are usable, equitable, inclusive, and welcoming. FSU is committed to providing reasonable accommodations for all persons with disabilities in a manner that is consistent with academic standards of the course while empowering the student to meet integral requirements of the course.

To receive academic accommodations, a student:

- (1) Must register with and provide documentation to the Office of Accessibility Services (OAS);
- (2) Must provide a letter from OAS to the instructor indicating the need for accommodation and what type; and,
- (3) Should communicate with the instructor, as needed, to discuss recommended accommodations. A request for a meeting may be initiated by the student or the instructor.

Please note that instructors are not allowed to provide classroom accommodations to a student until appropriate verification from the Office of Accessibility Services has been provided. This syllabus and other class materials are available in alternative format upon request. For more information about services available to FSU students with disabilities please visit the Office of Accessibility Services website (<https://dsst.fsu.edu/oas>), or contact the office directly:

874 Traditions Way  
108 Student Services Building  
Florida State University  
Tallahassee, FL 32306-4167  
(850) 644-9566 (voice)  
(850) 644-8504 (TDD)  
[oas@fsu.edu](mailto:oas@fsu.edu)

### **Tutoring & Other Assistance**

The Writing Center of FSU Panama can provide support with your essays and research projects. Additionally, the Reading/Writing Center of FSU located in Tallahassee can provide tutoring online. For more information and appointments visit: <http://wr.english.fsu.edu/Reading-Writing-Center/RWC-Online>. If you have questions about any aspect of this class or any aspect of the assignments, please reach out to me. A wealth of resources on research guides, and citation styles can be found through the FSU libraries online: [www.lib.fsu.edu](http://www.lib.fsu.edu)

*Note: This syllabus is subject to change; changes will be noted online in Canvas, and a current version of the syllabus reflecting any changes will be available at all times through Canvas. Students are responsible for ensuring they are referencing the most current version of this syllabus. This course will observe all deadlines posted on the FSU Panama Academic Calendar, including add/drop dates.*

Week	Date	Topic	Assigned Reading	Assigned Pages	Assignment Due
1	M	23/8/21	Introduction to the Class	Syllabus	
	W	25/8/21	Neural Processes: A Review		Lecture Quiz #1
2	M	30/8/21	Brain & Cognition: A Review		Lecture Quiz #2
	W	1/9/21	What is Learning? (I)	How We Learn 1-26	Lecture Quiz #3
3	M	6/9/21	What is Learning? (II)	How We Learn 27-48	Lecture Quiz #4
	W	8/9/21	How Our Brain Learns (I)	How We Learn 49-68	Lecture Quiz #5
4	M	13/9/21	How Our Brain Learns (II)	How We Learn 69-82	Lecture Quiz #6
	W	15/9/21	How Our Brain Learns (III)	How We Learn 83-118	Lecture Quiz #7
5	M	20/9/21	How Our Brain Learns (IV)	How We Learn 119-142	Lecture Quiz #8
	W	22/9/21	The Four Pillars of Learning (I)	How We Learn 143-176	Lecture Quiz #9
6	M	27/9/21	The Four Pillars of Learning (II)	How We Learn 177-198	Lecture Quiz #10
	W	29/9/21	The Four Pillars of Learning (III)	How We Learn 199-220	Lecture Quiz #11
7	M	4/10/21	The Four Pillars of Learning (IV)	How We Learn 221-236	Lecture Quiz #12
	W	6/10/21	Reconciling Education with Neuroscience	How We Learn 236-245	Lecture Quiz #13
8	M	11/10/21	Midterm Exam		
	W	13/10/21	Learning Across the Lifespan (I)		

<b>9</b>	<b>M</b>	18/10/21	Learning Across the Lifespan (II)			Lecture Quiz #14
	<b>W</b>	20/10/21	Learning Across the Lifespan (III)			Lecture Quiz #15
<b>10</b>	<b>M</b>	25/10/21	Introduction	The Missing Course	1-13	Lecture Quiz #16
	<b>W</b>	27/10/21	Helping Students Revise Themselves	The Missing Course	14-43	Class Activity Assignment #1
<b>11</b>	<b>M</b>	1/11/21	No Class!			
	<b>W</b>	3/11/21	No Class!			
<b>12</b>	<b>M</b>	8/11/21	Let Students Own the Course	The Missing Course	44-74	Class Activity Assignment #2
	<b>W</b>	10/11/21	No Class!			
<b>13</b>	<b>M</b>	15/11/21	Building a Better Course	The Missing Course	75-105	Class Activity Assignment #3
	<b>W</b>	17/11/21	Teaching the Students in the Room	The Missing Course	106-129	Class Activity Assignment #4
<b>14</b>	<b>M</b>	22/11/21	Assessment Isn't Just Assessment	The Missing Course	130-155	Class Activity Assignment #5
	<b>W</b>	24/11/21	What Will We Do Today?	The Missing Course	156-176	Class Activity Assignment #6
<b>15</b>	<b>M</b>	29/11/21	Teaching in Tumultuous Times	The Missing Course	177-204	Class Activity Assignment #7
	<b>W</b>	1/12/21	Revise Your Teaching	The Missing Course	205-228	Class Activity Assignment #8