

PSYC22- Infancy Department of Psychology, University of Toronto Winter 2023

Course Description

Infants must learn to navigate their complex social worlds as their bodies and brains undergo incredible changes. This course explores physical and neural maturation, and the development of perception, cognition, language, and social-emotional understanding in infants prenatally until preschool.

Prerequisites: PSYB20H3 and [(PSYB01H3) or (PSYB04H3) or (PSYB70H3)] and

[(PSYB07H3) or (STAB22H3) or (STAB23H3)].

Exclusion: PSY316H1, PSY316H5

Class Time: Tuesdays from 5:00 pm to 7:00 pm

Class Location: MW170

Privacy Statement: There will be recording of class materials and discussions.

Duration of Classes: January 9th to April 10th **Reading Week:** February 18th- February 24th Final Exam Period: April 13th- April 27th

Learning Outcomes

At the end of this course, students should be able to:

- 1. Explain how physical maturation, perception, cognition, language and socialemotional and moral behavior changes from before birth to age four.
- 2. Understand the methodologies used in research with infants and very young children and how to apply these methods to new research ideas.
- 3. Examine how culture and context shape development, and how both biology and experience interact with and shape development.
- 4. Critically evaluate empirical research in developmental psychology.
- 5. Conduct a literature review and identify a novel research question to explore in developmental psychology.
- 6. Communicate these findings effectively, integrating them into developmental psychology theories and existing research and considering future directions.
- 7. Connect concepts learned in class with experiences in everyday life and overarching themes in developmental psychology.

Our Instructional Team

Course Instructor

Dr. Anna Michelle McPhee (she/her)

Course Email: michelle.mcphee@mail.utoronto.ca

Office Hours: Tuesdays from 4 pm – 4:55 pm or by Appointment

Office Location: Zoom

https://utoronto.zoom.us/j/81230158486

Meeting ID: 812 3015 8486

Passcode: Infancy

I completed my PhD in developmental psychology at the University of Toronto. My research focuses on how young children start to understand different types of social affiliations. Specifically, I am interested in investigating the different types of social cues that are used by children to detect and infer kinship relationships between a mother and child, as well as the developmental trajectory of this ability.

Teaching Assistants

Mikayla Samuel: mikayla.samuel@mail.utoronto.ca Luna (Ruoyan) Li: ruoyan.li@mail.utoronto.ca

Email Policy

Students are encouraged to email the course instructor and/or course TAs with questions or concerns about course content or to set-up a virtual meeting. Students are encouraged to make a virtual appointment or to attend office hours for more complicated matters. Emails should originate from students' designated UToronto email account. Emails will be responded to within 48 hours, excluding weekends/holidays. Emails should include "PSYC22" in the subject line.

Ouestion & Answer Sessions

We will schedule drop-in question and answer sessions with the instructor and the TAs on Zoom throughout the term (especially right before the term test and final exam). Please check Quercus regularly for scheduling updates.

Course Materials and Lecture

Course Website: Ouercus

This course uses the University's learning management system, Quercus, to post information about the course. This includes posting readings and other materials required to complete class activities and course assignments, as well as sharing important announcements and updates. The site is dynamic and new information and resources will be posted regularly as we move through the term, so please make it a habit to log in to the site on a regular, even daily, basis. To access the course website, go to the U of T Quercus log-in page at https://q.utoronto.ca. Once you have logged in to Quercus using your UTORid and password, you should see the link or "card" for PSYC22- Infancy. You may need to scroll through other cards to find this. Click on the PSYC22- Infancy link to open our course area,

view the latest announcements and access your course resources. There are Quercus help guides for students that you can access by clicking on the "?" icon in the left side column.

Assigned Readings

In lieu of a required textbook, this course will use assigned readings. There are usually 2 readings a week. Readings may detail empirical research or review the literature on a specific topic. These peer-reviewed readings are the way that infancy researchers communicate with each other and stay up to date on the most current findings, but they may be difficult to get through if students are not used to reading academic papers. That's ok! It is a skill that everyone can build with practice. It is recommended to read the articles through twice, and make a few point-form notes about the purpose, hypotheses, methods, results and implications. Be sure to read the assigned readings before attending lecture each week. The readings will **NOT** be posted on Quercus. **Students will need to use their U of T library** access to find these papers. Students can search for the article through the library website (https://onesearch.library.utoronto.ca/) and use their UTORid for access. See the list of readings below.

Lectures

Lectures will be delivered in MW170. This course, including student participation, will be recorded on video and will be available to students in the course for viewing remotely and after each session.

Course videos and materials belong to the course instructor, the University, and/or other sources depending on the specific facts of each situation, and are protected by copyright. In this course, students are permitted to download session videos and materials for their own academic use, but they should **not** copy, share, or use them for any other purpose without the explicit permission of the instructor.

For questions about recording and use of videos in which you appear please contact the course instructor.

Course Assessments and Grading

Student Evaluation at a Glance

Student Evaluation	Weight	Due Date
Quizzical Question Creation	<mark>6%</mark>	11:45 pm on the Sunday Following Assigned
(2 Questions x 3%/Question)		Lecture
Quizzical Quizzes	<mark>4%</mark>	11:45 pm Two Weeks After Lecture
Research Proposal: Reading Reflection	10%	11:59 pm on Tuesday, January 24 th , 2023.
Term Test #1	25%	During Class on Tuesday, February 14 th , 2023.
Research Proposal: Annotated Bibliography	10%	11:59 pm on Tuesday, February 28th, 2023.
Research Proposal: Final Paper	15%	11:59 pm on Tuesday, April 4 th , 2023.
Final Exam	30%	TBA- Exam Period
Total	100%	

^{*}Organized Chronologically by Due Date

Quizzical: 10%

- Quizzical Question Creation: Quizzical is an educational software designed to help students engage more deeply with course materials. Students can access it via Quercus. Students will be assigned to write **two** multiple-choice questions, which will be graded and count for 6% of their grade. These questions will be due on the Sunday evening by 11:45 pm following the assigned lecture week (i.e., 5 days after lecture).
- Quizzical Quizzes: Students will also be expected to complete a weekly quiz for 8 out of the 10 lectures for the remaining 4%. These quizzes must be completed by Tuesday evening by 11:45 pm two weeks after each lecture week (see course schedule). To get full participation credit, at least 10 questions must be completed. and the average grade on all questions must be at least 70%.

Research Proposal: 35% (See Breakdown Below)

Reading Reflection: 10%

Select one of the assigned readings for the course. This brief reflection should be between 500 and 600 words. Students will be expected to briefly summarize the reading, critique it, and explore questions for future directions. A full rubric and details will be available on Ouercus. This assignment will be due via Ouercus Tuesday, January 24th by 11:59 pm (Week 3). Collaboration is strictly prohibited.

Annotated Bibliography: 10%

Building on the reading reflection assignment, students will be asked to develop a research question for a research proposal. The question must address an unexplored topic in developmental psychology. Students will be asked to find 5 references (in addition to the selected article for the reading reflection) related to the research question. Students will be asked to outline their research question, include APA citations for the 5 selected articles using APA 7th edition format, and write 2-3 sentences per reference describing how the selected article relates to their research question. A detailed rubric and further instructions will be posted on Quercus. This assignment will be due via Quercus Tuesday, February 28th by 11:59 pm (Week 7). Collaboration is strictly prohibited.

Final Paper: 15%

Students will be required to create a brief research proposal that will expand upon their annotated bibliography. The purpose of the research proposal will be to further examine a topic in developmental psychology and to propose the 'next steps' for moving the field forward.

Students have two options:

- a) Written Research Report for a Scientific Audience
- b) Science Podcast for a General Audience (audiovisual)

With both formats, students will be expected to review the literature, introduce the research question, outline the hypotheses, discuss the significance and implications, real-world applications, and future directions. Students will also be expected to submit a written reference section (using APA 7th edition format). When choosing

between the two formats, students are encouraged to consider which exercise might be more useful in their future career path. Rubrics and more details about the assignment will be available on Quercus. This assignment will be due via Quercus Tuesday, April 4th by 11:59 pm (Week 12). Collaboration is strictly prohibited.

Term Test & Final Exam: 55% total (See Breakdown Below)

There will be one term test and a final exam. More details about these assessments will be posted on Quercus. The registrar will be scheduling the final exam, so stay tuned to the Class Announcements for more details.

- Term Test (25%): This test will cover lecture and readings from Weeks 1 to 5-Tuesday, February 14th during class time.
- Final Exam (30%): This test will cover lecture and readings from Weeks 1 to 12 (with a focus on Weeks 7-12).

Course Schedule & Readings

Date & Week #	Topic & Assigned Readings	Evaluation
Jan. 10 th Week 1	Prenatal Development Kisilevsky, B. S., Hains, S. M., Lee, K., Xie, X., Huang, H., Ye, H. H., & Wang, Z. (2003). Effects of experience on fetal voice recognition. Psychological Science, 14(3), 220–224. https://doi.org/10.1111/1467-9280.02435	Quizzical Question Creation #1 Due Sun. Jan. 15 th
	Dudek, J., Colasante, T., Zuffianò, A., & Haley, D. W. (2020). Changes in cortical sensitivity to infant facial cues from pregnancy to motherhood predict mother–infant bonding. <i>Child Development</i> , <i>91</i> (1), e198-e217. https://doi.org/10.1111/cdev.13182	
Jan. 17 th	Perceptual Narrowing	Quizzical Question Creation #2 Due Sun.
Week 2	Hwang, H. G., Debnath, R., Meyer, M., Salo, V. C., Fox, N. A., & Woodward, A. (2020). Neighborhood racial demographics predict infants' neural responses to people of different races. <i>Developmental Science</i> , Article e13070. https://doi.org/10.1111/desc.13070	Jan. 22 nd
	Maurer, D., & Werker, J. F. (2014). Perceptual narrowing during infancy: A comparison of language and faces. <i>Developmental Psychobiology</i> , <i>56</i> (2), 154–178. https://doi.org/10.1002/dev.21177	
Jan. 24 th Week 3	Motor Development Han, D., & Adolph, K. E. (2020). The impact of errors in infant development: Falling like a baby. Developmental Science, Article e13069.	Quizzical Question Creation #3 Due Sun. Jan. 29 th
	https://doi.org/10.1111/desc.13069 Hym, C., Forma, V., Anderson, D. I., Provasi, J., Granjon, L., Huet, V., & Barbu-Roth, M. (2020). Newborn crawling and rooting in response to	Quizzical Quiz 1 Due Tues. Jan. 24 th
	maternal breast odor. <i>Developmental Science</i> , Article e13061. https://doi.org/10.1111/desc.13061	Reading Reflection Assignment Due Tues. Jan. 24 th
Jan. 31st Week 4	Cognitive Development	Quizzical Question Creation #4 Due Sun.
week 4	Dunn, K., & Bremner, J. G. (2020). Investigating the social environment of the A-not-B search task. <i>Developmental Science</i> , 23(3), Article e12921. https://doi.org/10.1111/desc.12921	Mar. 5 th Quizzical Quiz 2 Due Tues. Jan. 31 st
	Izard, V., Sann, C., Spelke, E., & Streri, A. (2009). Newborn infants perceive abstract numbers. <i>The Proceedings of the National Academy of Sciences USA</i> , 106(25), 10382-10385. https://doi.org/10.1073/pnas.0812142106	1 000 van 3 1

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Feb. 7 th	Communication & Language	Quizzical Question
Week 5		Creation #5 Due Sun.
	Donnellan, E., Bannard, C., McGillion, M. L., Slocombe, K. E., & Matthews, D.	Feb. 12 th
	(2020). Infants' intentionally communicative vocalizations elicit responses	Oniggiool Onig 2 Duo
	from caregivers and are the best predictors of the transition to language: A	Quizzical Quiz 3 Due Tues. Feb. 7 th
	longitudinal investigation of infants' vocalizations, gestures and word production. <i>Developmental Science</i> , 23(1), Article e12843.	Tues. Peo. /
	https://doi.org/10.1111/desc.12843	
	https://doi.org/10.1111/desc.12045	
	Kandhadai, P., Danielson, D. K., & Werker, J. F. (2014). Culture as a binder for	
	bilingual acquisition. Trends in Neuroscience and Education, 3(1), 24–27.	
	https://doi.org/10.1016/j.tine.2014.02.001	
Feb. 14 th	***TERM TEST***	No Oviggical Creation
	""" I EKWI I ESI """	No Quizzical Creation Question Due
Week 6	Pending Registrar Scheduling*	Question Due
	Covering Lectures and Readings from Weeks 1 to 5	Quizzical Quiz 4 Due
	covering Econors and Readings from Works 1 to 5	Tues. Feb. 14 th
Feb. 21st	Reading Week	
Feb. 28 th	Emotion & Temperament	Quizzical Question
Week 7	Emotion & Temperament	Creation #7 Due Sun.
WCCK /	Tang, A., Crawford, H., Morales, S., Degnan, K. A., Pine, D. S., & Fox, N. A.	Mar. 5 th
	(2020). Infant behavioral inhibition predicts personality and social	
	outcomes three decades later. Proceedings of the National Academy of	Quizzical Quiz 5 Due
	Sciences, 117(18), 9800-9807. https://doi.org/10.1073/pnas.1917376117	Tues. Feb. 28 th
	Addabbo, M., Vacaru, S. V., Meyer, M., & Hunnius, S. (2020). 'Something in	
	the way you move': Infants are sensitive to emotions conveyed in action	Annotated
	kinematics. Developmental Science, 23(1), Article e12873.	Bibliography Due
	https://doi.org/10.1111/desc.12873	Tues. Feb. 28 th
Mar. 7 th	Social & Moral Development- Part I	Quizzical Question
Week 8		Creation #8 Due Sun.
	Nagy, E., Pilling, K., Orvos, H., & Molnar, P. (2013). Imitation of tongue	Mar. 12 th
	protrusion in human neonates: Specificity of the response in a large	
	sample. Developmental Psychology, 49(9), 1628–1638.	
	https://doi.org/10.1037/a0031127	
	Lucca, K., Pospisil, J., & Sommerville, J. A. (2018). Fairness informs social	
	decision making in infancy. PLoS One, 13(2), e0192848.	
	https://doi.org/10.1371/journal.pone.0192848	
Man 14th	Cocial & Moval Davolonwout Davi II	Ouizziaal Ovaction
Mar. 14 th Week 9	Social & Moral Development- Part II	Quizzical Question Creation #9 Due Sun.
week 9	Hamlin, J. K., Wynn, K., & Bloom, P. (2007). Social evaluation by preverbal	Mar. 19 th
	infants. <i>Nature</i> , 450, 557-560. http://dx.doi.org/10.1038/nature06288	IVIAI. 17
	in the state of th	Quizzical Quiz 7 Due
	Scarf, D., Imuta, K., Colombo, M., & Hayne, H. (2012). Social evaluation or	Tues. Mar. 14 th
	simple association? Simple associations may explain moral reasoning in	
	infants. PLoS ONE, 7(8), Article e42698.	
	https://doi.org/10.1371/journal.none.0042698	

https://doi.org/10.1371/journal.pone.0042698

Please note: The class schedule is subject to change due to unforeseen circumstances.

Course Policies

Late Policy

There will be a 10% late penalty for every day an assignment is late. Students will be provided with 2 'late tickets'. One 'late ticket' will allow for one 24-hour extension to an assignment without penalty. In other words, one ticket is equal to an extension of one day. Students may apply the 'late tickets' to their reading reflection, annotated bibliography, or final paper. 'Late tickets' may **not** be applied to Quizzical **nor** for the term test **nor** final exam. Students may apply their 'late tickets' to one assignment or to multiple assignments.

Please use this link:

https://utorontopsych.az1.qualtrics.com/jfe/form/SV 4Uh2PENVUGe6kom and passcode: **PSYC22** to request the use of a 'late ticket'. It is important to note that students must complete the Qualtrics form to request the use of a 'late ticket' in advance of the due date of an assignment. Completing the form after the deadline for an assignment will **not** be accepted. For work missed due to extenuating circumstances please see the Missed Term Work Policy below.

University's Plagiarism Detection Tool

Normally, students will be required to submit their course essays to the University's plagiarism detection tool for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the tool's reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of this tool are described on the Centre for Teaching Support & Innovation website (https://uoft.me/pdt-faq).

Academic Integrity

The University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters (http://www.governingcouncil.utoronto.ca/policies/behaveac.htm) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences.

Potential offences in papers and assignments include using someone else's ideas or words without appropriate acknowledgement, submitting your own work in more than one course without the permission of the instructor, making up sources or facts, obtaining or providing unauthorized assistance on any assignment.

On tests and exams cheating includes using or possessing unauthorized aids, looking at someone else's answers during an exam or test, misrepresenting your identity, or falsifying or altering any documentation required by the University, including (but not limited to) doctor's notes.

Accommodations

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office (http://www.utsc.utoronto.ca/ability/) as soon as possible.

AccessAbility Services staff (located in Rm AA142, Arts and Administration Building) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. Please contact 416-287-7560 (tel/TTY) or email ability.utsc@utoronto.ca for more information. The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.

Religious Accommodations

The University has a commitment concerning accommodation for religious observances. I will make every reasonable effort to avoid scheduling tests, examinations, or other compulsory activities on religious holy days not captured by statutory holidays. According to University Policy, if you anticipate being absent from class or missing a major course activity (like a test, or in-class assignment) due to a religious observance, please let me know as early in the course as possible, and with sufficient notice (at least two to three weeks), so that we can work together to make alternate arrangements.

Equity, Diversity and Inclusion

The University of Toronto is committed to equity, human rights and respect for diversity. All members of the learning environment in this course should strive to create an atmosphere of mutual respect where all members of our community can express themselves, engage with each other, and respect one another's differences. U of T does not condone discrimination or harassment against any persons or communities.

Land Acknowledgement

We wish to acknowledge this land on which the University of Toronto operates. For thousands of years it has been the traditional land of the Huron-Wendat, the Seneca, and the Mississaugas of the Credit. Today, this meeting place is still the home to many Indigenous people from across Turtle Island and we are grateful to have the opportunity to work on this land.

Centre for Teaching and Learning

The Centre for Teaching and Learning (CTL) is available to support students in their writing, English language, math and stats, and professional development needs. It offers online tutoring and consultations and has a variety of helpful online resources. For more information, please visit CTL's Academic Learning Support site at http://uoft.me/AcademicLearningSupport.

Mental Wellness

It is not uncommon for university students to experience a range of health and mental health issues that may result in barriers to achieving their academic goals. The University of Toronto offers a wide range of services that may be of assistance. Students are encouraged to seek out these resources early and often.

Student Mental Health Resource: https://mentalhealth.utoronto.ca

On Campus: Students' college Registrar's Office, and / or Dean of Students' Office

Student Life: http://www.studentlife.utoronto.ca

Health and Wellness Centre: http://www.studentlife.utoronto.ca/hwc

Campus Police: (416) 978-2222

Off-Campus: Good2Talk - a post-secondary (24/7) helpline (1-866-925-5454).

Masks in the Classroom

While the mask mandate has been paused as of 1 July 2022, the use of medical masks continues to be strongly encouraged at U of T Scarborough in indoor settings where physical distancing is not possible. We ask everyone to respect each other's decisions, comfort levels, and health needs. Masks are available at all building entrances at U of T Scarborough and in all classrooms.

Department of Psychology Missed Term Work Policy

For missed term work (assignments and term tests) due to illness, emergency, or other mitigating circumstances, please follow the procedures outlined below.

Note:

- The following reasons are not considered sufficient for missed term work: travel for leisure, weddings, personal commitments, work commitments, human error.
- <u>Missed Final Exams</u> are handled by the Registrar's Office and should be declared on eService.
- Instructors cannot accept term work any later than five business days after the last day of class. Beyond this date, accommodations are only possible via the Registrar's Office petition process.

The email address to submit missed term work accommodation requests in PSYC22 is: michelle.mcphee@mail.utoronto.ca

ILLNESS OR EMERGENCY accommodations:

For missed work due to ILLNESS OR EMERGENCY, complete the following process:

- 1. Complete the Request for Missed Term Work Accommodations Form.
- 2. Declare your absence on <u>ACORN</u> (Profile & Settings > Absence Declaration)
- 3. Email **both** of the following items to the course email **WITHIN 2 BUSINESS DAYS** of the missed work:
 - a. the Request for Missed Term Work Accommodations Form
 AND
 - b. a screenshot of your Self-Declared Absence on ACORN

Note:

- If you are unable to submit your request within 2 business days, you must still email your instructor within the 2 business day window to explain the nature of the delay. Exceptions to the 2 business day deadline will only be made under exceptional circumstances.
- If your absence is declared on ACORN, we do not require any additional supporting documentation (e.g. medical notes) to support your missed term work accommodation request.

ACADEMIC CONFLICT accommodations:

For missed term work due to an ACADEMIC CONFLICT (e.g. two midterms at the same time):

- 1. Complete the Request for Missed Term Work Accommodations Form.
- 2. Take screenshots of your course Quercus pages that demonstrate the conflict.
- 3. Email the form and screenshots to the course email at least two weeks (10 business days) before the date of the activity, or as soon as possible if it was not possible to identify the conflict earlier. Requests sent after the activity deadline may not be accommodated.

Note:

- Multiple assignments due on the same day are <u>not</u> considered conflicts. Students are expected to manage their time effectively to meet assignment deadlines.
- Back-to-back tests/quizzes are <u>not</u> considered conflicts. Only overlapping activities are conflicts.

• Students are responsible for keeping their course timetables conflict-free. Students who register in two courses with overlapping lecture/tutorial/lab schedules will not be accommodated.

RELIGIOUS CONFLICT accommodations:

For missed term work due to a RELIGIOUS CONFLICT:

- 1. Complete the Request for Missed Term Work Accommodations Form.
- 2. Email the form to the course **email at least two weeks (10 business days) before the date of the activity**, or as soon as possible if it was not possible to identify the conflict earlier. Requests sent after the activity deadline may not be accommodated.

ACCESSABILITY SERVICES accommodations:

For missed *TERM TESTS* due to ACCESSABILITY REASONS:

• Contact your AccessAbility consultant and have them email the course email detailing accommodations required.

For missed **ASSIGNMENTS** due to ACCESSABILITY REASONS:

- If your desired accommodation is **within the scope** of your Accommodation Letter (e.g. your letter includes "extensions of up to 7 days" and you need 3 days):
 - 1. Complete the Request for Missed Term Work Accommodations Form.
 - 2. Email the form *AND* your Accommodation Letter to the course email specifying how many days extension you are requesting.
- If your desired accommodation is **outside the scope** of your Accommodation Letter (e.g. your letter includes "extensions of up to 7 days" but you need more time than that):
 - 1. **Contact your AccessAbility consultant** and have them email the course email detailing the accommodations required.

Accommodation Procedure:

After submitting your documentation, you will receive a response from your instructor or TA. This form does not guarantee that you will be accommodated. The course instructor reserves the right to decide what accommodations (if any) will be made. Failure to adhere to any aspect of this policy may result in a denial of your request. You are responsible for checking your official U of T email and Quercus course announcements daily, as accommodations may be time-critical.

For missed assignments, do not wait for the instructor's response to resume work on your assignment. Extensions may be as short as one business day, depending on the nature of the illness/emergency. Complete your assignment as soon as you're able, and email it to your instructor.

For an **anticipated absence** (e.g. a scheduled surgery or an illness with a prolonged recovery period), if you would like to request accommodations in advance, submit a <u>Verification of Illness Form</u> completed by your doctor AND the <u>Request for Missed Term Work Accommodations Form</u> to the course email. Absences can be declared up to 14 days into the future on ACORN.

Missed Accommodations

If an accommodation is granted but a continued illness/emergency prevents you from meeting its requirements, you must <u>repeat</u> the missed term work procedure to request additional accommodations. Please make it clear in your subject line that you are requesting a second accommodation. E.g. If you are given an extension but are still sick and need more time, or if you miss a <u>make-up</u> term test, you must submit *another* <u>Request for Missed Term Work</u> <u>Accommodations Form</u> and declare your extended absence on ACORN. *Note: In the case of a

missed make-up test, an opportunity to write a second make-up test may not necessarily be provided.

Grade Scale

Numerical Marks	Letter Grade	Grade Point Value
90 – 100%	A+	4.0
85 - 89%	A	4.0
80 - 84%	A-	3.7
77 – 79%	B+	3.3
73 – 76%	В	3.0
70 – 72%	B-	2.7
67 – 69%	C+	2.3
63 – 66%	С	2.0
60 – 62%	C-	1.7
57 – 59%	D+	1.3
53 – 56%	D	1.0
50 – 52%	D-	0.7
0 - 49%	F	0.0