

<b>Course ID:</b>	<b>Course Title:</b>	<b>Winter 2020</b>
KIN 255	Growth and Development	<b>Prerequisite: BIO 131 and BIO 133</b>
		<b>Credits: 3</b>

Class Information		Instructor Information		Important Dates	
<b>Days:</b>	Wednesday/Friday	<b>Instructor:</b>	Dr. Megan C. Hallam	<b>First day of classes:</b>	Tue, Jan 7
<b>Time:</b>	11:15 am – 12:30 pm	<b>Email:</b>	mhallam@ambrose.edu	<b>Last day to add/drop, or change to audit:</b>	Sun, Jan 19
<b>Room:</b>	A2131	<b>Phone:</b>	403-410-2000 ext 6905	<b>Last day to request revised exam:</b>	Mon, Mar 9
<b>Lab/ Tutorial:</b>	None	<b>Office:</b>	L2107	<b>Last day to withdraw from course:</b>	Fri, Mar 20
		<b>Office Hours:</b>	Open door policy, or by appointment	<b>Last day to apply for coursework extension:</b>	Fri, Mar 30
<b>Final Exam:</b>	Final Exam Schedule will be available January 30 through the Office of the Registrar.			<b>Last day of classes:</b>	Fri, Apr 9

### Course Description

This course will teach the physiological and anatomical in the human body through development and childhood, as well as discussing the changes seen with aging. It will teach the effects of aging on body physiology and psychology, and discuss possible physical therapies to counter these effects.

### Expected Learning Outcomes

1. Understand the biological aspects in the stages and patterns of human growth and development.
2. Describe the phases of structural tissues and their role in physiological function in growth and development.
3. Understand inter-individual differences in growth, development and maturation.
4. Understand the regulatory factors influencing growth, development and maturation.
5. Understand the role of physical activity in growth, development and aging.
6. Describe some of the theories related to cellular aging.
7. Understand the physiological changes with aging and the effects on physical activity and capacity.

## Textbook

Human Development and Performance Throughout the Lifespan, 2<sup>nd</sup> Edition. Anne Cronin & Mary Beth Mandich.  
Cengage Learning: Boston, MA.

## Course Schedule

This is a tentative schedule and may be subject to change.

Date	Topic	Textbook Chapter
Jan 8	Introductions	
Jan 10	Theories of Human Development	2, 3
Jan 15	Prenatal Growth	8
Jan 17	Prenatal Growth	8
Jan 22	Cardiorespiratory Changes	
Jan 24	Gastrointestinal Development	
Jan 29	Midterm 1	
Jan 31	Motor Development	10, 12
Feb 5	Communication Development	5
Feb 7	Muscle, Bone, Adipose	10, 12, 13, 14, 16
Feb 12	Hormonal Regulation	
Feb 14	Growth & Exercise	13, 14, 16
Feb 19 & 21	READING WEEK – NO CLASSES	
Feb 26	Growth & Exercise	13, 14, 16
Feb 28	Thermoregulation	
March 4	Presentations	
March 6	Presentations	
March 11	Review	
March 13	Midterm 2	
March 18	Cellular Aging	18
March 20	Muscle, Bone, Adipose in Aging	18
March 25	NO CLASS, AMBROSE RESEARCH CONFERENCE	
March 27	Cardiovascular Changes in Aging	18
April 1	Respiratory Changes in Aging	18
April 3	Aging, Disease, & Physical Activity	18, 22
April 8	Review	

## Requirements:

Midterm 1, January 29 – 18%

Paper, February 14 – 15%

Presentations, March 4 – 15%

Midterm 2, March 13 – 20%

In-class Assignments, TBA – 8%

Final, April, Final Exam Schedule will be available January 30 through the Office of the Registrar – 24%

Assignments should be completed in accordance with the following criteria:

- Typed using a word processor
- Double spaced
- Font style: Times New Roman, Arial or similar
- Font size: 12-point
- Include Title Page following template posted on Moodle for your final report only
- Stapled in the top left hand corner
- Students may choose whether to hand in hard copies single- or double-sided
- Further instructions regarding tables and figures can be found on Moodle

Unless stated otherwise, all assignments are to be done using full sentences with proper spelling and grammar. Each assignment handed in will have marks for 'Presentation'. This includes spelling, grammar, and formatting.

All assignments must be handed in electronically using Moodle in .doc or .docx format. Moodle cannot accept Pages or other kinds of files from Mac computers. A paper copy must also be submitted in class. Failure to hand in both versions will result in a 2 mark deduction on the assignment.

Turnitin will be used for all assignments. This web-based tool will compare your work with numerous sources, including your fellow students, to check for plagiarism. Please ensure you are handing in your own original work and properly citing appropriate sources.

Assignments are due at the beginning of class on the due date. Late assignments will be accepted for 5 days following the initial due date. A deduction of 10% per day will be applied to late assignments. Late presentations may be done 1 class after the scheduled presentation date, late marks (10% per day) will be deducted until the presentation is handed in via email. All late assignments should be emailed to the instructor, and a hard copy of assignments should be handed in as well (except presentations).

## Attendance:

Attendance at lectures is STRONGLY recommended and will help ensure success on course exams and assignments. Lectures will include material and explanation not available in PowerPoint slides that will be testable.

## Grade Summary:

The available letters for course grades are as follows:

Letter Grade	Percentage	Description
A+	95-100%	
A	91-95%	Excellent
A-	88-91%	
B+	83-88%	
B	78-83%	Good
B-	73-78%	
C+	68-73%	
C	64-68%	Satisfactory
C-	60-64%	
D+	55-60%	
D	51-55%	Minimal Pass
F	Below 50%	Failure

Because of the nature of the Alpha 4.00 system, there can be no uniform University-wide conversion scale. The relationship between raw scores (e.g. percentages) and the resultant letter grade will depend on the nature of the course and the instructor's assessment of the level of each class, compared to similar classes taught previously.

Please note that final grades will be available on student registration system. Printed grade sheets are not mailed out.

While Moodle will be used to report your grades on individual assignments and exams, it is not used to calculate your overall grade in the course, so will not be set up to reflect your calculated total. It is important that you pick up and/or review all assignments and exams so that you are aware of your official grade for each component of the course.

## Other:

### Plagiarism Policy:

It is your responsibility to ensure that all work you submit is original and that credit is given to ideas that are not your own. See below for Ambrose's statement defining plagiarism and outlining its consequences. While you will be working with at least one partner during labs it is expected that you each hand in your own, individual assignment that is your own original work.

Examples of plagiarism include, but are not limited, to:

1. Copying an assignment from someone else and submitting it as your own work.
2. Working with a friend and writing down identical answers, whether you understand the content or not, and submitting the assignments separately.
3. Quoting directly from a source without supplying quotation marks or a citation.
4. Quoting directly from a source without supplying quotation marks, even if it is referenced.
5. Submitting an assignment in which >30% of the content is properly quoted; that is, at least 70% of the words in an assignment need to be your own. A general rule of thumb: for every line quoted, there should be three lines of your own material explaining that quote.
6. Submitting the same or similar assignment for more than one class, or more than one iteration of the same class.

### **Penalties for plagiarism**

For a first offense in any one of my classes, a zero on the assignment with no chance of rewriting it, and a note in your academic file.

For a second offense in any one of my classes, a zero in the class, and recommendation for a note on your transcript.

For a third offense in any one of my classes, a zero in the class and a recommendation for expulsion from the university.

Note that Ambrose has an appeals process in place if you feel that allegations of plagiarism are unfounded; these are for final marks only, and not for individual assignments.

Note that my record of a student's past plagiarism does not reset with each semester.

## Ambrose University Academic Policies:

### Communication

All students have received an Ambrose e-mail account upon registration. It is the student's responsibility to check this account regularly as the Ambrose email system will be the professor's instrument for notifying students of important matters (cancelled class sessions, extensions, requested appointments, etc.) between class sessions. If students do not wish to use their Ambrose accounts, they will need to forward all messages from the Ambrose account to another personal account.

### Registration

During the **Registration Revision Period** students may enter a course without permission, change the designation of any class from credit to audit and /or voluntary withdraw from a course without financial or academic penalty or record. Courses should be added or dropped on the student portal by the deadline date; please consult the List of Important Dates. After that date, the original status remains and the student is responsible for related fees.

Students intending to withdraw from a course after the Registration Revision Period must apply to the Office of the Registrar by submitting a "Request to Withdraw from a Course" form or by sending an email to the Registrar's Office by the **Withdrawal Deadline**; please consult the List of Important Dates on the my.ambrose.edu website. Students will not receive a tuition refund for courses from which they withdraw after the Registration Revision period. A grade of "W" will appear on their transcript.

Students wishing to withdraw from a course, but who fail to do so by the applicable date, will receive the grade earned in accordance with the course syllabus. A student obliged to withdraw from a course after the Withdrawal Deadline because of health or other reasons may apply to the Registrar for special consideration.

### Exam Scheduling

Students, who find a conflict in their exam schedule must submit a Revised Examination Request form to the Registrar's Office by the deadline date; please consult the List of Important Dates. Requests will be considered for the following reasons only: 1) the scheduled final examination slot conflicts with another exam; 2) the student has three final exams within three consecutive exam time blocks; 3) the scheduled final exam slot conflicts with an exam at another institution; 4) extenuating circumstances. Travel is not considered a valid excuse for re-scheduling or missing a final exam.

### Electronic Etiquette

Students are expected to treat their instructor, guest speakers, and fellow students with respect. It is disruptive to the learning goals of a course or seminar and disrespectful to fellow students and the instructor to use electronics for purposes unrelated to the course during a class session. Turn off all cell phones and other electronic devices during class. Laptops should be used for class-related purposes only. Do not use iPods, MP3 players, or headphones. Do not text, read, or send personal emails, go on Facebook or other social networks, search the internet, or play computer games during class. Some professors will not allow the use of any electronic devices in class. The professor has the right to disallow the student to use a

laptop in future lectures and/or to ask a student to withdraw from the session if s/he does not comply with this policy. Repeat offenders will be directed to the Dean. If you are expecting communication due to an emergency, please speak with the professor before the class begins.

### Academic Policies

It is the responsibility of all students to become familiar with and adhere to academic policies as stated in the Academic Calendar. Personal information (information about an individual that may be used to identify that individual) may be required as part of taking this class. Any information collected will only be used and disclosed for the purpose for which the collection was intended. For further information contact the Privacy Compliance Officer at [privacy@ambrose.edu](mailto:privacy@ambrose.edu).

### Extensions

Although extensions to coursework in the semester are at the discretion of the instructor, students may not turn in coursework for evaluation after the last day of the scheduled final examination period unless they have received permission for a course Extension from the Registrar's Office. Requests for course extensions or alternative examination time must be submitted to the Registrar's Office by the deadline date; please consult the List of Important Dates. Course extensions are only granted for serious issues that arise "due to circumstances beyond the student's control."

### Appeal of Grade

An appeal for change of grade on any course work must be made to the course instructor within one week of receiving notification of the grade. An appeal for change of final grade must be submitted to the Registrar's Office in writing and providing the basis for appeal within 30 days of receiving notification of the final grade, providing the basis for appeal. A review fee of \$50.00 must accompany the appeal. If the appeal is sustained, the fee will be refunded.

### Academic Integrity

We are committed to fostering personal integrity and will not overlook breaches of integrity such as plagiarism and cheating. Academic dishonesty is taken seriously at Ambrose University as it undermines our academic standards and affects the integrity of each member of our learning community. Any attempt to obtain credit for academic work through fraudulent, deceptive, or dishonest means is academic dishonesty. Plagiarism involves presenting someone else's ideas, words, or work as one's own. Plagiarism is fraud and theft, but plagiarism can also occur by accident when a student fails or forgets to acknowledge to another person's ideas or words. Plagiarism and cheating can result in a failing grade for an assignment, for the course, or immediate dismissal from the university. Students are expected to be familiar with the policies in the current Academic Calendar that deal with plagiarism, cheating, and the penalties and procedures for dealing with these matters. All cases of academic dishonesty are reported to the Academic Dean and become part of the student's permanent record.

**Note:** Students are strongly advised to retain this syllabus for their records.