Biology 111 Learning Community

Gateway to Neuroscience/STEM-SCAMP

Course: BIOL 111-04/06/11
Semester: Fall 2021
Faculty Instructor: Dr. Chris Korey
Course Location: RITA 103
Meeting Time: MWF, 11-11:50 am

Email: koreyc@cofc.edu
Phone: 843-953-7178

Biology 111 Learning Community

Our Classroom is an Inclusive Community

This course will provide equal access. I am happy to work with all students to ensure that they have equal access to the educational experience of this class. Any student eligible for and needing accommodations because of a disability is requested to speak with me during the first two weeks of class or as soon as you have been approved for services so that reasonable accommodations can be arranged - Center for Disability Services/SNAP.

Veterans and Active Duty Military: Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, disabilities) are welcome and encouraged to communicate these, in advance if possible, to the instructor.

Preferred Name and Pronoun Information: I will gladly honor your request to address you by the name and gender pronouns of your choice - mine are he/him/his. Please advise me of this early in the semester via your college-issued email account or during office hours so that I may make the appropriate notation on my class list.
Biology 111 Learning Community

Our Classroom is an Inclusive Community

- Be mindful of the fact that those among you have been impacted by the pandemic in different ways
- Be respectful of our community - Wear a mask to class and inside of our buildings.
- I’ll have some extras during the first week, after that you’ll have to head back to your room to get one in order to participate
- It is fine to bring something to drink to class, but refrain from eating in class.

Biology 111 Learning Community:

Big Ideas of the Course Through the Lens of Neuroscience

Structure Leads to Function

Cellular Pathways & Energy Transformation

Flow and Exchange of Information

- The basic units of structure define the function of all living things
- Biological systems grow and change through chemical transformation pathways
- How does information flow and exchange within/between cells and between organisms
Biology 111 Learning Community: 
*Our Work Together*

<table>
<thead>
<tr>
<th>Monday:</th>
<th>Tuesday:</th>
<th>Wednesday:</th>
<th>Friday:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interactive Lecture</td>
<td>Pre-Class Online Mini-Lecture</td>
<td>Problem Solving/Application</td>
<td>Data Analysis</td>
</tr>
</tbody>
</table>

**Biology 111 Learning Community**

*Where will you find course information...*

Our Learning Management System is called OAKS

We’ll use it if for:
- Links to Open Access Textbook - Biology OpenStax2E
- All Course Informational Material (Syllabus, Day by Day Detailed Course Guide)
- Course Calendar
- Grading Specifications for the Course and Assignments
- Pre-Class Reading Guides
- Supplemental Course Material
- Non-Textbook Course Readings
Biology 111 Learning Community

Required Textbook

- We are using the OpenStax Biology 2nd Edition
- This textbook is free online and can be read in a browser or downloaded as a PDF
- You can also purchase a paper copy if you like through the Bookstore or Amazon

This course uses digital course materials designed using Open Educational Resources (OER), high-quality, openly licensed educational materials, rather than a traditional textbook. You can access all readings, videos, quizzes and other activities through our OAKS course. Our course materials were selected by the Department of Biology with support from CofC's OER Incentive Program.

Biology 111 Learning Community

How will you demonstrate your learning...

- In-Class Small Group Discussions/Assignments
- Weekly Low-Stakes Quizzes Online (10)
- Weekly Concept Maps (9)
- In-Class Case Study Assignments (8)
- Exams (4)
- Final Course Assignment (Due During Final Exam Block)
BIOL 111 Grading Specifications

I use a grading approach that is called specifications grading. I’ll talk about it in more detail on the second day of class.

<table>
<thead>
<tr>
<th>Grade</th>
<th># of Complete Exams</th>
<th># of Complete Quizzes</th>
<th># of Complete Weekly Summary Sheets</th>
<th># of In-Class Case Study Assignments</th>
<th>Final Course Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4 of 4</td>
<td>8 of 10</td>
<td>7 of 9</td>
<td>7 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>B</td>
<td>3 of 4</td>
<td>7 of 10</td>
<td>6 of 9</td>
<td>6 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>C</td>
<td>2 of 4</td>
<td>6 of 10</td>
<td>5 of 9</td>
<td>5 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>D</td>
<td>1 of 4</td>
<td>5 of 10</td>
<td>4 of 9</td>
<td>4 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>F</td>
<td>0 of 4</td>
<td>&lt;5 of 10</td>
<td>&lt;4 of 9</td>
<td>&lt;4 of 8</td>
<td>1 of 1</td>
</tr>
</tbody>
</table>

Biology 111 Learning Community

*How can I be successful in Biology...*

- Preparation before class is essential for success
- Be mindful of when things are due
- Attend class and be actively engaged in our classroom community
- Be engaged and active in your learning after class
- Adopt a growth mindset.
Biology 111 Learning Community  
Supporting Your Learning

- Student Hours
- Synthesis Seminar (FYSS 101)
- Supplemental Instruction (Si)
- Center for Student Learning

Student Hours (aka Office Hours)

*What do I use that for?*

By appointment
- on Zoom
- In-Person in SSMB 🤗

A time to ask questions about the course, an assignment, latest Marvel movie, future careers, the meaning of life

Come Early, Come Often

Most students don’t figure out that chatting with your professor is useful until they’re sophomores...why not figure that out now!
Biology 111 Learning Community

Contacting Me - Email or Remind

- Email is one way to connect with me if you have questions that are particular to just you. I’ll answer your emails within 24 hours.
  - Emails sent to me after 5pm will likely be answered the next morning. Emails sent after 4pm on Friday will be answered on Sunday night or Monday morning

- I am also using the Remind app to send out reminders and to allow for text based communication with me. (Download the Remind app if you would like the ability to text me directly)
  - Text @biol111f to the number 81010

Learning Communities and the FYSS 101

The Synthesis Seminar is an Integral Part of this Course.

Completion of this section of the FYSS is factored into your final course grade in this course

LC15A: Neuro (PSYC 103 - Ruscio)
  - FYSS 101 - Thursday 5:05-5:55 pm; Bell Building 405
  - Peer Facilitator - Charlotte Marchell

LC15B: Neuro (PSYC 103 - Ruscio)
  - FYSS 101 - Wednesday 5:00-5:50 am; Bell Building 405
  - Peer Facilitator - Charlotte Marchell

LC21: STEM/SCAMP (MATH120 - Agrest)
  - FYSS 101 - Wednesday 4:00-4:50 pm; Bell Building 406
  - Peer Facilitator - Coralys Rios Santiago
Biology 111 Learning Community

Supplemental Instruction

- I strongly urge you to attend SI once weekly with Izabella Baiph, our SI Leader.

- It is fun, social, and provides another way of viewing our material – it is not remedial.

- Form a study group and attend the same session - great way to connect and form a community with your classmates

- Students who regularly attend SI outperform those who do not by nearly a full letter grade, on average.

Biology 111 Learning Community

Class Attendance

So, do I need to come to class on a regular basis?

The short answer is - yes! However, I do not keep attendance as a part of you course grade. In my experience, students who do not attend class regularly in-person often struggle to keep up with the pace of the material in our course. It's important that you come to class on time, ready to work; that you stay for the entire class period; and that you are working on Biology while you are here.

I had to miss class, how can I make up the work?

Our in-person classes will not be recorded.

- Your first step is to get any notes from class from a classmate.
- I will also provide you with any handouts you may have missed.
- Finally, make an appointment with me to discuss material that you missed
Sometimes, life happens or a pandemic happens...

I also understand that you all have other courses, life responsibilities, jobs, and families. You may test positive for SARS-CoV-2, develop COVID-19 symptoms, or have to quarantine/self-isolate. You might become sick with some other virus (cold, flu, etc.) Sometimes, life just takes an unexpected turn.

However, that shouldn’t prevent you from being successful in this class. Please do not hesitate to talk to me about any personal issues (you do not have to provide specifics) that arise during the semester so that we can arrange for the assistance you may need and make reasonable accommodations for you to complete missed work.

Biology 111

What are important dates I should make note of in my calendar?

I maintain a comprehensive course calendar with the course topics, readings, assignments, and due dates. In the event that our schedule changes (due to weather, class cancellations, etc.), I will update the course calendar online as soon as I can. This information will also be in our OAKs course calendar

<table>
<thead>
<tr>
<th>Module 1 - Week 1</th>
<th>Readings and Assignments</th>
<th>Topics for the Day</th>
<th>On OAKs</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 9-30</td>
<td>Syllabus Questions</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Neuropharmacology and Sodium Channels (Chapter 2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Structure Leads to Function: Atoms &amp; Bonds, Carbon Skeletons, Functional Groups</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W 9-1</td>
<td>Structure of Pain Sensing Sodium Channels (Chapters 3.1 and 3.4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Structure Leads to Function: Protein Structure and Function/Enzymes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Watch - Online Mini-Lecture Before Class</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F 9-3</td>
<td>Data Analysis: COVID Testing Case Study - RT-PCR Testing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Watch my introduction to our OAKs page video before the next class
Organizing Your Week

Weekend Work
- Complete Readings for Week Ahead/Start Study Guides

Monday
- Come to our class in RITA 103
- Review your notes and update Study Guides

Tuesday
- Watch Online Mini-Lecture for Wednesday/Update Study Guide

Wednesday
- Come to our discussion/application question session in RITA 103
- Review Your Notes and Update Study Guides

Friday
- Come to our Case Study data analysis days in RITA 103
- Update Study Guides from the Weeks Material

Weekend Work
- Create Visual Summary of Previous Week’s Material (Submit by Monday)
- Take Online Quiz on Previous Week’s Material (Complete by Sunday)
- Complete Readings for Week Ahead/Start Study Guides

Inclement Weather, Pandemic or Substantial Interruption of Instruction

- If in-person classes are suspended, faculty will announce to their students a detailed plan for a change in modality to ensure the continuity of learning.
- All students must have access to a computer equipped with a web camera, microphone, and Internet access. Resources are available to provide students with these essential tools.
- Bookmark the NOAA Hurricane Page: https://www.nhc.noaa.gov/
What’s our plan?

- If we have to move into an online format as a last resort, we’ll do that as a live, synchronous zoom experience - it will be a seamless transition.
- Class will meet at the same day and time. No new asynchronous work.
- Nothing will change about what we do in class - it may not look the same, but it will feel the same. Active lectures, small group work, case studies, quizzes, and assignments all remain identical.

Biology 111 Learning Community: Honor Code and Academic Integrity

- Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students.

- A student found responsible by the Honor Board for academic dishonesty will receive a XXF in the course, indicating failure of the course due to academic dishonesty. This grade will appear on the student’s transcript for two years after which the student may petition for the XX to be expunged. The F is permanent. The student may also be placed on disciplinary probation, suspended (temporary removal) or expelled (permanent removal) from the College by the Honor Board.

- Students should be aware that unauthorized collaboration--working together without permission-- is a form of cheating. Unless the instructor specifies that students can work together on an assignment, quiz and/or test, no collaboration during the completion of the assignment is permitted.

- Students can find the complete Honor Code and all related processes in the Student Handbook.
# Fall 2021 BIOL 111 Detailed Course Plan

**Syllabus Symbols:** The following symbols provide information about how the class is meeting and will be updated if changes are required due to the pandemic.  

- Clyde indicates the course is meeting live in-person in RITA 103 during our scheduled class time. Cloth masks that cover your nose and mouth are required to attend these sessions.  
- The hurricane symbol will be inserted to note days that are disrupted by campus closure due to weather and further directions will be provided.

## First Week of Class - Getting Started

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>8-25</td>
<td>Introductions, Syllabus, Using OAKs</td>
</tr>
<tr>
<td>F</td>
<td>8-27</td>
<td>Data Analysis: COVID Testing Case Study - <em>Doctor, How long should I isolate?</em></td>
</tr>
</tbody>
</table>

## Module 1

### Module 1 - Week 1

- Read Before Monday: OpenStax Chapters 2, 3.1, and 3.4  
- Sunday Night by 10pm: Online OAKs Quiz 1 on syllabus

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Topics</th>
</tr>
</thead>
</table>
| M   | 8-30 | Syllabus Questions  
Neuropharmacology and Sodium Channels (Chapter 2)  
*Structure Leads to Function: Atoms & Bonds, Carbon Skeletons, Functional Groups* |
| W   | 9-1  | Structure of Pain Sensing Sodium Channels (Chapters 3.1 and 3.4)  
*Structure Leads to Function: Protein Structure and Function/Enzymes*  
Watch - Online Mini-Lecture Before Class |
| F   | 9-3  | Data Analysis: COVID Testing Case Study - RT PCR Testing |

### Module 1 - Week 2

- **Supplemental Instruction Begins - Check OAKs for Times and Locations**  
- Read Before Monday: OpenStax Chapters 3.2 and 3.5  
- Due on Monday: Concept Map - Atoms, Bonds, and Proteins  
- Sunday Night by 10pm: Online OAKs Quiz 2 on Week 1

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Topics</th>
</tr>
</thead>
</table>
| M   | 9-6  | Chemistry of Sodium Channel Function (Chapter 3.2)  
*Structure Leads to Function: Carbohydrate Structure*  
*Structure Leads to Function: Energy Storage* |
| W   | 9-8  | Fire and Ice - Sodium Channel Mutations (Chapter 3.5)  
*Structure Leads to Function: Nucleic Acids and Mutations*  
Watch - Online Mini-Lecture Before Class |
Module 1 - Week 3 - Exam Week  
Review Weeks 1 and 2 Before Monday  
Due on Monday in OAKs DropBox: Concept Map - Carbohydrates and Nucleic Acids  
Sunday Night by 10pm: Online OAKs Quiz 3 on Week 2

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>9-13</td>
<td>Unit Review Activity</td>
</tr>
<tr>
<td>W</td>
<td>9-15</td>
<td>Exam 1 In-Class</td>
</tr>
<tr>
<td>F</td>
<td>9-17</td>
<td>Data Analysis: COVID Testing Case Study - Contact Tracing</td>
</tr>
</tbody>
</table>

Module 2

Module 2 - Week 4  
Read Before Monday: OpenStax Chapters 2.2, 3.3, 4, and 5.1

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
</table>
| M   | 9-20 | The Dynamic Neuron (Chapters 2.2 (pH), 3.3, 5.1)  
*Structure Leads to Function: Lipid Structure/Membranes; Water Chemistry/pH* |
| W   | 9-22 | The Dynamic Neuron (Chapter 4)  
*Structure Leads to Function and Information Flow: Prokaryotic and Eukaryotic Cell Structures, Cytoskeleton Dynamics*  
Watch - Online Mini-Lecture Before Class |
| F   | 9-24 | Data Analysis: COVID Testing Case Study - Final Decision |

Module 2 - Week 5  
Read Before Monday: OpenStax Chapters 5.2-5.4, 9.1-9.3  
Due on Monday in OAKs DropBox: Concept Map - Lipids, Membranes and Cellular Structures  
Sunday Night by 10pm: Online OAKs Quiz 4 on Week 4

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
</table>
| M   | 9-27 | Neurotransmission and Sodium Channels (Chapter 5.2-5.4)  
*Structure Leads to Function: Membranes, Diffusion/Osmosis, Transport* |
| W   | 9-29 | Neuropathic Pain and Transmitting Pain Signals (Chapter 9.1-9.3)  
*Information Flow: Cellular Communication, Signal Transduction*  
Watch - Online Mini-Lecture Before Class |
| F   | 10-1 | Building Toward Success: Health Professions Advisor - Karen Eippert |
### Module 2 - Week 6 - Exam Week
Review Weeks 4 and 5 Before Monday  
Due on Monday in OAKs DropBox: Concept Map - Membrane Transport and Signaling  
Sunday Night by 10pm: Online OAKs Quiz 5 on Week 5

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>10-4</td>
<td>Unit Review Activity</td>
</tr>
<tr>
<td>W</td>
<td>10-6</td>
<td>Exam 2 - In Class</td>
</tr>
<tr>
<td>F</td>
<td>10-8</td>
<td>Building Toward Success: Resumes and Aspirational Resumes</td>
</tr>
</tbody>
</table>

### Module 3

#### Module 3 - Week 7
Read Before Monday: OpenStax Chapter 6 and 7.1-7.3

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
</table>
| M   | 10-11 | Why Does the Brain Use So Much Energy? (Chapter 6)  
*Cellular Pathways and Energy Transformation: Metabolic Pathways, Energy Transfer, ATP, Enzymes* |
| W   | 10-13 | Cellular Respiration I - Glycolysis and Krebs Cycle (Chapter 7.1-7.3)  
*Cellular Pathways and Energy Transformation*  
Watch - Online Mini-Lecture Before Class |
| F   | 10-15 | Data Analysis: Case Study #2 |

#### Module 3 - Week 8 - Fall Break
Read Before Wednesday: OpenStax Chapters 7.4-7.5  
Due on Wednesday in OAKs DropBox: Concept Map - Energy and Enzymes  
**Wednesday Night** by 10pm: Online OAKs Quiz 6 on Week 7

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
</table>
| M   | 10-17 | Fall Break  
Take a break! You’ve made it to the halfway point, take sometime for yourself and relax. As my two sons would say - only chill vibes, no bad vides allowed. |
| W   | 10-20 | Team Glia: Cellular Respiration II - ATP Synthesis (Chapter 7.4-7.5)  
*Cellular Pathways and Energy Transformation*  
Watch - Online Mini-Lecture Before Class |
| F   | 10-22 | Data Analysis: Case Study #2 |
### Module 3 - Week 9
Read Before Monday: OpenStax Chapters 8.1-8.3, 10, 14.2-14.6
Due on Monday in OAKs DropBox: Concept Map - Respiration
Sunday Night by 10pm: Online OAKs Quiz 7 on Week 8

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
</table>
| M   | 10-25| Photosynthesis (Chapter 8.1-8.3) *(End of Exam 3 Material)*  
*Cellular Pathways and Energy Transformation* |
| W   | 10-27| Mitosis and the Cell Cycle (Chapter 10, 14.2-14.6)  
*Information Flow: Cell Cycle Control*  
Watch - Online Mini-Lecture Before Class |
| F   | 10-29| Data Analysis: Case Study #2 |

### Module 3 - Week 10 - Exam Week
Review Weeks 5, 6 and 7 Before Monday
Due on Monday in OAKs DropBox: Concept Mapt - Photosynthesis
Sunday Night by 10pm: Online OAKs Quiz 8 on Week 9

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>11-1</td>
<td>Unit Review Activity</td>
</tr>
<tr>
<td>W</td>
<td>11-3</td>
<td>Exam 3 - In Class</td>
</tr>
<tr>
<td>F</td>
<td>11-5</td>
<td>No Class - Dr. Korey @ CofC Bridge Program</td>
</tr>
</tbody>
</table>

### Module 4

### Module 4 - Week 11
Read Before Monday: OpenStax Chapter 15.1-15.5

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
</table>
| M   | 11-8 | Transcription/Translation (Chapter 15.2-15.5)  
*Structure Leads to Function and Information Flow: Protein Structure, Nucleic Acid Structure, Transcription and RNA Polymerase, Translation and Ribosomes* |
| W   | 11-10| Mutations and Human Disease (Chapter 15.1)  
*Structure Leads to Function and Information Flow: Genes, Mutation, and Multiple Alleles*  
Watch - Online Mini-Lecture Before Class |
<p>| F   | 11-12| No Class - Dr. Korey @ Research Conference |</p>
<table>
<thead>
<tr>
<th>Module 4 - Week 12</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Read Before Monday:</strong> OpenStax Chapters 11, 12.1-12.3</td>
<td><strong>Due on Monday in OAKs DropBox:</strong> Concept Map - Mutations, Transcription, and Translation</td>
</tr>
<tr>
<td><strong>Sunday Night by 10pm:</strong> Online Quiz 9 on Week 11</td>
<td></td>
</tr>
<tr>
<td><strong>M</strong></td>
<td>11-15</td>
</tr>
<tr>
<td><strong>W</strong></td>
<td>11-17</td>
</tr>
<tr>
<td><strong>F</strong></td>
<td>11-19</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module 4 - Week 13</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Review Weeks 8 and 9 Before Monday</strong></td>
<td><strong>Due on Monday in OAKs DropBox:</strong> Concept Map - Mutations, Meiosis, and Genetics</td>
</tr>
<tr>
<td><strong>Sunday Night by 10pm:</strong> Online Quiz 10 on Week 9</td>
<td></td>
</tr>
<tr>
<td><strong>M</strong></td>
<td>11-22</td>
</tr>
<tr>
<td><strong>W/F</strong></td>
<td>11-24 and 11-26</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module 4 - Week 14 - Exam Week</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M</strong></td>
<td>11-29</td>
</tr>
<tr>
<td><strong>W</strong></td>
<td>12-1</td>
</tr>
<tr>
<td><strong>F</strong></td>
<td>12-3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module 5 - Week 15</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M</strong></td>
<td>12-6</td>
</tr>
<tr>
<td><strong>T</strong></td>
<td>12-7</td>
</tr>
<tr>
<td><strong>F</strong></td>
<td>12-8</td>
</tr>
</tbody>
</table>
BIOL 111 Grading Specifications

Your course grade is determined by the amount of work you put into the course and the degree to which your work in the class completes key learning outcomes for the course. In general, this is determined by how much of the assignments you complete over the course of the semester. Each assignment will not be graded in the traditional way, instead the assignment will have a set of specifications that define when it is complete. You individual assignments will receive no letter grades, just an indication of “complete” or “incomplete”.

An assignment is considered complete if it is submitted on time and meets all the assignment’s specifications. The specifications for particular assignments are listed in their description.

How does this work for exams?

An exam is considered complete if you achieve a score of 85% or higher. If you do not achieve at least 85%, then it is considered incomplete because you have not completed key learning outcomes on the exam. Some, but not all, exams can be turned back in to earn a complete by using a token (see below.)

How does this work for quizzes?

An quiz is considered complete if you achieve a score of 70% or higher. If you do not achieve at least 70%, then it is considered incomplete because you have not completed key learning outcomes on the quiz. Some, but not all, quizzes can be turned back in to earn a complete by using a token (see below.)

How else can a quiz or assignment be considered incomplete?

- If It is submitted on time but fails to meet all the quiz or assignment’s specifications.
- OR
- If it meets all the assignment's specifications but is submitted late.
- OR
- If it is not submitted.
Each student automatically receives 4 tokens, which they can use to make up incomplete assignments in the following ways:

- In the case of an exam that is incomplete due to not reaching the 85% threshold, a student may cash in one Ethos Point and re-submit the corrected exam using the format provided by the specified due date. If the resubmitted exam is considered complete, the grade will be changed to “Complete.” **Only 2 Ethos Points can be used in this way**

- In the case of a quiz that is incomplete due to not reaching the 70% threshold, a student may cash in one Ethos Point and re-submit the corrected quiz using the format provided. If the re-submitted quiz is considered complete, the grade will be changed to “Complete.”

- In the case of an assignment that is incomplete due to it not being submitted or not meeting all the specifications, a student may cash in one Ethos Point and submit the assignment by a specified due date. If the assignment is otherwise complete, the grade will be changed to “Complete.”

**Summary**

The table below describes the breakdown of each grade option. You must meet all the specifications in the row to qualify for that particular letter grade. “Plus and minus” grades (like C- or B+) will be based on proximity to the full letter grade.

<table>
<thead>
<tr>
<th>Grade</th>
<th># of Complete Exams</th>
<th># of Complete Quizzes</th>
<th># of Complete Weekly Concept Maps</th>
<th># of In-Class Case Study Assignments</th>
<th>Final Course Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4 of 4</td>
<td>8 of 10</td>
<td>7 of 9</td>
<td>7 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>B</td>
<td>3 of 4</td>
<td>7 of 10</td>
<td>6 of 9</td>
<td>6 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>C</td>
<td>2 of 4</td>
<td>6 of 10</td>
<td>5 of 9</td>
<td>5 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>D</td>
<td>1 of 4</td>
<td>5 of 10</td>
<td>4 of 9</td>
<td>4 of 8</td>
<td>1 of 1</td>
</tr>
<tr>
<td>F</td>
<td>0 of 4</td>
<td>&lt;5 of 10</td>
<td>&lt;4 of 9</td>
<td>&lt;4 of 8</td>
<td>0</td>
</tr>
</tbody>
</table>

You will earn a course grade of “B” if you meet all of the following conditions

- **Attendance and Participation**: You actively participate in class and are engaged with course material when in small groups

- **Exams**: You complete 3 of the 4 in-class exams with a score of 85% or higher

- **Quizzes**: You complete 7 of the 10 in class quizzes with a score of 70% or higher
- **Concept Map:** You complete 6 of 9 weekly summary sheets. See below for more information on what makes an assignment complete or incomplete.

- **Case Study Assignments:** You complete 6 of 8 case study assignments.

- **End of Course Assignment:** You complete the end of course assignment and hand it in by our Final Exam window.

**Synthesis Seminar Completion:** Your PF will send me the final seminar completion information for the synthesis seminar which is based on attendance/participation and completion of the Synthesis Seminar assignments/modules. This will be used to adjust your final grade in the course.

<table>
<thead>
<tr>
<th>% from the seminar</th>
<th>Grade adjustment</th>
</tr>
</thead>
<tbody>
<tr>
<td>80-100%</td>
<td>Course grade stays the same</td>
</tr>
<tr>
<td>70-79%</td>
<td>Grade goes down 1/3 of a letter grade</td>
</tr>
<tr>
<td>60-69%</td>
<td>Grade goes down 2/3 of a letter grade</td>
</tr>
<tr>
<td>0-59%</td>
<td>Grade goes down a full letter grade</td>
</tr>
</tbody>
</table>