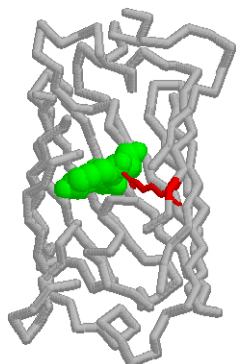


# International Baccalaureate Adv Bio I

J. Kirk Brown  
Room E104

209-830-3360x 2409  
**OFFICE HOURS**  
Wednesday 3-4 or by appt.

## I. Course Description



**Prerequisite:** The prerequisite is to have taken or currently taking chemistry and have taken biology preferably Honors Biology.

This course will be the first part of a two-year sequence that will provide an in-depth view of the biological world. After completing this course, students will more clearly understand the complexity of life on earth. Students will also be able to take the Higher Level I.B. exam in Biology after the second year. Topics that will be covered mainly cover Molecular Biology. Various methods of disseminating the information will be utilized. Laboratories, lecture/discussions, and cooperative learning strategies will all be utilized to allow you to fully comprehend the information. If the student completes this course and Advanced Biology II with a B average the student can also receive credit at San Joaquin Delta College via the 2+2 agreement.

## II. Course Outline (See Website for detailed guide with reading etc...)

Unit 1 <ul style="list-style-type: none"><li>Themes, Basic Chemistry, Biochemistry</li></ul>	Unit 7 <ul style="list-style-type: none"><li>Mendelian Genetics</li></ul>
Unit 2 <ul style="list-style-type: none"><li>Cell Structure</li></ul>	Unit 8 <ul style="list-style-type: none"><li>Chromosomal Inheritance</li></ul>
Unit 3 <ul style="list-style-type: none"><li>Membrane Structure</li></ul>	Unit 9 <ul style="list-style-type: none"><li>DNA Replication</li></ul>
Unit 4 <ul style="list-style-type: none"><li>Enzymes/Energy</li></ul>	Unit 10 <ul style="list-style-type: none"><li>Protein Synthesis</li></ul>
Unit 5 <ul style="list-style-type: none"><li>Cell Respiration and Photosynthesis</li></ul>	Unit 11 <ul style="list-style-type: none"><li>DNA Technologies</li></ul>
Unit 6 <ul style="list-style-type: none"><li>Mitosis and Meiosis</li></ul>	

## III. Ground Rules and Expectations

For us to get along this school year there are a few rules that need to be followed.

**RULE #1:** Be courteous and thoughtful to others.

**RULE #2:** Be prepared to take notes, do labs, and participate in class. You will need to bring a three ring binder, lab book, pencil/pen, paper daily.

**RULE #3:** Stay in your seat during lectures and discussions.

**RULE #4:** Clean up the classroom before leaving.

**RULE #5:** Observe all safety rules. If you break a safety rule you will receive a "0" and have to take a safety test.

**RULE #6:** No cell phones, pagers, PDA's in class or lab. They need to be **completely powered off**. If one is on and goes off during a quiz or assessment, the student will receive a zero and will not be able to make up the assignment.

#### IV. Behavior Steps and Consequences

If these basic rules are followed we will have no problems and the year will be very enjoyable and fun for all of us. If these rules are not followed then there will be disruptions and the learning process will be interrupted. If you choose not to observe these rules certain things will happen.

1. A verbal warning. Very brief.
2. The second time I have to ask you to do something you will be asked to stay after class so I might talk with you. At this meeting we will come up with a plan to help you observe the rules.
3. If the behavior continues I will call home and discuss my concerns with your parents in order to try to alleviate the problem.
4. If the behavior persists I will involve the administration and together we will devise a plan to alleviate the problem.
5. Support Room will be used in severe disruptions or when deemed necessary.

#### V. Tardy Policy

The attendance policy will be followed as printed in the student handbook. Tardy policy will be followed as printed in the student handbook.

#### VI. Make-up/Late Work Policy

**Late Assignments** There should be no late assignments. **No late work will be accepted.**

**Absences** You are responsible for getting your missed assignments. **IT IS NOT MY RESPONSIBILITY TO REMIND YOU!!**

**Work missed due to an unexcused absence will not be accepted.** If your absence **is excused** you may have one day for every excused day to make up the work. If you miss the day it was due, it is due upon your return. This includes exams. If you only miss the day of the exam you must take it upon your return to class. **If you are to miss a class because of an extracurricular activity or field trip or an academic field trip, you are required to turn in any assignments due on that day before you leave for the activity.**

#### VII. Grading Policy

**YOUR QUARTER GRADE WILL BE BASED ON THE FOLLOWING INFORMATION:** This is an approximate breakdown. The quarters are by total points and efforts are made to approximate the point distribution. They are not weighted.

1. Approximately 25% LAB WORK
2. Approximately 25% HOMEWORK/NOTEBOOK CHECKS
3. Approximately 50% TESTS AND QUIZZES.
4. **Semester grades** will be weighted 40/40/20

<b>Example:</b>	First Quarter	40%
	Second Quarter	40%
	Final Exam	20%
	Total	100%

## Grade Categories

100%-98%	A+	97%-93%	A
92%-90%	A-	89%-87%	B+
86%-83%	B	82%-80%	B-
79%-77%	C+	76%-73%	C
72%-70%	C-	69%-67%	D+
66%-63%	D	62%-60%	D-
Below 60%	Failure		



I use a computerized grade book program as do most teachers at THS. This will generally be updated weekly or as new assignments are assessed. Grades are available to parents via Parent Connect or via emailed progress reports. Follow the district procedures to sign up to access your student's grades daily via the web. This should also be set-up so students can log in and check their grades.

## VIII. Assignments to Expect

**Unit tests** are tests that come after major topics. They are comprehensive over the material in the unit. They will be mostly short answer, but multiple choice, fill-in, matching, or a combination of all four may be utilized. Review questions will appear on each exam. These questions will keep past material current and enable the student to continually review. When exams are returned, students are to review them for accuracy and any adjustments must be made that period. **When the student leaves, no further adjustments will be made to the score.**

**Weekly Quizzes/Assessments.** There generally will be daily or weekly quizzes/assessments. They will cover material covered during that week.

**In-class Assignments** will come at various times throughout the year and will be done in class. Many of our assignments will be either all in class or a combination of in-class and homework.

**Homework** There will be homework assignments that relate to the chapter reading. There will also be other assignments throughout the year. **Nightly, students should be reading, taking notes from the reading and using the I.B. study guide to help guide their reading and notes review.** The class website has the curriculum map with Key Questions that have been correlated to the IB guide and PPT lectures.

**Notebook/reading note checks:** There will be notebook checks to see that notes are in order and work has been done to keep them orderly and in the format reviewed. Three sections should be divided. Notes, returned labs, other returned papers are the sections that should be there. The notes should be downloaded from class website. Notes should be taken in class in one color and reading notes should be in another color.

**Midterm examination.** There will be a comprehensive exam over the material covered during the first semester of work. There will also be a **Final Exam** that will cover both semesters of work.

**Laboratory Assignments** We will be doing various lab exercises during the school year and you will be required to keep a lab data book. This data book can be purchased in the school store. The laboratory results will be written up in proper format. There will also be laboratory practical exams.

**Written Assignments** There will be various written assignments that will be assigned. These will be essays on various articles, discussions, and current events that will be explored.

**Oral Assignments** There will be many opportunities for oral presentations. Class presentations and other group and extra credit activities will also involve oral activities.

**Extended Lab Activities** There will be an opportunity for some extended lab activities outside the school day. These will be optional and some parent involvement might be necessary. More information will be given later.

**Returned Papers and Points:** When papers are returned, please take time to review them and make sure you agree with the point awards. If there are any issues to note, that must take place immediately. No other points will be adjusted after that period has ended.

## IX. Academic Dishonesty

**Cheating** If you are caught cheating you will receive a "0" for the assignment. You will not be able to make the assignment up or do extra credit and could potentially fail the course. The I.B. policy will be followed.

**Examples:** Copying someone's papers or laboratory write-ups, copying someone's drawings without looking at the slides, copying someone's hypotheses, Reading someone's report (Before you get yours assessed), looking at anyone else's work before you start yours, asking someone what is on a quiz or test between classes, etc... are some examples of cheating. Please don't take short cuts. You will gain so much more and truly learn the material if you do it all yourself. If you have any questions, please just ask.

## X. Extra Credit

**Extra Credit** There **may be** some very limited opportunities for extra credit. You can do extra credit only if you are not missing any assignments. No more than 5% of any grade period can be extra credit if offered.



I am sure that each of you will follow the rules and complete the assignments with pride and integrity. I hope you each have a very exciting year and I will do my best to see that this happens. If you have any questions, concerns or would like clarification on anything, I will be available at lunch or after school. I have a zero period class, so morning help would be very early! Please come in. I will be glad to help!

Wishing you a very successful year,



Mr. Brown

Office hours; Wednesdays from 3-4pm or anytime by appointment.

Phone number 830-3360x 2409 Email: [kbrown@tUSD.net](mailto:kbrown@tUSD.net)

Web Site: <http://www.tracy.k12.ca.us/thSadvbio>

**Mr. Brown's Advanced Biology 1 Course Syllabus**

Detach this portion of the syllabus and send back to school with your child. If you have any questions or concerns please call or come by!

I have read and understand this Advanced Biology 1 course outline.

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Printed Name                      Student signature                      Date

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Printed Name                      Parent/Guardian signature                      Date

Parents email address: \_\_\_\_\_

For email contact and progress reports ( Please print very clearly)