

Biology 2401: Human Anatomy & Physiology I

Writing Projects Information Sheet

As you are beginning to be aware, humans are complex organisms. Literally thousands of things can go wrong with our bodies – ranging from infectious diseases to genetic disorders to metabolic abnormalities. Unfortunately, during our short time together we do not have the opportunity to delve into the cause and effect of these interesting homeostatic imbalances. These projects allow you the opportunity to explore diseases of interest to you and to teach me something new!

The Details:

1. Write in grammatically correct English, write clearly, and in logical order. Spelling should be correct. It is not just enough to rely on word processors to spell check, as many errors aren't corrected (ex. "sever" is not the same as "severe"). Remember that the use of first person pronouns (like "I" or "you" are not appropriate for a research paper.
2. Please use 1.5 spacing, font Times New Roman size 12, black ink, white paper, standard 1 inch margins. Each page should have your name and the date in the upper left hand corner.
3. Proper MLA formatted in-text citations and a Literature Cited section are required for each paper. The library here has reference materials for proper formatting; the English tutors in the ELC are familiar with MLA, your English composition book also has this information, or use this link: <http://edison.edu/learningresources/CitationGuides.shtml>. For on-line references be absolutely sure you have the correct URL; I must be able to use the URL to view the cited reference. Your references must be from reputable websites (i.e. Wikipedia is NOT an appropriate reference). You must include a list of your references at the end of each assignment.
4. The work must be your own. Plagiarism is a serious academic offence. If you have any doubts about what is considered plagiarism, please review the information on the following site: <http://owl.english.purdue.edu/owl/resource/589/01/>. No credit will be awarded to a plagiarized paper. Additionally, a direct quote from a source can be used when the author has made a statement in such an eloquent manner that the words would lose meaning if summarized – however be sure to keep quotes to a minimum (only one) and be sure it has quote marks and is properly cited. Please read the reference articles and summarize your ideas. Most of your project should be a summary of all your readings, supported by appropriate references. No more than one fifth of your paper should contain paraphrased information . Any material that is quoted should be included within parentheses and the source should be cited with page numbers. **Do not quote more than once - and even that should be a single phrase from a sentence or at most a single sentence.** Please refer to the end of this handout for information regarding quoting, paraphrasing, and summarizing. All information obtained from outside sources should be properly cited within the body of the text
5. You may turn your papers in early but **NO** late papers will be accepted. Papers are due at the beginning of class.
6. All papers must be downloaded to Turnitin.com by the due date.

Paper 1 – Due September 15th (20 points)

Select any disease and write 2 to 3 paragraphs **describing the cause the disease AND diagnostic tests used in its identification**. If it is an infectious disease fully describe the microorganism that causes the infection and how the disease is transmitted. If it is a genetic disorder identify the gene (describe the function of the normal and abnormal protein this gene produces) and fully describe how the disorder is passed on (dominate, recessive, sex-linked, chromosome if known, etc.). If it is metabolic in nature fully describe the normal and abnormal metabolic pathways and describe why/how they are disrupted. If the disease you've chosen has no clear, defined cause – choose another disease that does.

- Use a minimum of 2 references.

Paper 2 – Due October 6th (30 points)

Select a disease that affects the **skin or bones** and write a paper about the **effect on the body and the symptoms**. Describe the normal structure and function of the skin and contrast that with the structure and function of the skin when affected by the disease.

- Use a minimum of 2 **cited** references. At least 1 of these references must be from a peer reviewed article (i.e. an article about original research on the topic published in a reputable journal such as *American Journal of Nursing*, the *Journal of the American Medical Association*, or *Professional Case Management*). Use the Academic Indexes available through the library to access this type of material.

Paper 3 – Due November 11th (50 points)

Select a disease that affects the **muscles or nervous system**. Write an opening paragraph that summarizes the cause of the disease and the symptoms. Write a middle paragraph that describes the **treatments & prevention measures (if applicable)**. In this paragraph describe specifically how the treatment works down to the cellular level (if possible). Mention any side effects from the treatment. If prevention is possible (such as pest control, life style/behavioral changes, or vaccines) discuss these options. Write a closing paragraph summarizing the statistics and prognosis.

- Use a minimum of 2 **cited** references. At least 1 of these references must be from a peer reviewed article.
- Please note that the pharmaceutical references and materials such as the Merck Index, available in the library, are very helpful for this.

A&P I Paper Project Checklist

The following items are true for ALL four papers required:

- Format
 - 1.5 spacing
 - Times New Roman font size 12
 - Black ink
 - White paper (not lined)
 - 1 inch margins
 - Each page has name and date in the upper left hand corner
- Citations
 - ***Proper MLA formatted in text citations*** (all information cited within the body of the text)
 - Literature cited section at the end of the paper - with entire URL of reference in appropriate MLA formatting.
 - Note: in text citations of web sites - put the brief name of the site, not the entire URL
 - References used must be from appropriate, reputable sources. Wikipedia is ***NOT*** an appropriate reference.
- Grammar and writing
 - Writing should be in grammatically correct English
 - Spelling should be correct
 - First person pronouns (“I, you, we, etc.”) are not appropriate for a research paper and should ***NOT*** be used.
 - All information must be in paragraph form and in complete sentences
- Summarizing, paraphrasing, and quoting
 - Most of your paper should be a summary of all your readings, supported by appropriate references
 - No more than 1/5 of your paper should contain paraphrased information
 - ***Do not quote more than once***, and even that should be a single phrase from a sentence or at most a single sentence
 - ***All papers must be submitted to turnitin.com*** - papers will NOT be graded (default to a grade of 0) unless papers are submitted by the due date to the website .
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- Due dates
 - You may turn in your paper early, but NO late papers will be accepted.

Class ID **13544764**

Enrollment password **Anatomy**

Summarizing, Paraphrasing, and Quoting

Quotations are the exact words of an author, copied directly from the source word for word. Quotations must be cited!

Use quotations when:

- You want to add the power of an author's words to support your argument
- You want to disagree with an author's argument
- You want to highlight particularly eloquent or powerful phrases or passages
- You are comparing and contrasting specific points of view
- You want to note the important research that precedes your own

Paraphrasing means rephrasing the words of an author, putting his/her thoughts in your own words. A paraphrase can be viewed as a "translation" of the original source. When you paraphrase, you rework the source's ideas, words, phrases, and sentence structures with your own. Paraphrased text is often, but not always, slightly shorter than the original work. Like quotations, paraphrased material must be followed with in-text documentation and cited the on the Works-Cited page.

Paraphrase when:

- You plan to use information on your note cards and wish to avoid plagiarizing
- You want to avoid overusing quotations
- You want to use your own voice to present information

Summarizing involves putting the main idea(s) or one or several writers into your own words, including only the main point(s). Once again, it is necessary to attribute summarized ideas to the original source. Summarized ideas are not necessarily presented in the same order as in the original source. Summaries are significantly shorter than the original and take a broad overview of the source material.

Summarize when:

- You want to establish background or offer an overview of a topic
- You want to describe common knowledge (from several sources) about a topic
- You want to determine the main ideas of a single source

Compiled by *Carol Rohrbach and Joyce Valenza*