

BioScience Survey Portfolio

Assignment: To produce a thorough collection of information about potential BioScience occupations. The purpose of this information is so that it may serve as the basis for the student to make informed educational and occupational decisions.

Contents: There will be three main sections that reflect the main units of the course:
Who Am I? - As of this assignment, is completed.
Health Science – Diagnostic, Medical, Therapeutic, Various
Biotechnology – Introduction to Biotech, Industrial and Environmental,
Agricultural Biotech, Medical/Pharmaceutical, Diagnostic.

Organizational Notes:

Full credit is given for students who follow the format exactly and whose writing demonstrates thoroughness, reflection, quality of preparation.

- For each section, file folders will be created and specific pieces of information must be placed in each of these folders.
- The file folder label will have a specific title indicating both the Main topic and sub group. Ie: Health Science: Diagnostic Careers
- Your name must be written on the Folder itself.
- Each entry in the folder must have your name on it and the date of either the speaker presentation or your writing of the Occupational research.
- A Title Page must be displayed as the first item inside of the file folder.
- A list of contents must be displayed as the second item inside of the file folder – ie. Table of Contents
- All pages are to be numbered – EVERY page. On the right bottom corner.
- If you did not complete an assignment, to receive full credit for the portfolio, all missing work **MUST** be completed and included in the appropriate file folders!!!
- If a student is absent for a guest speaker – they must submit a piece of paper listing the name of the speaker and date of presentation with an explanation of their absence. In this case, the other summaries will be worth more points and will have to be high quality.
- **PROCRASTINATION IS THE ISSUE WITH THIS ASSIGNMENT!!**
- Please be sure to adhere to all of the organizational instructions in order to receive full credit for this assignment!!!

Health Sciences Unit

File Folder 1: Health Sci: Diagnostic Careers

1. **Diagnostic Career Summary** – a page that includes a paragraph that summarizes the type of work that individuals do in these types of careers and a list of a minimum of 10 careers that would fit within this field
2. **Guest Speaker Summaries** of all speakers for this focus area
3. **Three Occupational Profiles**
 - 1 profile must be of a job that you would qualify for by attending a specific training program or just with a high school diploma. Entry level.
 - 1 profile must be of a job that interests you in this focus area. This job should be one that would be able to meet your financial goals and be one that you feel you will be able and willing to academically prepare for.
 - 1 profile must be of a job that fits your personality in this focus area

File Folder 2: Health Sci: Medical

1. **Medical Career Summary** – a page that includes a paragraph (or more) that summarizes the type of work that individuals do in these types of careers and a list of a minimum of 10 careers that would fit within this field
2. **Guest Speaker Summaries** of all speakers for this focus area
3. **Three Occupational Profiles**
 - 1 profile must be of a job that you would qualify for by attending a specific training program or just with a high school diploma. Entry level.
 - 1 profile must be of a job that interests you in this focus area. This job should be one that would be able to meet your financial goals and be one that you feel you will be able and willing to academically prepare for.
 - 1 profile must be of a job that fits your personality in this focus area

File Folder 3: Health Sci: Therapeutic

1. **Therapeutic Career Summary** – a page that includes a paragraph that summarizes the type of work that individuals do in these types of careers and a list of a minimum of 10 careers that would fit within this field
2. **Guest Speaker Summaries** of all speakers for this focus area
3. **Three Occupational Profiles**
 - 1 profile must be of a job that you would qualify for by attending a specific training program or just with a high school diploma. Entry level.
 - 1 profile must be of a job that interests you in this focus area. This job should be one that would be able to meet your financial goals and be one that you feel you will be able and willing to academically prepare for.
 - 1 profile must be of a job that fits your personality in this focus area

File Folder 4: Health Sci: Various

1. **Various Careers** – List 15 different careers that are health related and that could be included in this file. Write a sentence summary of each.
2. **Guest Speaker Summaries** of all speakers for this focus area
3. **Three Occupational Profiles**
 - 1 profile must be of a job that you would qualify for by attending a specific training program or just with a high school diploma. Entry level.
 - 1 profile must be of a job that interests you in this focus area. This job should be one that would be able to meet your financial goals and be one that you feel you will be able and willing to academically prepare for.
 - 1 profile must be of a job that fits your personality in this focus area

Guest Speaker Summary Template

Key information to be gathered from the presentation:

1. Name of Speaker
2. Job title
3. Date of speaker's presentation
4. Facility at which they work
5. How long they have worked in this position
6. General summary of what they do in their job. This may range from research topics, general activities or very detail descriptions. Be flexible in your summary but be specific and accurate – I have seen very general, inaccurate summaries!!
7. General summary of topics they bring up that go beyond their particular job.
8. Amount of education and experience this person has had, types of degrees.
9. Reflect on your impression of this person – do they like their job? What do you observe about their personality? Do they seem suited for their job?

Description of assignment: Your summary must be typed and in essay form. It should be a narrative, a summary.

Do not number your responses – again, an essay. It must include the answers to the ten questions listed.

Your name, period, date should be written as taught to you in English class. Same format. Answers to questions #1-4 must be at the top of the page, functioning as a title under your name, etc. Align left.

Please be complete with this summary, but concise. You will be producing quite a few of these and must be ready to submit them at specific times for assessment. It is advisable to take careful notes and write these as you go.... Not two or three weeks later.

Format: typed, 1.5 spacing, clear font. You should shoot for a one page summary for each speaker. Do not forget to be reflective!!

Occupational Profile Assignment

This assignment is designed to get you to thoroughly research different careers within the specific areas we are focusing on. It is understood that you will not necessarily be interested in all of topic areas – but your research still must be thorough.

There are many websites that can assist you – check out my web site.

Prompts to guide your research and responses:

- a. Occupation
- b. Type of facility in which this work could be done
- c. Salary range
- d. Typical work schedule: number of hours per day, number of days per week at work, irregular schedule? regular? Work on the weekends? Holidays?
- e. Types of skills or abilities necessary for this job.
- f. Occupational outlook – will there be opportunities/needs for employees? Or is this an impacted occupation where it will be difficult to find employment?
- g. Description of duties: be as complete as you can!
- h. Educational pathway to this occupation. Include any necessary exams to be licensed or registered if this applies. Check this out carefully – most medical careers require exams to be passed before you can be certified.
- i. Specific training programs: find a college/university/training program that would prepare a person for this job. If graduate work is necessary, find an undergraduate and graduate school that would work to prepare a person. For each educational institution list the following:
 - a. Name of school
 - b. Address, City, State, Zip Code
 - c. School web site – or web site for information on program
 - d. Name of training program or major course of study
 - e. Number of years required
 - f. Yearly tuition

Format: This may be written in outline form, not essay. You may use bullets or the lettering system used above. For each response, include the underlined prompts above, then provide your response to it.

Typed, single spacing is fine. Complete sentences are not necessary – this is a collection of information for reference. Keep it to 1-2 pages.