Student Resource 3.3

Research: Education and Certification Requirements

Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_

Directions: Health science careers can be categorized in four levels, depending on the amount of education and training required. The chart below shows some of the educational requirements for each career level and gives examples of different careers in each level. Review the information in the chart, and then choose one career in each level and research the typical education, training, certification required, and salary level for the career. Record your findings on the chart on the second page of this resource. Since certification is often at the state level, you will want to research certification requirements in your state. You can research careers listed as examples on the chart below, or you can check with your teacher if there are other careers you would like to research. An example is shown.

Begin your research by searching for the careers you have chosen on [www.bls.gov/oco](http://www.bls.gov/oco). You can write the career name in the search box at the upper right of the web page to find information about the career.

| Career Level | Approximate Education Requirement | Career Examples |
| --- | --- | --- |
| Professional | Often a doctoral degree, but for some professions a bachelor’s or master’s | Medical doctorDentistBiochemistOral surgeonPsychiatristRegistered nursePhysician assistantNurse practitioner |
| Technologist or therapist | At least a bachelor’s degree, often a master’s degree, and sometimes a doctoral degree | Medical laboratory technologistSpeech therapistMedical information technologist |
| Technician | Two-year associate’s degree, specialized health science technology education, or three to four years of on-the-job training | Dental laboratory technicianMedical laboratory technicianSurgical technicianPharmacy technicianBiomedical manufacturing technician |
| Aide or assistant | Specific number of hours of specialized education or one or more years of training, combining classroom and/or on-the-job training | Dental assistantMedical assistantNurse assistantHome health aide |

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| --- | --- | --- |
| Career Level | Career | Education, Certification, On-The-Job Training Requirements, and Salary Ranges |
| Professional |  |  |
| Technologist or therapist |  |  |
| Technician | Example: dietetic technician | Associate degree; certification by taking the National Registration Examination for Dietetic Technicians; salary range is $25,022 to $38,189 |
| Aide or assistant |  |  |