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| |  |  | | --- | --- | | **Housatonic Community College** 2005-2006 Course Selection Guide for  **Clinical Laboratory Technology:  Biotechnology Option**  Associate in Science Degree  (Banner code: EA98)    **(Must be printed and filled out manually)** | | | Name | Banner ID No. | | Address | Program Entry Date | |  | Advisor |   **Placement Assessment:**   |  |  |  |  | | --- | --- | --- | --- | | MAT\* 075 (DS091) \_\_\_\_\_ | MAT\* 095 (DS095) \_\_\_\_\_ | DS099 \_\_\_\_\_ |  | | ENG\* 003(DS010) \_\_\_\_\_ | ENG\* 013 (DS050) \_\_\_\_\_ | ENG\* 043 (EN100R) \_\_\_\_ | ENG\* 073 (DS 011) \_\_\_\_\_ |   **Program Requirements :**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Semester Taken | Course No. | Grade | Course Number (Previous No.) | Course Title | Credits | | ***Freshman Year*** | | | | | | |  |  |  | ENG\* E101 (EN 101) | Composition | 3 | |  |  |  | MAT\* E127 (MA 104) | Elementary Statistics with Technology | 3 | |  |  |  | BIO\* E121 (BI 121) | General Biology I | 4 | |  |  |  | CHE\* E111 (CH 110) | Concepts of Chemistry | 4 | |  |  |  | ENG\* E102 (EN 102) | Literature & Composition | 3 | |  |  |  | BIO\* E235 (BI 203) | Microbiology | 4 | |  |  |  | CHE\* E112 (CH 111) | Principles of Organic & Biochemistry | 4 | |  |  |  | CLT\* E101 (CLS 101) | Introduction to Clinical Laboratory Technology I | 2 | |  |  |  | CLT\* E102 (CLS 102) | Introduction to Clinical Laboratory Technology II | 2 | | ***Summer Session*** | | | | | | |  |  |  | CLT\* E201 (CLS 201) | Laboratory Practicum I | 4 | | ***Sophomore Year*** | | | | | | |  |  |  | CHE\* E220 (CH 206) | Biochemistry | 4 | |  |  |  | Mathematics**1** | Elective | 3-4 | |  |  |  | BIO\* E211 (BI 212) | Anatomy & Physiology I | 4 | |  |  |  | BIO\* E212 (BI 213) | Anatomy & Physiology II | 4 | |  |  |  | CLT\* E212 (CLS 212) | Molecular Biotechniques | 4 | |  |  |  | SCI\* E225 (NS 225) | Special Problems in the Natural Sciences | 3 | |  |  |  | CLT\* E213 (CLS 213) | Biotechnology Laboratory Seminar | 3 | |  |  |  | Behavioral Science**2** | Elective | 3 | |  |  |  | Humanities | Elective | 3 | | **Total Credits** | | | | | 64-65 |   NOTE: Laboratory Practicum I held at an affiliated Biotechnology Laboratory. Practicum site selected by student with approval of Program Coordinator.  **1** MAT\* E137 or higher.  **2** PSY\* E111 or SOC\* E101 strongly recommended. |

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