

Lake Superior College

Program Planner

Created on: 05/05/05

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Effective: *Fall 2011*

Qualified applicants should be aware that program class sizes are limited, which may delay acceptance into the program.

You may be required to complete additional (or less) coursework, dependent upon the results of your Computerized Placement Test (CPT) and/or previous coursework completed or certifications awarded.

General Education courses that are required may be taken prior to entering the program, as long as the specific prerequisites for that course have been met. Please check with your advisor.

Program: **Respiratory Therapy**

Degree Type: **Associate in Applied Science**

Total Required Credits: **76**

Pre-program Requirements

Successful entry into this program requires a specific level of skill in the areas of English, mathematics, and reading. Program entry will depend, in part, on meeting the prerequisites listed below:

English:

- A score of 86 or higher on the Sentence Skills portion of the CPT, OR
- Completion of ENGL0460 or its equivalent transfer course or higher with a grade of "C" or better.
- If required, ENGL0460 may not be taken concurrently with Semester I coursework.

Mathematics:

- A score of 36 or higher on the Elementary Algebra Skills portion of the CPT, OR
- Completion of MATH0450 or its equivalent transfer course or higher with a grade of "C" or better.
- If required, MATH0450 may not be taken concurrently with Semester I coursework.

Reading:

- A score of 78 or higher on the Reading Comprehension portion of the CPT, OR
 - Completion of READ0465 or its equivalent transfer course or higher with a grade of "C" or better.
 - If required, READ0465 may not be taken concurrently with Semester I coursework.
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NOTE: You will need a recent physical examination including current immunizations and current Mantoux. Current certification in American Heart Association: BLS Healthcare Provider or American Red Cross: CPR/AED for the Professional Rescuer is required for all clinical courses. ALTH1430 will satisfy this requirement for one year. Background Study approval is required from the State of Minnesota and/or Wisconsin as well as a criminal background study through Verified Credentials, Inc.

Semester I

| Course ID# | Course Title (Pre-reqs) | Term | Credits | Grade/ Term |
|-------------------------------|---|------|-----------|----------------|
| FYE1000 | Intro to College (None) | F/S | 1 | |
| ALTH1410 | Medical Terminology (READ0465) | F/S | 1 | |
| BIOL1005 | Introduction to Cell Biology (College-level reading and writing) | F/S | 1 | |
| BIOL1140 | Human Anatomy and Physiology I (BIOL1002, BIOL1120, or BIOL1005 with a grade of "C" or better or test out) | F/S | 4 | |
| RESP1400 | Introduction to Respiratory Therapy (Concurrent enrollment or completion of all Semester I courses on the RCP planner or instructor's consent) | F | 1 | |
| RESP1410 | Cardiopulmonary Anatomy and Physiology (Concurrent enrollment or completion of all Semester I courses on the RCP planner or instructor's consent) | F | 4 | |
| RESP1420 | Principles and Practice of Respiratory Therapy I (Concurrent enrollment or completion of all Semester I courses on the RCP planner or instructor's consent) | F | 3 | |
| RESP1540 | Diagnostic Testing (Concurrent enrollment or completion of all Semester I courses on the RCP planner or instructor's consent) | F | 3 | |
| Total Credits for Term | | | 18 | |

Semester II

| Course ID# | Course Title (Pre-reqs) | Term | Credits | Grade/ Term |
|------------|---|------|---------|----------------|
| BIOL1141 | Human Anatomy and Physiology II (BIOL1140) | F/S | 4 | |
| RESP1520 | Principles and Practice of Respiratory Therapy II (Completion of all Semester I courses on the RCP planner or instructor's consent) | S | 3 | |

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|-------------------------------|---|------------|-----------|--|
| RESP1530 | Pathophysiology for Respiratory Therapy (Completion of all Semester I courses on the RCP planner or instructor's consent) | S | 3 | |
| RESP1560 | Respiratory Therapy Clinical I (Completion of all Semester I courses on the RCP planner or instructor's consent) | S | 3 | |
| RESP1620 | Pharmacology for Respiratory Therapy (Completion of all Semester I courses on the RCP planner or instructor's consent) | S | 2 | |
| ENGL1106 | Composition I (College-level reading and writing) | F/S | 3 | |
| Total Credits for Term | | | 18 | |

Summer Session

| Course ID# | Course Title (Pre-reqs) | Term | Credits | Grade/ Term |
|-------------------------------|---|---------------------|----------------|------------------------|
| CHEM1110 | Aspects of Chemistry I (MATH0460 or MATH1420; CHEM1110-CHEM1210 sequence may not be taken to meet the laboratory science requirement) | F/S/ SUM | 3 | |
| RESP1660 | Respiratory Therapy Clinical II (Completion of all Semester I and II courses on the RCP planner or instructor's consent) | SUM | 3 | |
| Total Credits for Term | | | 6 | |

Semester III

| Course ID# | Course Title (Pre-reqs) | Term | Credits | Grade/ Term |
|-------------------|---|-------------|----------------|------------------------|
| RESP2410 | Mechanical Ventilation (Completion of all Semester I and II courses on the RCP planner or instructor's consent) | F | 4 | |
| RESP2420 | Adult Critical Care (Completion of all Semester I and II courses on the RCP planner or instructor's consent) | F | 3 | |
| RESP2430 | Special Topics in Respiratory Therapy (Completion of all Semester I and II courses on the RCP planner or instructor's consent) | F | 1 | |
| RESP2440 | Neonatal/Pediatric Respiratory Therapy (Completion of all Semester I and II courses on the RCP planner or instructor's consent) | F | 3 | |

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|-------------------------------|---|----------|-----------|--|
| RESP2460 | Respiratory Therapy Clinical III (Completion of all Semester I and II courses on the RCP planner or instructor's consent) | F | 6 | |
| Total Credits for Term | | | 17 | |

Semester IV

| Course ID# | Course Title (Pre-reqs) | Term | Credits | Grade/ Term |
|-------------------------------|---|-------------|----------------|------------------------|
| RESP2510 | Directed Studies in Respiratory Therapy (Completion of Semesters I, II, and III courses on the RCP Planner or instructor's consent) | S | 3 | |
| RESP2560 | Respiratory Therapy Clinical IV (Completion of Semesters I, II, and III courses on the RCP Planner or instructor's consent) | S | 8 | |
| BIOL1170 | Microbiology (BIOL1002 or BIOL1120 or BIOL1150 or BIOL1005 with a grade of "C" or better or test out) | F/S | 3 | |
| PSYC1135 | Lifespan Developmental Psychology (PSYC1120 highly recommended; college-level reading and writing) | F/S | 3 | |
| OR | OR | | | |
| PSYC1120 | General Psychology (College-level reading and writing) | F/S | (3) | |
| OR | OR | | | |
| SOC1111 | Introduction to Sociology (College-level reading and writing) | F/S | (3) | |
| Total Credits for Term | | | 17 | |

- *All courses in diploma and/or certificate programs are acceptable for credit toward Lake Superior College degree programs as indicated on individual program planners.*
- *This is not a contract; Lake Superior College reserves the right to change the planner as necessary.*
- *This document can be made available in alternative formats, such as large print, Braille, or audio tape, by calling 733-7650 or MRS/TTY 800-627-3529.*