



District Department Chair Council REQUEST FOR NEW COURSE/PROGRAM

Date: 9/25/2024	To: District Department Chair Council	
From: (Person & Building) Rosa Everitt, Randy Morgan, Andrew McDonald	H.S. CR Approval <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	DDCC Approval <input type="checkbox"/> Yes <input type="checkbox"/> No
	Board Sub. Committee Approval <input type="checkbox"/> Yes <input type="checkbox"/> No	Board of Ed. Approval <input type="checkbox"/> Yes <input type="checkbox"/> No

DISTRICT DEPARTMENT CHAIR COUNCIL RESULTS		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Revision Necessary	Recommendation:	
High School Signature: Stephen C. Tighe	Digitally signed by Stephen C. Tighe Date: 2024.10.25 08:45:35 -04'00'	Date: 10/25/24
Middle School Signature:	Date:	
Upper Elementary Signature:	Date:	
Lower Elementary Signature:	Date:	

New ideas and different ways of doing things will be encouraged when ideas are clear and planning is consistent. The questions that follow are designed as a guide for planning a request for proposal. If further assistance is needed, please contact the Assistant Superintendent of Teaching and Learning.

Rationale for New Course		
<p>The strengths and weaknesses of the current curriculum are assessed. The best practices and technologies in the field are researched. State and national standards are reviewed. The record of past student performance is analyzed (i.e. data such as MSTEP/PSAT/SAT results, common assessment results, state standards, surveys and visitations to other programs/schools).</p>		
Course Name: Medical Terminology	Grade: 10-12	Credit: 1.0
Prerequisite: B- or better in Biology		
Course Description: Medical Terminology is a one-semester course that helps students understand the Greek- and Latin-based language of medicine and healthcare. Emphasis is placed upon word roots, suffixes, prefixes, abbreviations, symbols, anatomical terms, and terms associated with movements of the human body. This course also stresses the proper pronunciation, spelling, and usage of medical terminology. This class is helpful to anyone considering going into science or the healthcare field. Participation in HOSA- Future Health Professionals is strongly encouraged. Students can take concurrently with Medical Foundations or Medical Foundations II.		
Content Expectations: Students will explore the essentials of medical terminology, foundational concepts of human anatomy and physiology, and the common medical terms related to each of the human body systems. We will take a systems approach introducing relevant medical word parts, followed by an anatomy and physiology overview, coverage of applicable diseases and conditions, diagnostic procedures, surgical and therapeutic treatments, and drug therapies. There will also be opportunity for students to learn about medical technology, treatments, and mental health; gender-neutral language; and information about diseases, including their pathology, spread, and impact on health.		
Rationale: Health Occupations is one of the targeted areas in Oakland County. Currently, there are not enough people going into the Health Science field. The expected growth rate for jobs in the Healthcare field is expected to grow anywhere from 16-30% between the years 2020-2030 according to Michigan's Hot 50 Job outlook. According to Xello, over 200 students at the high school are interested in fields in Athletic Training, biological sciences, medicine, physical therapy, anesthesiology, nursing, pediatrics.		

Who else was consulted in the creation of the new course?

Rosa Everitt, Stephen Tighe, Wendy Burns, Andrew McDonald, Tim Polonkey

How will you evaluate the effectiveness of this new course?

What evaluative instruments and methods will be used?

Formative Assessment: Bell Ringers, Whiteboarding, Canva Presentations
Summative Assessment: System Quizzes and Tests
Student Surveys

Timeline

New course begins on date: **09/09/2025**

New course ready for review after date:

Reason for choosing this date:

The 2025 school year will provide students the opportunity to continue in the health science program at LOHS. Medical terminology will be instrumental to student LO HOSA member success at competitive events in the 25-26 academic year.

Budget: (Please Note: A new course can be approved without funding)

- Professional Development/Training _____
- List all funding sources _____
- Pilot _____
- Personnel _____
- Facilities _____
- Methods _____
- Materials (ie, text, software, manipulatives, technology) _____

Specify detailed budget below:

Funding through CTE
- Course materials
- Staff professional development
- Organizational memberships (HOSA, etc)



LAKE ORION HIGH SCHOOL

Medical Terminology

Credit 1.0

CTE Program - Health Science

Teacher Contact Information

Teacher: Randy Morgan and Andrew McDonald

Email: randy.morgan@lok12.org and Andrew.Mcdonald@Lok12.org

Classroom:C303

Class Description

Medical Terminology is a one-semester course that helps students understand the Greek- and Latin-based language of medicine and healthcare. Emphasis is placed upon word roots, suffixes, prefixes, abbreviations, symbols, anatomical terms, and terms associated with movements of the human body. This course also stresses the proper pronunciation, spelling, and usage of medical terminology. This class is helpful to anyone considering going into science or the healthcare field. Participation in HOSA- Future Health Professionals is strongly encouraged.

Pre-requisite: B- or better in Biology, active member of Lake Orion HOSA (Health Occupation Students of America)

Course Objectives:

Upon completion of this course, the student will be able to:

1. demonstrate understanding of an overview of *basic* human anatomy and physiology.
2. demonstrate understanding of medical terms related to each of the human body systems.
3. demonstrate understanding of general diagnostic and surgical procedures, and therapeutic treatments for many diseases and conditions.
4. interpret and use medical abbreviations they will encounter in real-world healthcare settings (i.e. field placement in medical foundations II).
5. demonstrate understanding of various healthcare career options.

Class Materials

Binder

Pencils/Pens

Notecards

Ring Clips

Notebook

Laptop & Charger

A donation per student for our classroom would be much appreciated. Needs include:

- 1 box tissues

- Clorox wipes

- 1 pack/box EXPO markers

Classroom Resources:

[Introduction to Medical Terminology 2nd Edition](#) (class set)

Introduction to Medical Terminology (companion website)

Introduction to Medical Terminology (digital activities)

Course Content

Term 1:

- Basics of Medical Terminology
- Basics of the Body
- Integumentary System
- Skeletal System
- Muscular System
- Cardiovascular System
- Lymphatic and Immune Systems

Term 2:

- Digestive System
- Nervous System and Mental Health
- Special Senses
- Endocrine System
- Urinary System
- Male Reproductive System
- Female Reproductive System

Grading Practices and Grade Weighting

93-100 A	80-82 B-	67-69 D+
90-92 A-	77-79 C+	63-66 D
87-89 B+	73-76 C	60-62 D-
83-86 B	70-72 C-	59-below E

Classroom Policies and Expectations

This course uses a variety of teaching methods to help the student meet the course objectives. Online programs, small group discussions, skills, lectures, and demonstrations/practice will be utilized to allow the student to progress in a facilitated manner. Interest in a health care field, health science, the ability to work both independently and in groups, and computer skills are all necessary for success in this course

Attendance

This is an easy one, be here on time. I follow the school's attendance policies, so *please refer to the student handbook*. ***GOOD ATTENDANCE IS VITAL TO SUCCESS IN THIS COURSE***
Upon returning from an absence, it is the **student's responsibility** to find out what he/she is missing.

Cell Phones

Cell phone use will not be tolerated during class outside of prompted/approved use for academic purposes. Students are expected to put their phones in their respective holder slot in front of class and keep it there unless otherwise specified. Insubordination regarding electronic devices in class/lab will lead to consequences according to school policy.

Grading:

Your overall term grade is based on points earned out of points possible. Points come from tests, quizzes, coursework like worksheets, simulations, projects, etc. The term grade is 70% tests and quizzes, 30% coursework. We are also big on formative assessment (bell ringers). These are weighted 0% unless you fail to do them. Students who choose not to do bell ringers at the time they are assigned will have a 100 pt assignment added to the course work category and will receive a zero. Please do your bell ringers every time one is assigned. Your final letter grade will be determined using the grading scale in your student handbook. PowerSchool will be updated regularly. It is the students' responsibility to check the accuracy of marks in PowerSchool. Please bring any discrepancies to my attention.

Make-up Policy:

Students have the number of days absent +1 following your return to make up quizzes, tests, or labs. If you cannot make it up within that time, or have an extended absence, see me before the deadline. If you schedule a make-up appointment and you fail to show up, it is a zero.

Test Retake: (at the teacher's discretion)

If you fail a test, you may have one opportunity to retake/remediate. To qualify you must meet ALL the following:

- Scored less than 80% on the original
- Had your packet/work done and handed in the day of the test
- Signed up for a retake and showed up as scheduled

Note: We will take the average of the two scores.

EDPUZZLE:

Some of our instructional videos will involve the use of EDPUZZLE. If you do not have an account, you will need to create one and join our class EDPUZZLE. The link and class code can be found in your one note notebook.

Academic Misconduct/Plagiarism:

Academic Misconduct is a disciplinary issue that will result in progressive consequences. A student's record is cumulative.

- First Offense: Opportunity to redo assignment; disciplinary consequence may range from detention (for daily assignments, quizzes, etc.) to suspension (for cumulative or summative assessments, projects, long essays, etc.). Student may be assigned work to understand and prevent future academic misconduct.
- Second Offense (and beyond): Student will be given an academic consequence, such as "zero" on the assignment; standard disciplinary consequence is one to two-day suspension with assignment to understand and prevent future academic misconduct.

Work Based Learning (WBL)

The term "work-based learning" means sustained interactions with industry or community professionals in real workplace settings. CTE programs provide Work Based Learning experiences for each student related to the program area being studied. High-quality work-based learning opportunities integrate academic concepts, technical standards, and employability skills. Worked Based Learning is not simply a job. Lake Orion High School offers various Work Based Learning opportunities including guest speakers, field trips, and internships.

Student Leadership/CTSO Opportunities

HOSA: Future Health Professionals is a student organization for health students and has over 230,000 members nationwide. HOSA provides a unique program of leadership development, motivation, and recognition. HOSA is a powerful instructional tool that is best integrated into the health occupation education classroom. Membership is strongly encouraged.

College Credit/Articulation Agreements

College credits may be available through articulation agreements and/or direct credit. To view these agreements, go to the CTE website.

AI/NLP

Students are allowed to use AI/NLP tools in the school setting if they receive prior permission/consent from their teacher, so long as they use the AI/NLP tools in an ethical and responsible manner. Teachers have the discretion to authorize students to use AI/NLP tools. Students who use AI/NLP in a way other than outlined above, or in a manner that violates the LOCS Acceptable Use of Technology Agreement, may have their technology privileges suspended, revoked, or be subject to other disciplinary measures.