



Allied Health
Certificate of Completion
2017/2018



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Allied Health
Certificate of Completion
30 Credit Hrs.

Program Goals

The Certificate of Completion in Allied Health provides students with an educational background to facilitate possible admission into a health profession such as Nursing or seek employment opportunities in healthcare fields of their choosing, such as becoming a certified nursing assistant (CNA) or community health worker (CHW). The most important goal of the certificate is to provide foundational knowledge in the Allied Health Profession so that students can pursue the career pathway that best suits their ultimate career goal.

2015/18 Curriculum Profile

ALLIED HEALTH

Certificate

Minimum of 30 Credit Hours

The Certificate in Allied Health provides students with an educational background to facilitate possible admission into a Nursing program or employment opportunities in healthcare, such as nursing assistant. The intent of the certificate is to provide foundational knowledge in the Allied Health Profession.

Coursework in the Allied Health Certificate can be applied toward the Associate of General Studies Degree or the Allied Health Associate Degree. Students are strongly encouraged to consult with their LCC advisor for proper advisement and course selection.

Certificate Requirements

Credit Hours: 30

Program Requirements.....	(22 hours)
AH244 Pathophysiology	4
BIO217 Human Anatomy and Physiology I	4
BIO218 Human Anatomy and Physiology II	4
ENG111 Freshman Composition I	3
MATH095 Algebra with Applications	4
PSYC101 Introduction to Psychology	3
Approved Electives.....	(8 hours)
AH105 Nursing Assistant Training	4
AH113 Medical Terminology	3
AH210 Nutrition	3
ANTH103 Introduction to Anthropology	3



BIO201 Medical Microbiology	4
PSYC242 Developmental Life Span	3
SOC101 Introduction to Sociology	3
SPAN212 Spanish for Health Professionals	3
SPCH112 Interpersonal Communication	3

Note: The curriculum profile for the allied health certificate available online is for AY 2012-15. Please use the profile listed above or refer to the 2015-18 College Catalog for the most current curriculum.

[https://luna.edu/media/page_files/Allied Health Certificate Curriculum Profile 2012-2015.pdf](https://luna.edu/media/page_files/Allied_Health_Certificate_Curriculum_Profile_2012-2015.pdf)

Program Map (link also to website)

See Appendix A for program map.

Professional Development

None to report at this time.

Courses Offered by Semester

Fall 2017

The department offered the following courses:

- AH105 Nursing Assistant Training (4 sections)
- AH113 Medical Terminology (1 DL and 1 face-to-face)
- AH210 Nutrition (1 DL and 1 face-to-face)
- BIO217 Human Anatomy and Physiology I (2 sections)
- BIO218 Human Anatomy and Physiology II (1 section)
- PSYC242 Developmental Life Span (1 DL section and 1 face-to-face)

Spring 2018

The department offered the following courses:

- AH105 Nursing Assistant Training (2 sections)
- AH113 Medical Terminology (1 DL and 1 face-to-face)
- AH205 Allied Health Seminar/Capstone (1 section)
- AH210 Nutrition (1 DL and 1 face-to-face)
- AH244 Pathophysiology (1 section)
- BIO201 Medical Microbiology (1 section)
- BIO218 Human Anatomy and Physiology II (1 section)
- PSYC242 Developmental Life Span (1 DL section)
- SPAN212 Spanish for Health Professionals (1 DL section)

Summer 2018

- AH105 Nursing Assistant Training (3 sections)

Program Retention Rates Fall to Spring for 2017-18 AY

Total Fall Enrollment	Total Spring Enrollment	Percent Retained
146	102	70%



Course Retention Rates for Fall 2017

Course	Total Fall Enrollment Start	Total Fall Enrollment End	Percent Retention
AH105 Nurse Assistant Training (2 sections)	15	15	100% (0% failed)
BIO217 Human A&P I (2 sections)	60	48	80% (14.6% failed)
BIO217 Human A&P I (Dual Credit)	18	18	100% (11% failed)
BIO218 Human A&P II	22	17	77% (11.8% failed)
AH113E Medical Terminology	25	22	88% (27% failed)
AH113 Medical Terminology	16	15	93.75% (13% failed)
AH210E Nutrition	25	19	76% (26% failed)
AH210 Nutrition	15	12	80% (6% failed)
PSYC242E Dev. Life Span	25	21	84% (14% failed)
PSYC242 Dev. Life Span	20	18	90 (11% failed)

Course Retention Rates for Spring 2018

Course	Total Spring Enrollment Start	Total Spring Enrollment End	Percent Retention
AH105 Nurse Assistant Training (2 sections)	8	8	100% (0% failed)
BIO218 Human A&P II	36	35	97% (14% failed)
BIO201 Medical Microbiology	18	18	100% (5.5% failed)
AH244 Pathophysiology	49	49	100% (2% failed)
AH113E Medical Terminology	17	16	94% (6.25% failed)
AH113 Medical Terminology	11	10	91% (10% failed)
AH210E Nutrition	19	18	94% (16.7% failed)
AH210 Nutrition	15	6	40% (0% failed)
PSYC242E Dev. Life Span	26	18	78% (16.7% failed)
SPAN212E Spanish for Health Professionals	7	7	100% (0% failed)

Student Enrollment (Three-Year Annual Trend)

2015/2016	2016/2017	2017/18
108	125	179



Fall 2017 By Course

Course	Credit	# Students Enrolled	Student Credit Hours
AH105 Nursing Assistant Training (3 sections)	4	21	84
AH113 Medical Terminology (1 DL and 1 face-to-face)	3	36	108
AH210 Nutrition (1 DL and 1 face-to-face)	3	31	93
BIO217 Human Anatomy and Physiology I (2 section)	4	50	200
BIO218 Human Anatomy and Physiology II (1 section)	4	17	68
PSYC242 Developmental Life Span (1 DL section and 1 face-to-face)	3	39	117

Spring 2018 by Course

Course	Credit	# Students Enrolled	Student Credit Hours
AH105 Nursing Assistant Training (2 sections)	4	8	32
AH113 Medical Terminology (1 DL and 1 face-to-face)	3	10 and 16	78
AH205 Allied Health Seminar/Capstone (1 section)	2	3	6
AH210 Nutrition (1 DL and 1 face-to-face)	3	6 and 18	72
AH244 Pathophysiology (1 section)	4	49	196
BIO201 Medical Microbiology (1 section)	4	18	72
BIO218 Human Anatomy and Physiology II (1 section)	4	36	144



PSYC242 Developmental Life Span (1 DL section)	3	18	54
SPAN212 Spanish for Health Professionals (1 DL section)	3	7	21

Summer 2018 by Course

Course	Credit	# Students Enrolled	Student Credit Hours
AH 105 Nurse Assistant Training (3 sections)	4	24	96

Student Graduation (Three-Year Annual Trend)

2015/2016	2016/2017	2017/18
14	12	24

Synopsis of Significant Findings

Our student enrollment in Allied Health continues to be stable. With the exception of one section of nutrition (retention = 40%), our retention of students for the 2017-18 AY was acceptable. We made an effort to announce to those eligible to apply for graduation and the department had a reasonable response.

Program Improvement Plans Implemented or In-Progress

The department will continue to work on advising students and making sure that they progress in their programs of study.

Advisory Committee Work

Allied Health partnered with the Area Health Education Center (Montes del Norte Health Ed.) to have the Center's Advisory Board serve as the Advisory Committee for Allied Health. The Board provided input on curriculum development and area job placement.

Student Advisement by Semester

The department only had a student academic advisor for the program during the fall 2017 semester. The advisor worked on detailing the number of online courses and DL percentages for each of the students in the program. The advisor also worked on dividing the students up between the three program academic advisors. The program worked on making sure each student was advised prior to the start of each semester.

Yearly Return on Investment for AY 2017-18

Costs for instruction are listed by course.

Revenue

Course Name	#of Credits	#of Students	SCH	Tier \$	Tier Funding Tot	Tuition \$40	Total Revenue
AH105 Nursing Assistant Training (2 sections)	4	15	60	\$321.16	\$19,269.60	\$2,400.00	\$21,669.60
AH113 Medical Terminology (1 DL and 1 face-to-face)	3	41	123	\$321.16	\$39,502.68	\$4,920.00	\$44,422.68
AH210 Nutrition (1 DL and 1 face-to-face)	3	40	120	\$321.16	\$38,539.20	\$4,800.00	\$43,339.20
BIO217 Human Anatomy and Physiology I (2 section + DC)	4	78	312	\$133	\$41,496.00	\$12,480.00	\$53,976.00
BIO218 Human Anatomy and Physiology II (1 section)	4	22	88	\$133	\$11,704.00	\$3,520.00	\$15,224.00
PSYC242 Developmental Life Span (1 DL section and 1 face-to-face)	3	45	135	\$133	\$17,955.00	\$5,400.00	\$23,355.00
AH105 Nurse Assistant Training (2 sections)	4	16	64	\$321.16	\$20,554.24	\$2,560.00	\$23,114.24
BIO218 Human A&P II	4	36	144	\$133	\$19,152.00	\$5,760.00	\$24,912.00
BIO201 Medical Microbiology	4	18	72	\$133	\$9,576.00	\$2,880.00	\$12,456.00
AH244 Pathophysiology	4	49	196	\$321.16	\$62,947.36	\$,840.00	\$70,787.36
AH113 Medical (1 DL and 1 face-to-face) Terminology	3	28	84	\$321.16	\$26,977.44	\$3,360.00	\$30,337.44
AH210 Nutrition (1 DL and 1 face-to-face)	3	34	102	\$321.16	\$32,758.32	\$4,080.00	\$36,838.32
PSYC242E	3	26	78	\$133	\$10,374.00	\$3,120.00	\$13,494.00



Dev. Life Span							
SPAN212E Spanish for Health Professionals	3	7	21	\$133			
					\$2,793.00	\$840.00	\$3,633.00
				Totals	\$353,598.8		\$417,558.8
					4	\$63,960.00	4

Costs

Course Name FT/PT Instructors	Instructor Salary	Fringe	Operational Costs (63 and 64 codes)	Total Costs
Full Time	\$32,914.00	\$9050.00	\$6558.50	\$48,522.00
All P-T	\$9450.00	\$0.00	\$6558.50	\$16,088.50
			Totals	\$64,531.00

Class Cost Per Student (Revenue-Costs/students enrolled)

$$\$417,558.84 - \$64,531.00/455 = \$775.89$$

Cost per Graduate (Revenue-Costs/students graduated this year)

$$\$417,558.84 - \$64,531.00/24 = \$14,710.74$$

Alumni Surveys

No alumni surveys have been conducted at this time.

Program Learning Assessment Plan (WEAVE)

Appendix B provides the program assessment of learning plan created by the faculty.

Student Alumni

No data available at this time.

Curriculum Committee Work (Link)

The request to reorganize the certificate program was submitted to the Curriculum Committee.

Final Program Approvals (Board of trustees) approvals to move program forward

None at this time

Accreditation

None

Evaluation of the Program

Summary

The certificate program in Allied Health has a large number of students, however, most are interested in the nursing program and are not looking beyond nursing. The department hopes that by redesigning the certificate program to be more workforce centered, so that students that do not enter the nursing program and do not wish to further their education can enter the workforce with practical job skills in the healthcare field.



Appendix A: Program Map for Allied Health

Allied Health Certificate Program Map

Term 1/Fall Semester	Credits	Term 2 Spring Semester	Credits
BIO 217 Human Anatomy and Physiology I	4	BIO 218 Human Anatomy and Physiology II	4
MATH 095 Algebra with Applications	4	PSYC 101 Introduction to Psychology	3
ENG 111 Freshman Composition I	3	AH 244 Pathophysiology	4
AH Approved Elective	3-4	AH Approved Elective	3-4
		AH Approved Elective	3-4
Semester Total	14-15	Semester Total	17-18
Milestones		Milestones	
Complete Math 075 to Place into Math 095		Complete all Term 1 courses with a letter "C" grade or better	
Complete ENG 078 and/or ENG 098 to place into ENG 111		Meet with Advisor	
Meet with Advisor		Apply for graduation	
Accumulate 15 or more credits		Maintain a 2.0 GPA or higher during semester	
Maintain a 2.0 GPA or higher during semester		Accumulate 30 or more Credits	
Enroll in Term 2		Graduate with certificate and consider going on for Associates	



Appendix B: Program and Student Assessment of Learning (See Attached)

LCC Academic Allied Health Certificate Assessment Plan

2017-2018

Draft

Program Mission Statement

To prepare and graduate skilled individuals who are ethically and professionally competent, and have the ability and confidence to successfully obtain a state and/or national certification.

Program Goal

- 1 Provide students with an educational background to facilitate possible admission into an RN Nursing program or employment opportunities in healthcare, such as a certified nursing assistant (CNA) or Community Health Worker (CHW).

The intent of the certificate is to provide foundational knowledge in the Allied Health professions.

Program Learning Outcomes

- 1.1 Describe and demonstrate effective soft and hard skills required in the healthcare workplace

Description

Students will be taught how to be responsible employees in the workplace. Students will be taught the importance of time management and work ethics. Students will learn how to master and sharpen their professional skills to deliver the best healthcare possible.

Supported Initiatives (0)

PLO Assessment Method

1.1.1

Source of Evidence

Description

Methodology

BIO 217-Human Anatomy & Physiology I, BIO 218-Human Anatomy & Physiology II, AH 244-Pathophysiology, PSYC 242-Developmental Lifespan, AH205-Allied Health Seminar

Benchmark/Target

- 1.2 Use critical thinking and problem solving skills, while exercising independent thinking required to explore solutions to specific workplace concerns and/or contemporary healthcare issues

Description

Supported Initiatives (0)

Action Plan

Due Date

no due date

set

PLO Assessment Method

1.2.1

Source of Evidence

Description

Methodology

PSYC 242-Developmental Lifespan, AH 244-Pathophysiology, BIO 201-Medical Microbiology, AH205-Allied Health Seminar

Benchmark/Target

- 1.3 Demonstrate and utilize effective written and oral communication skills and terminology required to interact with clients and other members of the healthcare team when working in a professional environment

Description

Supported Initiatives (0)

PLO Assessment Method

1.3.1

Source of Evidence

Description

Methodology

AH 210-Nutrition, AH 113-Medical Terminology, BIO 201-Medical Microbiology, AH 244-Pathophysiology, BIO 217-Human Anatomy & Physiology I, BIO 218-Human Anatomy & Physiology II, AH205-Allied Health Seminar

Benchmark/Target

1.4 Describe the purposes and intents of key federal, state, and local healthcare policies

Description

Supported Initiatives (0)

PLO Assessment Method

1.4.1

Source of Evidence

Description

Methodology

AH 113-Medical Terminology, AH205-Allied Health Seminar

Benchmark/Target

1.5 Demonstrate ethical and professional behavior required to effectively practice within in the scope of the healthcare profession

Description

Supported Initiatives (0)

PLO Assessment Method

1.5.1

Source of Evidence

Description

Methodology

PSYC 242-Developmental Lifespan, AH 113-Medical Terminology, AH 244-Pathophysiology, AH205-Allied Health Seminar

Benchmark/Target

1.6 Demonstrate knowledge of basic human anatomy and physiology, and the ability to identify anatomical structures and relevant pathological findings

Description

Supported Initiatives (0)

PLO Assessment Method

1.6.1

Source of Evidence

Description

Methodology

BIO 217-Human Anatomy & Physiology I, BIO 218-Human Anatomy & Physiology II, AH 113-Medical Terminology

Benchmark/Target

1.7 Describe proper patient care, which includes the knowledge of body mechanics, basic life support techniques, nutrition, client education for examinations, and overall care/comfort

Description

Supported Initiatives (0)

PLO Assessment Method

1.7.1

Source of Evidence

Description

Methodology

AH 133-Medical Terminology, AH 210-Nutrition, BIO 217-Human Anatomy & Physiology I, BIO 218-Human Anatomy & Physiology II, AH 244-Pathophysiology, AH 205-Allied Health Seminar

Benchmark/Target

1.8 Communicate verbally, or in writing to an academic advisor their goals to transfer into an Allied Health career program or to a pre-professional program at a four year institution if they wish to continue their education

Description

Supported Initiatives (0)

PLO Assessment Method

1.8.1

Source of Evidence

Description

Methodology

AH 205-Allied Health Seminar

Benchmark/Target

LCC Academic Allied Health AAS Assessment Plan

2017-2018

Draft

Program Mission Statement

To prepare and graduate skilled individuals who are ethically and professionally competent, and have the ability and confidence to successfully obtain a state and/or national certification.

Program Goal

- 1 Provide students with an educational background to facilitate possible admission into a Nursing program or employment opportunities in healthcare, such as a nursing assistant (CNA).

The intent of the certificate is to provide foundational knowledge in Allied Health professions.

Program Learning Outcomes

- 1.1 Describe and demonstrate effective soft and hard skills required in the healthcare workplace

Description

Supported Initiatives (0)

PLO Assessment Method

1.1.1

Source of Evidence

Description

Methodology

BIO 217-Human Anatomy & Physiology I, BIO 218-Human Anatomy & Physiology II, AH 244-Pathophysiology, PSYC 242-Developmental Lifespan, AH205-Allied Health Seminar

Benchmark/Target

- 1.2 Use critical thinking and problem solving skills, while exercising independent thinking when exploring solutions to specific workplace concerns and/or contemporary healthcare issues

Description

Supported Initiatives (0)

PLO Assessment Method

1.2.1

Source of Evidence

Description

Methodology

PSYC 242-Developmental Lifespan, AH 244-Pathophysiology, BIO 201-Medical Microbiology, AH205-Allied Health Seminar

Benchmark/Target

- 1.3 Demonstrate and utilize effective written and oral communication skills and terminology when interacting with clients and other members of the healthcare team will working in a professional environment

Description

Supported Initiatives (0)

PLO Assessment Method

1.3.1

Source of Evidence

Description

Methodology

AH 210-Nutrition, AH 113-Medical Terminology, BIO 201-Medical Microbiology, AH 244-Pathophysiology, BIO 217-Human Anatomy & Physiology I, BIO 218-Human

Anatomy & Physiology II, AH205-Allied Health Seminar

Benchmark/Target

1.4 Describe the purposes and intents of key federal, state, and local healthcare policies

Description

Supported Initiatives (0)

PLO Assessment Method

1.4.1

Source of Evidence

Description

Methodology

AH 113-Medical Terminology, AH205-Allied Health Seminar

Benchmark/Target

1.5 Demonstrate ethical and professional behavior while practicing within in the scope of the healthcare profession

Description

Supported Initiatives (0)

PLO Assessment Method

1.5.1

Source of Evidence

Description

Methodology

PSYC 242-Developmental Lifespan, AH 113-Medical Terminology, AH 244-Pathophysiology, AH205-Allied Health Seminar

Benchmark/Target

- 1.6 Demonstrate knowledge of basic human anatomy and physiology, and the ability to identify anatomical structures and relevant pathological findings

Description

Supported Initiatives (0)

PLO Assessment Method

1.6.1

Source of Evidence

Description

Methodology

BIO 217-Human Anatomy & Physiology I, BIO 218-Human Anatomy & Physiology II, AH 113-Medical Terminology

Benchmark/Target

- 1.7 Provide proper patient care, which includes the knowledge of body mechanics, basic life support techniques, nutrition, client education for examinations, and overall care/comfort

Description

Supported Initiatives (0)

PLO Assessment Method

1.7.1

Source of Evidence

Description

Methodology

AH 133-Medical Terminology, AH 210-Nutrition, BIO 217-Human Anatomy & Physiology I, BIO 218-Human Anatomy & Physiology II, AH 244-Pathophysiology, AH 205-Allied Health Seminar

Benchmark/Target

1.8 Communicate verbally, or in writing to an academic advisor their goals to transfer into an Allied Health career program or to a pre-professional program at a four year institution if they wish to continue their education

Description

Supported Initiatives (0)

PLO Assessment Method

1.8.1

Source of Evidence

Description

Methodology

AH 205-Allied Health Seminar

Benchmark/Target

LCC AH110 Healthcare Information Systems Course Assessment

2017-2018

In Progress

Course Description/Purpose

Course not offered until Fall 2018.

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - Section 01

Summer 2018 - N/A

LCC AH113 Medical Terminology Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course offers a systematic study of medical terms for health professionals who need to acquire a medical vocabulary for their professional training. The student becomes proficient with prefixes, suffixes, and key words that formulate medical terms and the pronunciation of medical terms. A basic review of the major anatomical systems and common medical abbreviations is included.

Academic Year 2017-2018

Fall 2017 - Sections 01, 01E

Spring 2018 - Sections 01, 01E

Summer 2018 - N/A

Course Learning Outcomes

1

Identify medical terminology as it relates to the anatomy and physiology of the human body

CLO Assessments

1.1

Description

Course Learning Outcomes

- 2 Identify the rules of building medical terms and their relationships to human anatomy and physiology

CLO Assessments

Course Learning Outcomes

- 3 Read and understand medical documents in medical records, reports, and or chart notes

CLO Assessments

3.1

Description

Course Learning Outcomes

- 4 Identify the basic structure of medical words, including: prefixes, suffixes, roots, combining forms, and plurals

CLO Assessments

Course Learning Outcomes

- 5 Describe the major functions and basic structures of the skeletal, muscular, nervous, integumentary, endocrine, cardiovascular, lymphatic, and reproductive body systems

CLO Assessments

Course Learning Outcomes

6 Use combining forms, prefixes, and suffixes to build medical terms

CLO Assessments

Course Learning Outcomes

7 Define the meanings of basic combining forms, prefixes, and suffixes

CLO Assessments

Course Learning Outcomes

8 Identify terms that describe anatomical position, directions, and planes of the human body

CLO Assessments

Course Learning Outcomes

9 Demonstrate accurate spelling of basic medical terms

CLO Assessments

Course Learning Outcomes

10 Describe basic disorders, laboratory tests, clinical procedures, and appropriate medical abbreviations of the body systems

CLO Assessments

Course Learning Outcomes

11 Demonstrate accurate pronunciation of medical terms and disorders related to major body systems

CLO Assessments

Project Attachments

Attachments (2)	File Size	Last Modified
Grade Distribution and Retention Form Spring 2018 all courses.xlsx	32KB	DEC 10, 2018
Syllabus Fall2018_Medical Terminology.docx	19KB	OCT 1, 2018

LCC AH120 CPR for Health Professionals Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course teaches one- and two-rescuer CPR, AED, Foreign Body Airway Obstruction and barrier devices for adults, children and infants. This course is recommended for persons working in a health care setting and those who need a health care provider course for employment (Nursing, EMTs, Lifeguards).

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - N/A

Summer 2018 - N/A

LCC AH205 Allied Health Seminar Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course provides students with an opportunity to both learn about and experience a wide range of Allied Health Professions. Students will also gain knowledge in the U.S. health care system, professional school preparation, and current issues related to the allied health professions.

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - Section 01

Summer 2018 - N/A

LCC AH205-Allied Health Seminar Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course provides students with an opportunity to both learn about and experience a wide range of Allied Health Professions. Students will also gain knowledge in the U.S. health care system, professional school preparation, and current issues related to the allied health professions.

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - Section 01

Summer 2018 - N/A

LCC AH210 Nutrition Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course is geared for health occupation majors and provides a basic foundation of nutrition and the application of dietary modifications for clients within various health care settings. The overall goal is to encourage the consumer to take responsibility for his/her nutritional status and to provide ongoing education on nutrition. Prerequisites: ENGO95 or equivalent

COMPASS/ACT/ACCUPLACER scores.

Academic Year 2017-2018

Fall 2017 - Sections 01, 01E

Spring 2018 - Sections 01, 01E

Summer 2018 - N/A

Course Learning Outcomes

- 1 Describe the various nutrients needed to maintain health.

CLO Assessments

Course Learning Outcomes

- 2 Explain the process involved with digestion, absorption and metabolism of nutrients.

CLO Assessments

Course Learning Outcomes

- 3 Communicate the difference between various therapeutic diets.

CLO Assessments

Course Learning Outcomes

- 4 Interpret base-line knowledge of common nutritional theories.

CLO Assessments

Course Learning Outcomes

- 5 Explain nutritional implications involving common diseases.

CLO Assessments

Course Learning Outcomes

- 6 Communicate an effective approach toward working with people regarding their nutrition.

CLO Assessments

Course Learning Outcomes

- 7 Explain an understanding of how nutrition may encourage or discourage goals in improving health.

CLO Assessments

Course Learning Outcomes

- 8 Apply knowledge of nutrition to own lifestyle and adjust personal nutrition accordingly.

CLO Assessments

Course Learning Outcomes

- 9 Describe influence of cultural background on personal health and nutrition.

CLO Assessments

Course Learning Outcomes

- 10 Demonstrate verbal and written communication skills in class discussions and homework assignments.

CLO Assessments

Course Learning Outcomes

- 11 Develop and use skills for accessing the Internet for information related to nutrition.

CLO Assessments

Project Attachments

Attachments (2)	File Size	Last Modified
Beil,SCNutr AH210E DL Syllabus Fall 2018.docx	195KB	OCT 1, 2018
LCC Nutrition Syllabus_Fall 2018.docx	31KB	OCT 1, 2018

LCC AH244 Pathophysiology Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course is designed as an introduction to human pathophysiology. It builds on the knowledge of anatomy and physiology as a basic foundation and provides an overview of disease processes by body systems. Prerequisites: BIO217 Prerequisite or Corequisite BIO218.

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - Section 01

Summer 2018 - N/A

Course Learning Outcomes

- 1 Compare the pathology and physiological consequences of selected disease processes at the cellular and systemic levels

CLO Assessments

Course Learning Outcomes

- 2 Correlate internal/external environmental risk factors with disease development and progression

CLO Assessments

Course Learning Outcomes

- 3 Discuss major variables affecting the healing process in primary tissues and organ systems, and apply such concepts to the management and treatment of disease.

CLO Assessments

Course Learning Outcomes

- 4 Describe the impact of pathophysiology-based knowledge on nursing practice within the clinical context

CLO Assessments

Course Learning Outcomes

- 5 Apply the critical thinking process to the use of pathophysiologic principles as a basis for nursing practice

CLO Assessments

Course Learning Outcomes

- 6 Discuss nursing and biomedical research case studies to apply pathophysiologic principles to nursing practice

CLO Assessments

Project Attachments

Attachments (1)	File Size	Last Modified
AH244 - Syllabus.pdf	78KB	SEP 24, 2018

LCC BI0201 Medical Microbiology Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course is designed to give the student a basic understanding of the microbial world and the role of microbes in human disease. Microbial identification, metabolism, and reproduction will be addressed. Diseases of the organ systems will be identified along with diagnosis and treatment of microbial infections. Prerequisites: ENGO95 or equivalent COMPASS/ACCUPLACER/ACT scores.

NM Common Course Number: BIOL2514.

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - Lecture: Section 01; Lab: Section 01

Summer 2018 - N/A

Course Learning Outcomes

- 1 Describe the characteristics of medically important microbes, including bacteria, viruses, prions, and relevant eukarya.

CLO Assessments

Course Learning Outcomes

- 2 Name and describe normal, transient, and opportunistic microbiota of the body, including their importance to human health

CLO Assessments

Course Learning Outcomes

- 3 Describe and observe virulence factors of pathogens and how they cause disease.

CLO Assessments

Course Learning Outcomes

- 4 Describe the role of the immune system, and why/how antibiotics/vaccines are used in a clinical setting.

CLO Assessments

Course Learning Outcomes

- 5 Describe and demonstrate epidemiological techniques used to pinpoint outbreaks, endemics, epidemics, and pandemic disease.

CLO Assessments

Course Learning Outcomes

- 6 Describe and demonstrate chemical and physical means of controlling microbial growth.

CLO Assessments

Course Learning Outcomes

- 7 Identify specific bacterial species that cause infectious disease by human body system.

CLO Assessments

Course Learning Outcomes

- 8 Analyze case studies to describe disease etiology, signs/symptoms, and clinical treatment, using lecture and laboratory settings.

CLO Assessments

Project Attachments

Attachments (3)	File Size	Last Modified
BIO201 - Syllabus.pdf	79KB	SEP 24, 2018
BIO201L - Syllabus (1).pdf	47KB	SEP 24, 2018
Grade Distribution and Retention Form Spring 2018 all courses.xlsx	32KB	DEC 10, 2018

LCC BIO217 Human Anatomy and Physiology I Course Assessment

2017-2018

In Progress

Course Description/Purpose

Human Anatomy & Physiology I (BIO 217) is a required course for students interested in pursuing a pre-nursing degree and/or careers in allied health – including medicine, dentistry, pharmacy, and/or biomedical research. In this course, the structure and function of the human body is studied at the cellular, tissue, organ, and organ system levels of organization. The integumentary, skeletal, muscular, and nervous systems are discussed in detail. Material is delivered in both lecture and laboratory settings.

Prerequisite: ENG 095 or equivalent COMPASS/ACCUPLACER/ACT scores.

NM Common Course Number: BIO2414

Academic Year 2017-2018

Fall 2017 - Lecture: Sections 01, 02 ; Lab: Sections 01, 02, 03, 04

Spring 2018 - N/A

Summer 2018 - N/A

Course Learning Outcomes

- 1 Describe and demonstrate general biology and chemistry required to describe cellular function

CLO Assessments

1.1

Description

Course Final Assessment

1.1.1

Source of Evidence

Description

What questions from the tool/instrument/indicator meet this individual outcome?

Benchmark/Target

Course Learning Outcomes

2 Describe multicellular organization

CLO Assessments

Course Learning Outcomes

3 Describe and apply anatomical terminology

CLO Assessments

Course Learning Outcomes

4 Distinguish and describe major tissue types

CLO Assessments

Course Learning Outcomes

5 Describe the structure and demonstrate the function of the integumentary system

CLO Assessments

Course Learning Outcomes

- 6 Describe the structure and demonstrate the function of the muscular system

CLO Assessments

Course Learning Outcomes

- 7 Describe the structure and and demonstrate the function of nervous system

CLO Assessments

Course Learning Outcomes

- 8 Define homeostasis, and describe specific examples of normal/clinically abnormal examples from the integumentary, skeletal, muscular and nervous systems

CLO Assessments

Course Learning Outcomes

- 9 Describe the structure and demonstrate the function of the skeletal system, including major skeletal joints

CLO Assessments

Project Attachments

Attachments (2)	File Size	Last Modified
BIO217_Syllabus.pdf	83KB	SEP 24, 2018
Grade Distribution and Retention Form Fall 2017 BGould.xlsx	18KB	DEC 10, 2018

LCC BIO218 Human Anatomy and Physiology II Course Assessment

2017-2018

In Progress

Course Description/Purpose

Human Anatomy & Physiology II (BIO 218) is a required course for students interested in pursuing a pre-nursing degree and/or careers in allied health – including medicine, dentistry, pharmacy, and/or biomedical research. In this course, the structure and function of the human body is discussed at all levels of organization. The nervous, endocrine, cardiovascular, lymphatic, immune, respiratory, urinary, and reproductive systems is discussed in detail. Material is delivered in both lecture (2.5 hours/week) and laboratory (2 hours/week) settings. Prerequisites: ENGO95 or equivalent COMPASS/ACCUPLACER/ACT scores.

NM Common Course Number: BIOL2424

Academic Year 2017-2018

Fall 2017 - Lecture: Section 01 ; Lab: Sections 01, 02

Spring 2018 - Lecture: Section 01; Lab: Sections 01, 02, 03

Summer 2018: N/A

Course Learning Outcomes

- 1 Identify and describe the major anatomical features of the endocrine, lymphatic, immune, cardiovascular, respiratory, digestive, urinary, and reproductive systems.

CLO Assessments

Course Learning Outcomes

- 2 Describe and demonstrate the physiological roles of the endocrine, lymphatic, immune, cardiovascular, respiratory, digestive, urinary, and reproductive systems.

CLO Assessments

Course Learning Outcomes

- 3 Explain how fluids and electrolyte balance is maintained in the human body.

CLO Assessments

Course Learning Outcomes

- 4 Compare and contrast the anatomy and physiology of male/female reproductive systems

CLO Assessments

Course Learning Outcomes

- 5 Describe pregnancy from conception to parturition

CLO Assessments

Project Attachments

Attachments (4)	File Size	Last Modified
BIO 218 Lab Syllabus.pdf	51KB	SEP 24, 2018
BIO218 - Syllabus.pdf	80KB	SEP 24, 2018
BIO218_Syllabus.pdf	84KB	SEP 24, 2018
Grade Distribution and Retention Form Spring 2018 all courses (1).xlsx	32KB	DEC 10, 2018

LCC EMT150 Emergency Medical Tech- Basic Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course is designed to teach individuals to perform skills responding to a scene of illness and injury in all emergency situations. Body systems will include: soft tissue, circulatory, nervous and respiratory. Skills learned in the class include but are not limited to the following: bandaging, cardiopulmonary resuscitation, emergency childbirth, lifting and moving patients, muscle and skeletal system, emergency care of upper and lower extremities, handling of hazardous materials

Student must concurrently enroll in EMT105L, which provides the student the opportunity to develop the psychomotor skills of an EMTBasic. EMT skill are presented in a sequential building fashion, initially being taught in isolation, and then integrated into simulated patient care situations.

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - N/A

Summer 2018 - N/A

*Course not taught due to instructor availability

LCC EMT180 Emergency Medical Field/ Clinical Course Assessment

2017-2018

In Progress

Course Description/Purpose

Students will gain real life hands on experience in this clinical. Students will ride along in ambulance and gain experience in pre-hospital patient care. Prerequisite: EMT150, EMT 150L

Academic Year 2017-2018

Fall 2017 - N/A

Spring 2018 - N/A

Summer 2018 - N/A

*Course not taught due to instructor availability

LCC SPAN212 Spanish for Healthcare Professionals Course Assessment

2017-2018

In Progress

Course Description/Purpose

This course is designed to acquaint the student with medical terminology in Spanish translations. It also assists the student with basic communication for conversational Spanish with patients and coworkers through the use of scenarios in group activities.

Academic Year 2017-2018

Fall 2017 - Section 01E

Spring 2018 - Section 01E

Summer 2018 - N/A

Course Learning Outcomes

- 1 Communicate with the Spanish-speaking patient in Spanish, at a basic level.

CLO Assessments

Course Learning Outcomes

- 2 Give simple directions and instructions to the patient.

CLO Assessments

Course Learning Outcomes

- 3 Therapeutically communicate in such a way that puts the patient at ease.

CLO Assessments

Course Learning Outcomes

4 Feel comfortable to make mistakes as all new speakers of any language do.

CLO Assessments

Project Attachments

Attachments (1)	File Size	Last Modified
syllabus fall 2018 SPAN212.docx	16KB	SEP 24, 2018

