DEPARTMENT OF
HIGHER EDUCATION &
WORKFORCE DEVELOPMENT

New Program Report

Date Submitted:
04/30/2021

Institution
Ozarks Technical Community College

Site Information

Implementation Date:
8/2/2021 12:00:00 AM

Added Site(s):

Selected Site(s):

OTC Republic Center, 584 West US-60, Republic, MO, 65738

Ozarks Technical Community College, 1001 E. Chestnut Expressway, Springfield, MO, 65802

Richwood Valley Campus, 3369 W. Jackson, Ozark , MO, 65721

Table Rock Campus, 10698 Historic Highway 165, Hollister, MO, 65672

CIP Information

CIP Code:
519999

CIP Description:
Any instructional program in the health professions and related clinical sciences not listed above.

CIP Program Title:
Health Professions and Related Clinical Sciences, Other

Institution Program Title:
Bioclinical Science

Degree Level/Type

Degree Level:
Associate Degree

Degree Type:
Associate in Arts

Options Added:

Collaborative Program:
N

Mode of Delivery

Current Mode of Delivery

Classroom

Student Preparation

Special Admissions Procedure or Student Qualifications required:
No special preparation will be required.

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Specific Population Characteristics to be served:
This degree will serve students working toward meeting the admission requirements of selective admissions health sciences programs.

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:
An earned Master's degree in Biology from a regionally accredited institution of higher education or an earned Master's degree from a regionally accredited institution of higher education plus 18 graduate credit hours.

Estimate Percentage of Credit Hours that will be assigned to full time faculty:
It is estimated that 40% of the credit hours will be taught by full-time faculty.

Expectations for professional activities, special student contact, teaching/learning innovation:
Full time faculty members are required to participate in a minimum of 20 hours of professional development annually. Full time faculty members serve as advisors to students in the Bioclinical Science degree.

Student Enrollment Projections Year One-Five

Year 1	**Full Time:** 1900	**Part Time:** 924	
Year 2	**Full Time:** 2005	**Part Time:** 1000	
Year 3	**Full Time:** 2100	**Part Time:** 1072	**Number of Graduates:** 250
Year 4	**Full Time:** 2150	**Part Time:** 1125	
Year 1	**Full Time:** 1900	**Part Time:** 924	
Year 2	**Full Time:** 2005	**Part Time:** 1000	
Year 3	**Full Time:** 2100	**Part Time:** 1072	**Number of Graduates:** 250
Year 4	**Full Time:** 2150	**Part Time:** 1125	
Year 1	**Full Time:** 1900	**Part Time:** 924	
Year 2	**Full Time:** 2005	**Part Time:** 1000	
Year 3	**Full Time:** 2100	**Part Time:** 1072	**Number of Graduates:** 250
Year 4	**Full Time:** 2150	**Part Time:** 1125	
Year 1	**Full Time:** 1900	**Part Time:** 924	
Year 2	**Full Time:** 2005	**Part Time:** 1000	

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Year 3	**Full Time:** 2100	**Part Time:** 1072	**Number of Graduates:** 250
Year 4	**Full Time:** 2150	**Part Time:** 1125	
Year 5	**Full Time:** 2250	**Part Time:** 1163	**Number of Graduates:** 400

Percentage Statement:
n/a

Program Accreditation

Institutional Plans for Accreditation:
There are no plans to seek specialized accreditation. OTC's current regional accreditation through the Higher Learning Commission provides the adequate credentials for this degree.

Program Structure

Total Credits:
60

Residency Requirements:
15 of the last 30 credit hours

General Education Total Credits:
44

Major Requirements Total Credits:
16

Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
RST 105	3	Cardiopulmonary Anatomy and Physiology
PSY 270	3	Psychology of Aging
BCS 200	4	Microbiology
CIS 101	3	Technology & Digital Literacy
COM 200	3	Interpersonal Communication
BUS 185	3	Professional Readiness
Choose 2	0	
BUS 200	3	Leadership
and	0	
HSC 120	3	Medical Terminology
MLT 100	1	Introduction to the Medical Laboratory
PSY 285	3	Abnormal Psychology
EMS 150	3	EMS Essentials
PLB 100	2	Introduction to Phlebotomy
BCS 102	2	Navigating Bioclinical Science

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BCS 205	4	Human Physiology

Free Elective Credits:
0

Internship or other Capstone Experience:
N/A

Assurances

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus, CBHE-approved service region or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program within the geographically applicable area.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information

First and Last Name: RENEE
GRAVES

Email: gravesr@otc.edu

Phone: 417-447-8115

Student ID:_____
Student Name:_____
Navigator Name:_____

Catalog: 2021-2022 Academic Catalog and Student Handbook
Program: Bioclinical Science (A.A.)

Bioclinical Science (A.A.)

A.A. Degree: 60 Hours

The Associate of Arts in Bioclinical sciences provides students with a foundation of knowledge and skills applicable to broad range of applied health sciences professions. It is not designed to be a directed path of study for any one particular health science program, nor is it an appropriate choice for students with an end goal of a advanced medical degree (such as a MD). Students with a goal of entering a selective admissions health science program should follow the recommended prerequisite course sequence provided by that program to ensure they are taking the appropriate courses.

Institutional Requirements - 2 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
BCS-102 Navigating Bioclinical Science	Credits: 2			

General Education Requirements - 44 Credit Hours

CORE 42 is a statewide general education course of study intended to ensure that all graduates possess a common core of college-level skills and knowledge. CORE 42 specifies the basic competencies and knowledge areas that all students completing degrees at a Missouri public institution of higher education must complete. CORE 42 is comprised of dozens of courses distributed across five knowledge areas. These courses are designated with a Missouri Transfer (MOTR) course number, which guarantees the one-to-one transfer of these courses among all Missouri public institutions of higher education. Please refer to MDHE Core Transfer Curriculum for detailed information on CORE 42 courses.

All knowledge areas below, designated with the CORE 42 logo indicate all courses in that area have been evaluated and provided a MOTR number for transfer to all Missouri public institutions of higher education.

Mathematical Sciences - 3 Credit Hours

note: some applied health sciences programs may require MTH 130

Course Name	Credits:	Semester Completed	Grade	CORE 42
MTH-128 Contemporary Mathematics OR	Credits: 3			
MTH-128S Cont Mathematics with Support	Credits: 4			

Written Communication - 6 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
ENG-100 Composition I With Support **or**	Credits: 5			
ENG-101 Composition I	Credits: 3			
ENG-150 Technical Writing *Prerequisite(s):* ENG 100 or ENG 101.	Credits: 3			

Oral Communication - 3 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
COM-100 Introduction to Communication	Credits: 3			

Humanities and Fine Arts - 9 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
Choose any 3 of the following: *please refer to health sciences program prequisites to make appropriate selections*				
ENG-180 Introduction to Literature	Credits: 3			
PHL-101 Introduction to Philosophy	Credits: 3			
PHL-105 Introduction to Ethics	Credits: 3			
REL-100 Intro Religions Of The World	Credits: 3			

Natural Sciences - 8 Credit Hours

Course Name	Credits:	Semester	Grade	CORE 42

		Completed		
BCS-165 Human Anatomy	Credits: 4			
CHM-101 Introductory Chemistry	Credits: 4			

Social and Behavioral Sciences - 9 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
PLS-101 American Government and Politics	Credits: 3			
PSY-110 Introduction to Psychology	Credits: 3			
SOC-101 Introduction to Sociology	Credits: 3			

Core Electives - 6 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
BCS-132 Allied Health Nutrition	Credits: 3			
BCS-210 Pathophysiology *Prerequisite(s):* Grade of "C" or better in BCS 165 and BCS 200 and BCS 205.	Credits: 3			

Institutional Electives - 14 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
BCS-200 Microbiology AND *Prerequisite(s):* Grade of "C" or better in BCS 165.	Credits: 4			
BCS-205 Human Physiology *Prerequisite(s):* Grade of "C" or better in BCS 165.	Credits: 4			
Choose any 2 of the following: *please refer to health sciences program prequisites to make appropriate selections*				
BUS-185 Professional Readiness	Credits: 3			
BUS-200 Leadership *Prerequisite(s):* BUS 150.	Credits: 3			
CIS-101 Technology & Digital Literacy *Prerequisite(s):* Keyboarding skill of 25 WPM or BUS 101 or CIS 100 recommended.	Credits: 3			
COM-200 Interpersonal Communication *Prerequisite(s):* Grade of "C" or better inENG 100 or ENG 101.	Credits: 3			
EMS-150 EMS Essentials *Prerequisite(s):* EMS 101 course completion or an EMT license prior to this course is required.	Credits: 3			
HSC-120 Medical Terminology	Credits: 3			
PSY-270 Psychology of Aging *Prerequisite(s):* PSY 110.	Credits: 3			
PSY-285 Abnormal Psychology *Prerequisite(s):* PSY 110.	Credits: 3			
RST-105 Cardiopulmonary Anatomy and Physiology *Prerequisite(s):* BCS 165 or BCS 205.	Credits: 3			
MLT-100 Introduction to the Medical Laboratory AND	Credits: 1			
PLB-100 Introduction to Phlebotomy *Prerequisite(s):* Selective admission into the course.	Credits: 2			

Notes: