

# SOUTHWEST TECHNOLOGY CENTER

711 West Tamarack

Altus, OK 73521

580.477.2250

www.swtech.edu



## Science and Mathematics

### PROGRAM DESCRIPTION

The Project Lead the Way Biomed program will prepare students to further their educational goals at the university level in the medical field or life science fields. The Biomedical Sciences program combines 4 courses required by Project Lead the Way as well as 5 college courses in math and science. The program length is 18 months which is equivalent to 2 years.

### INSTITUTIONAL CREDIT

#### SWTC

Upon completion of the Biomed program, students will receive a completion certificate from Southwest Technology Center.

#### WOSC

Students will earn a maximum of 18 college credit hours towards an Associate's degree in Biology at WOSC. Furthermore, since the credits are considered general education requirements, they are transferable to other universities in the state of Oklahoma. Whether they apply to a particular bachelor's degree is completely up to the receiving institution.

### HIGH SCHOOL

Individual school districts will give 3 credits annually. Districts may assign elective, math and/or science credit for courses. See your home school counselor for their individual policy.

### PREREQUISITES

21 ACT composite or 3.5 GPA  
 19 ACT Math  
 19 ACT Science  
 2.5 cumulative high school GPA

### RECOMMENDATIONS

Algebra I  
 Algebra II  
 Geometry  
 Biology I  
 Chemistry I  
 Met EOI requirements

### Project Lead the Way- Biomedical Sciences and Medicine Level 1

CODE	COURSE	DAYS	SEMESTER	SWTC HOURS	WOSC CREDITS
ST 00003	PLTW-Principles of Biomed	MTWRF	Fall	120 hours	0
ST 00001	PLTW- Human Body Systems	MTWRF	Spring	120 Hours	0
MATH 1513	WOSC-College Algebra	MWF	Fall	48 hours	3
BIOL 1114	WOSC-College Biology	MWF	Spring	64 hours	4
MATH 1613	WOSC-College Trigonometry	TR	Spring	48 hours	3

### Project Lead the Way- Biomedical Sciences and Medicine Level 2

CODE	COURSE	DAYS	SEMESTER	SWTC HOURS	WOSC CREDITS
ST 00004	PLTW-Medical Interventions	MTWRF	Fall	120 hours	0
ST 00005	PLTW-Biomedical Innovations	MTWRF	Spring	120 Hours	0
CHEM 1115	WOSC- College Chemistry	MTWRF	Fall	80 Hours	5
MATH 2013	WOSC- College Statistics	MTWRF	Spring	48 Hours	3

\* Course schedule subject to change

# CHANGING LIVES

## ONE CAREER AT A TIME



### ASSESSMENT

Test: ACT

### ENROLLMENT OPTIONS

High school students Only

Part-time: 8:00 to 11:00 am  
12:00 to 3:00 pm

### PROGRAM CALENDAR

Length: 18 month program  
Start Date: August  
End Date: May

### TUITION RATES

In district: \$0

### PROGRAM ACCREDITATIONS

OK Dept. of Career & Technology  
Oklahoma State Board of Education  
Project Lead the Way

### CONTACT INFORMATION:

Southwest Technology Center  
711 West Tamarack  
Altus, OK 73521  
580.477.2250  
[www.swtech.edu](http://www.swtech.edu)

Ericka Wiginton  
Director of Student Services  
580.477.2250 ext 2240  
[ewiginton@swtech.edu](mailto:ewiginton@swtech.edu)

Stacey Davis  
Instructor  
580.477.2250, ext. 4762  
[sdavis@swtech.edu](mailto:sdavis@swtech.edu)

### ATTENDANCE

High priority is placed on attendance. Success in the Biomed courses as well as at the collegiate level is contingent upon attendance in the classroom. The SWTC attendance policy will apply to all students enrolled in the Biomed program as well as the WOSC policy for the college courses. Attendance will be calculated and applied to each nine-week grading period. Students will be required to be in attendance 95% of the time. If a college course dismisses early or does not meet on a particular day, students will have the option to stay in the EEC or leave campus.

### TRANSPORTATION

Due to the cooperative schedule between SWTC and WOSC in reference to the Project Lead the Way Biomed program, transportation will be the responsibility of the parent. SWTC does provide buses to and from each partner school; however, the bus schedules may or may not accommodate the Biomed program. If course schedules allow, students may take advantage of the transportation. See your home high school for specific bus schedules.

### LOCATION

All PLTW courses will be taught at Southwest Technology Center. College courses will meet at WOSC.

### FINANCIAL AID

No financial aid available for high school program since it is free of charge.

### WOSC-CONCURRENT ENROLLMENT

College courses included in the Project Lead the Way program will fall under the concurrent enrollment guidelines set forth by WOSC. All WOSC guidelines will be applied.

Grants	None available
Scholarships	None available
Other Funding Sources	None Available