Northwest Technology Center

BioMedical Sciences

Fairview Campus

BioMedical Sciences

PROJECT LEAD THE WAY PLTW

• DESCRIPTION:

BioMedical Sciences uses Project Lead The Way (PLTW) curriculum to enhance student learning in the fields of biology, anatomy, advanced mathematics and technology. The curriculum is hands-on and scenario based to allow students an opportunity to apply their knowledge and problem solving skills to complete a task. While BioMedical Sciences leans toward careers in the medical field, any student interested in a career in medicine, engineering, technology or education will benefit from the skills learned in this class. NWTC is accredited by the Oklahoma State Department of Education.

• CERTIFICATIONS/CREDENTIALS:

Students in the BioMedical Sciences program are eligible to test for the following: WorkKeys Certifications.

• CAREER OPPORTUNITIES:

- Physician's Assistant
- Family/General Practicioner
- Surgeon
- Veterinarian
- Nurse
- Medical Technologist
- Optometrist
- Occupational/Physical Therapist
- Dentist
- OT/PT Assistant options

• COST OF ATTENDANCE:

High School In-District Studets No Tuition Charge

BioMedical Sciences is a high school only program. Enrolling in the morning or the afternoon session gives high school students three science and one math credit towards high school graduation during each academic year.

• SALARY POTENTIAL:

By utilizing the SOC Code: 29-1000 for Medical Practioners at www.onetonline.org additional information including working conditions, physical requirements, knowledge skills and salary range can be found at www.onetonline.org/link/summary/29-1000.00.

NWTC provides equal opportunities to all students without regard race, color, sex, pregnancy, gender, gender expression or identity, national origin, religion, disability, veteran status, sexual orientation, age, or genetic information in the operation of CTE programs, recruitment, admissions, financial aid or employment practices.

• COURSE INFORMATION (960 Hours)

Year 1

Principles of BioMed (Fall)	120 Hrs.
Human Body Sys. (Spring)	120 Hrs.
Pre-Calc., Alg. II, Geometry	120 Hrs.
Anatomy and Physiology	120 Hrs.

Year 2

AP Biology/College Biology	120 Hrs.
Medical Interventions	120 Hrs.
AP Stat., Statistics or Pre-Calc.	120 Hrs.
BioMedical Innovations	120 Hrs.

Specific Science & Math courses will be determined by the instructor and administrator.

• SCHEDULES AVAILABLE:

8:20am -11:20am
12:20 pm - 3:20 pm

• INSTRUCTORS:

Shawn Cusack, BioMed Instructor
scusack@nwtech.edu

Ashlee Smart, Math Instructor
asmart@nwtech.edu

801 VoTech Drive, Fairview, OK 73737
580.227.3708

Find Out More on Social Media!

www.nwtech.edu
www.facebook.com/AlvaBioMed/
twitter.com/NWTCAlvaBioMed/
instagram.com/NWTCBioMed/

• APPLICATION & ADMISSIONS:

Complete an application at https://nwtech.edu/student-services/enrollment-processes/. For Admission Questions or To Schedule a Visit: Call NWTC at 580.227.3708.