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.

• 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

• 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.

Non-Discrimination Info

English/Spanish