

BioMedical Sciences

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:

- WorkKeys Certifications

CAREER OPPORTUNITIES:

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

COST OF ATTENDANCE:

High School In-District Students - 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 Practitioners 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

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|------------------------------|----------|
| 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

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|-----------------------------------|----------|
| 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:

8:05am - 11:05am
12:35 pm - 3:35 pm

INSTRUCTORS:

Kasey Adair, BioMed Instructor
kadair@nwtech.edu

Dr. Brenna Koppitz, BioMed Instructor
bkoppitz@nwtech.edu

Dakota Buckhaults., Math Instructor
dbuckhaults@nwtech.edu

1801 Eleventh St., Alva, OK 73717
580.327.0344

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 580.327.0344.

Non-Discrimination Info
English/Spanish

