



Course Description and Learning Outcomes:
https://www.sinclair.edu/course/params/subject/BTN/courseNo/1120/
Faculty Pathway Specialist(s) (Please include name, email and office hours):
Susan Luken, susan.luken@sinclair.edu , office hours available through email
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
<u>Basic Laboratory Methods for Biotechnology</u> 3rd edition (2022) – by Lisa Seidman, Cynthia Moore, and Jeanette Mowery 978-0-367-24488-0
Equipment needed: chemical spill kit, various examples of PPE, glove types, and safety equipment, chemical bottles w/SDS. Internet connection for web searches.
<u>Optional:</u> Fire Safety training with extinguishers is often done in this course and will be covered. If possible, include this in your course.
How is the final grade for the course determined? (Please list all required assignments, assessments, etc.)
Final Grade is determined by a Final Exam. Additional chapter tests and homework assignments suggested.
Who is responsible for grading the required assignments and/or assessments? (faculty or instructor?)
If the final exam is given on paper, the high school instructor is required to grade and post grades. If the class takes the assessment online, the Sinclair faculty will assist with grading, and instructor will post grades to eLearn (please notify).
Scoring or rubric for grading and answer key is provided.
What is the grading scale for the course?
Grading scale: A is 100-90%, B is 89-80%, C is 79-70%, D is 69 – 60%, F is 59% and below. Yes, borderline grades can be rounded up (89.5 can be an A).
Must students access the eLearn shell regularly to complete requirements?
Not required, the teacher can print assignments and tests out and input the grades. Activities can be printed and completed by hand.
Does the course require access to YouTube, GoogleDrive, etc.?
We have available links, however not required.

Additional course details or requirements important for instructors not covered above:

This course will cover chapters 3-10 and 35-38 in the textbook listed above.

In addition we focus special lessons towards cGLPs and cGMPs as requested by our industry partners. If you are unfamiliar with those regulations, there are units in the eLearn course and free resources online that students can work through to understand more about those targeted regulations. Fire safety & extinguisher training has also been added to the course.

Tests, activities, lectures, and homework available in eLearn if you'd like to use for students, please email Faculty, Susan Luken (susan.luken@sinclair.edu) for more help accessing documents or with issues grading.

Most common (or popular) degrees this course is in?

Biotechnoloy AAS
Bio Science Lab certificate

24-25 AY