

Q17. Name:

Sonia Wallman

Q19. Course:

BT10

Q1. A. Learner Objectives & Interaction

	Evident	Not Evident	Not Applicable
The course learning objectives are measurable.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning objectives are stated clearly and written from the student's perspective.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The learning objectives are appropriately designed for the level of the course.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instructions make clear who the instructor is and how to contact the instructor.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
The course timeline and schedule of assignments is clear.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q2. Comments:

Course is not currently in session so no surprise that there is no information as to how to contact the instructor.

Q12. B. Learner Support (adapted from Quality Measures Rubric Standards Fifth Edition, 2014)

	Evident	Not Evident	Not Applicable
Course instructions articulate or link to an explanation of how the institution's academic support services and resources can help the student succeed in the course and how the student can access them.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Course instructions articulate or link to an explanation of how the institution's student services can help the student succeed and how the student can obtain them.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q13. Comments:

Q3. C. Instructional Design

	Evident	Not Evident	Not Applicable
The course organization and design is clear, coherent, and structured in an appropriate way.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Concepts and skills build logically and purposefully throughout the course, with transitions to support development and understanding from skill to skill.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q4. Comments:

Q5. D. Instructional Materials

	Evident	Not Evident	Not Applicable
The instructional materials contribute to the achievement of the stated course objectives.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The instructional materials are current.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The learning activities promote the achievement of the stated learning objectives.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning activities provide opportunities for interaction that support active online learning.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
The course is designed into stages of introduction, development, and assessment.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The videos, graphics and articles are appropriate for the level of learning and focus for the course.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
The activities are engaging and support active engagement with the content and course objectives.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q6. Comments:

There are lots of video and animation resources out there and links to these should be included in the online course and in the course syllabus.

Q7. E. Assessment & Measurement

	Evident	Not evident	Not Applicable
The types of assessments selected measure the stated learning objectives and are consistent with module activities and resources.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
The assessment instruments selected are varied and appropriate to the student work being assessed.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q8. Comments:

The assessment is predominantly by getting 70% of module exam questions, correct. There is a performance assessment, noted, at the end of the course. But no specifics are given.

Q9. F. Industry-Based Application

	Evident	Not Evident	Not Applicable
Course materials, activities, and learning outcomes reflect direct application to the target occupation.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q10. Is it clear that this course is foundational, intermediate, or advanced in preparing students for high-wage, high-skill employment?

- Yes
- No
- Unclear

Q14. Comments:

This foundational course will prepare students for entry level jobs in the high-wage, high-skill local biomanufacturing industry by providing hands-on skills training on the equipment, processes, and regulatory structure of the biomanufacturing industry.

Q17. G. Do the openly licensed works appear to have the proper attributions?

Evident

Not Evident

Not Applicable

Q18. Comments:

The Introduction to Biomanufacturing textbook chapters used to support the course do not appear to have the proper attribution.

Q25. H. Do the course materials include features that make them accessible as a learning resource for all students, including students with disabilities?

Evident

Not Evident

Not Applicable

Q26. Comments:

Q19. I. After reviewing the course in total, are there content topics that are missing or need to be improved?

Yes

No

Q20. Comments:

Q21. J. After reviewing the course in total, are there content variety (e.g. multimedia, project based learning, etc.) that are missing or need to be improved?

Yes

No

Q22. Comments:

On the Moodle for BT 10, add links to the various videos and animations that are available from the BTEC Center at NC State; the NBC2 and Bio-Link.

Q23. K. After reviewing the course in total, are there instructional design elements that are missing or need to be improved?

Yes

No

Q24. Comments:

I think students in the course might benefit from a more detailed set of Learning Outcomes and Assessments. This course has three broad Learning Outcomes listed: Understand the Purpose, Fundamentals and Regulations of Biomanufacturing; Understand the Science Underlying Biomanufacturing and Apply Techniques and Procedures Applicable to Biomanufacturing. The assessment is mostly by written exam; the third learning objective may be assessed by measuring performance.

Q11. Overall Review Comments:

With the set of learning objectives and learning outcomes and assessments provided, it is evident that the course will provide a good foundation to understanding the local biomanufacturing industry.