

Syllabus for ABT 765

Assessing Innovation in Biotechnology

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

A survey of biotechnology assessments in areas such as regenerative medicine, agricultural biotechnology, and bioremediation. Course links disciplines with the critical evaluative role played by scientific discovery, market valuation, intellectual property, freedom-to-operate (FTO), and licensing strategy by assessing the role each played in the commercialization of a specific technology.

Prerequisite(s)

None.

Course Outcomes

Upon completing this course, you will be able to do the following:

- Assess the features of a successful biotechnology.
- Differentiate among types of biotechnologies and the industries that utilize them.
- Demonstrate the ability to synthesize ideas to solve given problems.
- Link discovery and value.
- Communicate the criteria of intellectual property.
- Critique licensing goals and strategies..

Course Requirements/Components

Quizzes

Intended to confirm completion and comprehension of readings and/or narrated presentations. They are 'content-based' with answers being located within the referenced content.

Discussions

Most weeks include discussions intended for students to engage with one another on topics relevant to unit content. Students are asked to post reflections on discussion topics and respond in-kind to their classmates' insights.

Written Assignments

Longer form essays designed to investigate weekly topics at a more critical level. Often include content matter for analysis or instructions for students on how to locate topics.

Unit Assignments

At the conclusion of each unit, students may be asked to explore the subject matter at a deeper level. Similar to written assignments but more thorough in output. Unit assignments are to be completed within 10 days of their posting.

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Grade	Percentage Range
A	93 - 100%
A-	88 - 92.9%
B+	84 - 87.9%
B	81 - 83.9%
B-	78 - 80.9%
C+	75 - 77.9%
C	70 - 74.9%
C-	60 - 69.9%
F	0 - 59.9%

Assignment	Percentage
Quizzes	10%
Unit Assignments	20%
Writing Assignments	40%
Discussions	30%