

# Syllabus for ABT 790

## Capstone

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

### Course Description

Students will complete a project (report, business plan, program, etc) in an area of quality assurance and compliance, business and management, and/or research and development. Culminating in a substantive body of work, executive summary, and reflection. Networking and communication in a professional capacity is expected.

### Prerequisite(s)

ABT 789

### Course Outcomes

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

- Integrate scientific knowledge and professional skill development accrued through research, didactic learning, and professional networking, to achieve fruition of a project.
- Develop a well-articulated written paper and summation of the capstone.
- Reflect upon capstone experience.

### Course Requirements/Components

Grades will be assessed, using a variety of methods:

- 1. Final Paper: Consisting of an a) project report or b) business plan.**

**Project Report** may include background and rationale (significance), problem description (goals and limitations of project), materials and methods detailing any novel technology or experimental approach, results presented as figures and tables, discussion stating all outcomes, including a critical analysis of the data highlighting prevailing ideas in the field, and relevant literature review supporting the work. Any details omitted to honor confidentiality agreement should be noted in an appendix, with a statement explaining the omission.

**Business Plan** may include company description, product/service, SWOT analysis,

competition, marketing plan, financial projections and funding, intellectual property, regulatory environment, strategy (research and development, production, market entry), and management team.

2. **Executive Summary:** A short summary summarizing project or business plan report.
3. **Reflection:** A written reflection on student's capstone experience. A form of interpersonal communication.

## Grading

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

Grade	Percentage Range
A	92.5% - 100%
A-	89.5% - 92.4%
B+	86.5% - 89.4%
B	82.5% - 86.4%
B-	79.5% - 82.4%
C+	76.5% - 79.4%
C	72.5% - 76.4%
C-	69.5% - 72.4%
F	0 – 69.4%

Assignment	Points
Project Report or Business Plan	85
Executive Summary	5
Reflection	9
Capstone Form	1
<b>Total Points</b>	<b>100</b>