

**WILMINGTON UNIVERSITY
COLLEGE OF TECHNOLOGY
BASIC COURSE INFORMATION**

COURSE TITLE: Applied Technology Capstone Planning

COURSE NUMBER: APL 310

I. MAJOR INSTRUCTIONAL OBJECTIVES:

A. Prepare a personal academic / development plan and assessment of current competencies to ensure readiness for completing their degree. Key developmental areas include:

- A-1 Problem analysis and solution strategies
- A-2 Critical thinking
- A-3 Business communications
- A-4 Project management

B. Using a supplied template, prepare preliminary project proposal for APL 410 Applied Capstone course. Elements of the template will include:

- B-1 An overview of the organization in which the project will be completed
- B-2 A statement of the problem or opportunity to be addressed
- B-3 A description of project deliverables: the specific, measurable results to be attained
- B-4 Preliminary identification of assumptions, constraints and risks
- B-5 Identification of proposed project sponsor, and key stakeholders and project participants

C. Through a series of multi-disciplinary exercises, demonstrate necessary research skills to include:

- C-1 The identification of problems and research questions,
- C-2 The use of literature in research, and
- C-3 The establishment of an approach for resolving problems using ethical principles.

II. CLASS PARTICIPATION:

Students are expected to attend class and participate actively and in a positive way. Questions and relevant observations are encouraged and enrich the experience of the entire class.

Computers in the classrooms are intended to be used as tools to enhance the students' learning experience. Instant messaging, gaming, emailing, and surfing the web are distractions to the student, the surrounding students, and the instructor and constitute inappropriate behavior. Students are ethically obliged to avoid these and similar practices.

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