

Memo For Record: Regarding how ITC 460 Leading Technical Projects supports the guidelines published by the Curriculum Council.

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Overview

The first and third Curriculum Council outcomes and assignments are implemented via Assignment 3 of the Capstone course, ITC 460. Both the second outcome and Curriculum Council assignment are implemented and assessed via the actual course project deliverable, the Project Document.

Of the entire course, 70 percent of the grade comes from the project deliverable. Assignment 3 counts for 100 points, or 10 percent of the semester grade. Most of the remaining 600 points of the actual project assess the students' ability to frame questions, carry out critical analysis, and produce work of substantial complexity and quality.

Outcomes provided by the Curriculum Council (and how they will be attained)

A. Habits of mind that foster integrative thinking between the liberal arts core curriculum and their major field of study. (Assignment 3)

B. Achievement and demonstration through advanced research and/or creative projects the ability to frame questions, carry out critical analysis, and produce work of substantial complexity and quality related to their chosen field of study. (Assignment 3 and Final Project Deliverable: Project Document)

C. Reflect and demonstrate their ability to think critically, globally, and missionally about their discipline. (Assignment 3)

Required Assignments (how they will be attained)

A. A required paper with a minimum length of 2000 words (approximately 7 pages) and worth a minimum of 10% of the assessment for the course in which it is included. This paper provides an opportunity for a summative assessment of the student's information literacy skills, including the proper citation of a minimum of 5 appropriate sources that support their research. Options to satisfy this prompt include, but are not limited to, a traditional research paper; a evaluative/reflective essay that accompanies a creative or scholarly work (such as a senior art show or recital), describing elements of the creative process; or a business plan that incorporates market research and analysis with the proposal of a specific entrepreneurial venture. (Assignment 3)

B. An assignment that demonstrates the student's ability to think critically about faith and vocation as it is expressed in a particular discipline met by a course or experience in the students' degree plan or major. (Assignment 3 and Final Project Deliverable: Project Document)

C. A comprehensive skills and accomplishments inventory reflecting the student's scholarship (research and creative activities), accomplishments, co-curricular activities, service, leadership, internships, integrative thinking, knowledge, etc. (Assignment 3)

ITC 460 Managing Technical Projects

Assignment 3 (10%): Consulting Team Application

As with the rest of the course, you are assuming the role of a technical professional employed by the consulting firm Byrd & Associates, LLC. In this scenario, you are applying for a position on a team that will be assigned to a major project lasting several months. Your placement on the team requires acceptance of both the team leader and the client organization.

This assignment consisting of three parts is intended to provide you with the opportunity to:

- Part A demonstrate expertise in the area of your academic major
- Part B demonstrate critical thinking about integrating faith and vocation

- Part C demonstrate knowledge of client domain by performing market research and analysis

Part A

The application should characterize not only what expertise you have that makes you qualified for the position but also detail where you acquired it, including at least coursework, co-curricular activities such as club or service projects, faculty or supervisor mentoring, and personal research. In this reflective section of your application you should detail your scholarship (research and creative activities), accomplishments, co-curricular activities, service, leadership, internships, integrative thinking, knowledge, etc.

Part B

Especially since the client is a nonprofit organization you will need to describe your ability to incorporate spirituality into your technical expertise. Demonstrate your ability to think critically about faith and vocation as it is expressed in this non-profit organization. Tell how your attainment of this position will impact the organization in a spiritual way and how your soft skills (communication, teamwork, ethics) will enhance your technical skills.

Part C

Additionally, demonstrate your expertise in the knowledge domain of the client firm and its industry or business sector. Perform a market research and analysis of the industry sector and, specifically, of the client firm. Support your investigation using at least five external sources that are properly cited and referenced, using the APA style guide.

The application must be at least 2000 words long (about seven pages). This individual assignment is worth 10 percent of your semester grade and must be included in the team's final Project package. This assignment is due two weeks from today. Use one-inch margins with 10 or 12 font sizes; paginate; include figures and tables as appropriate;

