

2020 AECT D&D Problem Statement

NATO is opening a new Education and Training Facility (ETF) this year, and the leaders has decided it would be a great time to analyze their entire training framework before this facility opens its doors. NATO Headquarters Supreme Allied Command Transformation (HQ SACT) has outsourced various training projects over the years. A request for proposal (RFP) for the creation of a new eLearning training framework for this new ETF has been posted. NATO HQ will select the contracting company who has submitted the best proposal. Given your team's strong instructional design and performance improvement background, you and your team have decided to submit a proposal.

Facility Background

The new ETF will host 500 students yearly and house classrooms, meeting rooms, an auditorium, and plenty of office space for staff. The staff office space will also have a conference room that can seat up to 20 people. The auditorium will accommodate 100 people and each classroom a maximum of 20 students. The facility will have state-of-the-art training technology capabilities with high bandwidth Internet connection (wired and wireless). In addition to the classrooms, there will be a computer laboratory equipped with printers and a dedicated secure network.

This ETF's education focal areas include: *Command and Control*, *Security Force Assistance*, and *Defense Against Terrorism*. For each of these areas, there will be a dedicated Subject Matter Expert (SME) team who will be led by a director.

Your team's task is to create a more effective and efficient NATO training framework for this new ETF that is supported by technology, enabling the facility to train 1000 student (twice the physical capacity) yearly. Your framework should take the form of a document with text, charts, and graphics as needed.

These six elements MUST BE included in your framework:

- 1) Methodology used to develop the framework
- 2) Evaluation
- 3) Training technology identification
- 4) Content identification
- 5) Development strategies
- 6) Implementation strategies

Tips and Suggestions

Effectively the organization has a training center that can reach 500 students. With the advent of modern technology, the organization would like to expand the reach of this training outside the walls of the training center. The goal is to be able to reach at least twice as many students. The focus moves to include building an eLearning training component from existing instructor-led courses to complement the existing training program.

Disclaimer – this problem statement reflects a fictional problem. While the subjects are all actual ones within NATO, the training facility specifications are fictional for the purposes of this problem statement. Even though the problem itself is fictional in this specific instance, this problem is one that is relevant to our field.

2020 AECT D&D Problem Statement
Design and Development Competition
Problem Statement for Case Study

The first two rounds of the competition focus on three components: theoretical excellence, feasibility and creativity.

Phase I of the Competition

The first-round proposal must specifically address the **Overview** elements. These six elements **MUST BE** included in your framework:

- Methodology used to develop the framework
- Evaluation
- Training technology identification
- Content identification
- Development strategies
- Implementation strategies

The first proposal must be detailed enough to give a sense of what you intend to do, but should not be the final product in full detail.

The creation of this document is your first task. An administrative liaison will be available to answer your questions about the context/circumstances of the problem. Up to eight proposals from Phase One will be selected to proceed to Phase Two, for which a formal and complete proposal of your entire solution to the problem will be required.

Important: Failure to remove personal information, names, and institutional information will result in automatic disqualification from the competition.

Each submission will be from a team of two graduate students working together to solve the problem. Graduate students do not need to be from the same

Disclaimer – this problem statement reflects a fictional problem. While the subjects are all actual ones within NATO, the training facility specifications are fictional for the purposes of this problem statement. Even though the problem itself is fictional in this specific instance, this problem is one that is relevant to our field.

university, however all participants must be members of AECT and the Design and Development Division of AECT by the final phase of the competition.

Phase II of the Competition

The second-round proposal must specifically address the elements included in the **Implementation Plan**. If NATO ACT determines that your proposal represents a viable solution, you will work with an independent learning consultant (a mentor) who will be assigned to help you develop what will become your final plan. You will create a detailed description of the process you propose and the means by which you will deliver it. As much as possible, justifications for the decisions that went into your proposal need to be provided. The creation of the process, pilot program, and training examples is your second task.

The top three proposals from Phase Two will be invited to make a presentation to the judging panel at the AECT Annual Convention in the third and final phase.

Phase III of the Competition

If your team designs one of the top proposals, you will be asked to make a 30---minute presentation to NATO ACT advisory board where they will select which of the three proposals to fund. At the 2020 AECT annual conference, each selected team will have 30 minutes to present (20 minutes for presentation and 10 minutes for questions) their solution. A team of expert faculty will play the role of the NATO ACT advisory board members/judges. The judges will deliberate and one team will be selected to receive the contract, which means winning the “Best Presentation” component of the AECT 2020 Design and Development Competition!

The announcement of the “Best Presentation” will take place during the 2020 AECT Annual Convention. Please note that if a team is selected to move on to Phase III of the competition, both team members from the team must be present at the AECT 2020 Annual Convention to present in this final phase of the competition.

Specific deadlines for each of the rounds of the competition will be provided on 2020 timeline found on the competition website located on the Featured Links section of the main page of the AECT Website - <http://www.aect.org>.

Disclaimer – this problem statement reflects a fictional problem. While the subjects are all actual ones within NATO, the training facility specifications are fictional for the purposes of this problem statement. Even though the problem itself is fictional in this specific instance, this problem is one that is relevant to our field.