**ROYAL CANADIAN AIR CADETS**

**PROFICIENCY LEVEL FOUR**

**INSTRUCTIONAL GUIDE**

**SECTION 2**

# EO M407.02 – DISCUSS YEAR FOUR CADET SUMMER TRAINING CENTRE (CSTC) TRAINING OPPORTUNITIES

Total Time: 30 min

## PREPARATION

### PRE-LESSON INSTRUCTIONS

Resources needed for the delivery of this lesson are listed in the lesson specification located in A-CR-CCP-804/PG-001, *Proficiency Level Four Qualification Standard and Plan*, Chapter 4. Specific uses for said resources are identified throughout the instructional guide within the TP for which they are required.

Review the lesson content and become familiar with the material prior to delivering the lesson.

Read CATO 51-01, *Air Cadet Program Outline*.

### PRE-LESSON ASSIGNMENT

Nil.

### APPROACH

A group discussion was chosen for TP 1 as it allows the cadets to interact with their peers and share their experiences, opinions, and feelings about year four CSTC training opportunities.

An interactive lecture was chosen for TP 2 to orient the cadets to the choices for year four CSTC training opportunities and to generate interest in the subject.

## INTRODUCTION

### REVIEW

Nil.

### OBJECTIVES

By the end of this lesson the cadet shall have discussed year four CSTC training opportunities.

### IMPORTANCE

It is important for cadets to identify the year four CSTC training opportunities available to them because it may help them decide if and for which course they would like to apply.



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**Teaching point 1** **Discuss the areas of interest of CSTC training opportunities.**

Time: 10 min Method: Group Discussion

## BACKGROUND KNOWLEDGE



The point of the group discussion is to draw the following information from the group using the tips for answering / facilitating discussion and the suggested questions provided.



Write the specialty areas on a whiteboard / flip chart. Explain the activities that are conducted within each area.

### FITNESS AND SPORTS

Cadets will improve individual fitness and sport knowledge and skills. Activities will focus on:

- officiating,
- fitness instruction,
- sports leadership,
- coaching,
- rules and regulations of sports, and
- personal fitness.

### MUSIC

#### Military Band Musician

Cadets will develop music knowledge and skills. Activities will focus on:

- music theory;
- playing an instrument as part of an ensemble;
- playing an instrument as part of a military band; and
- developing individual music skills.

#### Pipe Band Musician

Cadets will develop music knowledge and skills. Activities will focus on:

- music theory;
- playing an instrument as part of an ensemble;



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- playing an instrument as part of a pipe and drum band; and
- developing individual music skills.

**MARKSMANSHIP**

Cadets will develop the knowledge and skills required to improve marksmanship and coaching abilities. Activities will focus on:

- recreational and competitive air rifle marksmanship,
- various marksmanship techniques,
- firing positions,
- duties of a range assistant, and
- basic duties of a marksmanship coach.

**LEADERSHIP**

Cadets will develop the knowledge and skills required to improve leadership abilities in a peer and small group setting. Activities will focus on:

- leadership,
- supervision,
- team-building,
- instructional techniques,
- effective communication,
- problem solving, and
- ceremonial drill.

**AVIATION**

Cadets will develop the knowledge and skills required to improve their understanding of the fundamentals of aviation. Depending on the course chosen, activities will focus on:

- pilot training,
- meteorology,
- aero engines,
- air navigation,
- airmanship,
- principles of flight,
- navigation,
- pilot decision making,
- air law,
- flight safety, and
- aviation medicine.



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**AVIATION TECHNOLOGY**

Cadets will develop knowledge and skills required to improve their understanding of the fundamentals of aviation technology. Depending on the course chosen, activities will focus on:

- aerodrome operations,
- aircraft fabrication,
- aircraft construction, and
- aircraft maintenance.

**AEROSPACE**

Cadets will develop knowledge and skills required to improve their understanding of the fundamentals of aerospace science. Activities will focus on:

- theoretical and practical principles of space science,
- simulations of life in space,
- familiarization with recognized space missions, and
- history of space exploration.

**AIRCREW SURVIVAL**

Cadets will develop the knowledge and skills required to improve aircrew survival skills. Activities will focus on:

- instructional techniques in the field,
- map and compass for ground navigation,
- leadership in a field setting,
- fire construction,
- shelter construction,
- signal construction, and
- food and water collection.

**STAFF CADET ADVANCED TRAINING**

Staff cadets may not be less than 16 years of age as of the first day of January of the year of advanced training. Staff cadets are not employees. Participation by the staff cadet during authorized CSTC summer training constitutes advanced training.




Cadets can find more information about staff cadet advanced training at CATO 13-28, *Advanced Training–Staff Cadets*.



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## GROUP DISCUSSION




**TIPS FOR ANSWERING / FACILITATING DISCUSSION:**

- Establish ground rules for discussion, eg, everyone should listen respectfully; don't interrupt; only one person speaks at a time; no one's ideas should be made fun of; you can disagree with ideas but not with the person; try to understand others as much as you hope they understand you; etc.
- Sit the group in a circle, making sure all cadets can be seen by everyone else.
- Ask questions that will provoke thought; in other words avoid questions with yes or no answers.
- Manage time by ensuring the cadets stay on topic.
- Listen and respond in a way that indicates you have heard and understood the cadet.
- This can be done by paraphrasing their ideas.
- Give the cadets time to respond to your questions.
- Ensure every cadet has an opportunity to participate. One option is to go around the group and have each cadet answer the question with a short answer. Cadets must also have the option to pass if they wish.
- Additional questions should be prepared ahead of time.

**SUGGESTED QUESTIONS**:

Q1. Which areas of interest in summer training appeal to you? Why?

Q2. Who is interested in applying for summer training this year? Why?

Q3. What extra-curricular CSTC activities did you most enjoy during previous summers? Why?




Other questions and answers will develop throughout the group discussion. The group discussion should not be limited to only those suggested.




Reinforce those answers given and comments made during the group discussion, ensuring the teaching point has been covered.

## CONFIRMATION OF TEACHING POINT 1

The cadets' participation in the group discussion will serve as the confirmation of this TP.



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**Teaching point 2** **Explain the choices for year four CSTC training opportunities.**

Time: 15 min Method: Interactive Lecture

**ALL SIX WEEK COURSES OFFERED WITHIN EACH AREA OF COMMON INTEREST**

**Fitness and Sports Instructor**

The aim of the Fitness and Sports Instructor course is to enhance skills developed previously, to develop leadership and instructional skills in fitness and sports settings, and to stimulate further interest in personal fitness and healthy living.

**Air Rifle Marksmanship Instructor**

The aim of the Air Rifle Marksmanship Instructor course is to enhance skills developed during proficiency level training and previous CSTC training. As well, cadets will develop leadership, coaching, and instructional skills in a marksmanship setting.

**Military Band – Advanced Musician**

The aim of the Military Band – Advanced Musician course is to enhance knowledge and skills developed during previous music courses, and to develop leadership skills in a military band setting.

**Pipe Band – Advanced Musician**

The aim of the Pipe Band – Advanced Musician course is to enhance knowledge and skills developed during previous music courses, and to develop leadership skills in a pipe band setting.

**ALL SIX WEEK COURSES OFFERED WITHIN EACH ELEMENTAL-SPECIFIC AREA**

**Leadership and Ceremonial Instructor**

The aim of the Leadership and Ceremonial Instructor course is to enhance leadership and ceremonial skills, to develop leadership and instructional skills, and to stimulate further interest in leadership and ceremonial practices.

**Survival Instructor**

The aim of the Survival Instructor course is to enhance survival skills developed previously, to develop new survival skills, and to develop leadership and instructional skills in a survival / field setting.

**Advanced Aerospace**

The aim of the Advanced Aerospace course is to enhance aerospace knowledge developed previously, develop new knowledge and skills, and further stimulate an interest in the aerospace / astronomy topics.

**Advanced Aviation Technology – Airport Operations**

The aim of the Advanced Aviation Technology – Airport Operations course is to enhance knowledge developed previously, develop new knowledge and skills, and further stimulate an interest in airport operations.

**Advanced Aviation Technology – Aircraft Maintenance**

The aim of the Advanced Aviation Technology – Aircraft Maintenance course is to enhance knowledge developed previously, develop new knowledge and skills, and further stimulate an interest in aircraft maintenance.



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**Glider Pilot Scholarship (GPS)**

The aim of the GPS is to train the successful applicant to the standard as defined in the A-CR-CCP-242/PT-005, *Air Cadet Gliding Manual*. Upon graduation from the course, cadets will be awarded their Air Cadet Glider wings and a Transport Canada Pilot Licence - Glider.

**Power Pilot Scholarship (PPS)**

The PPS Program is a seven-week course of ground and flying training designed to qualify air cadets for a Transport Canada Private Pilot Licence IAW Canadian Air Regulations. Training is conducted by member flying schools or clubs of either the Air Transport Association of Canada or l'Association québécoise des transporteurs aériens.

**THREE-WEEK ADVANCED AVIATION COURSE**

The Advanced Aviation course is the only three-week course offered with the completion of Proficiency Level Three. The aim of this course is to enhance the cadet's knowledge of aviation subjects and to further stimulate an interest in becoming a pilot.

**PREREQUISITES FOR EACH THREE- AND SIX-WEEK COURSE**

For all courses other than the GPS, PPS and Advanced Musician courses, the cadet must:

- be undergoing Proficiency Level Three training by the application deadline;
- successfully complete Proficiency Level Three by June 30 of the year the cadet wishes to attend the CSTC;
- be physically fit;
- complete a Summer Training Application Form;
- have parental consent; and
- be recommended by the squadron Commanding Officer.



Cadets do not have to complete a year three CSTC course to apply for year four CSTC courses.

For more information on the GPS and PPS courses, see EO C307.04 (Identify the Application Procedure for the Glider and Power Pilot Scholarships).

**CONFIRMATION OF TEACHING POINT 2**

**QUESTIONS**:

Q1. What are the five 6-week courses offered in areas of common interest?

Q2. What is the only three-week course offered during year three or four summer training?

Q3. What are the prerequisites for three- and six-week courses other than the PPS?

**ANTICIPATED ANSWERS**:

A1. Leadership and Ceremonial Instructor, Fitness and Sports Instructor, Air Rifle Marksmanship Instructor, Military Band–Intermediate Musician, and Pipe Band–Intermediate Musician.

A2. The Advanced Aviation course.



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A3. For all courses other than the PPS, the cadet must:

- be undergoing Proficiency Level Three training by the application deadline;
- successfully complete Proficiency Level Three by June 30 of the year the cadet wishes to attend the CSTC;
- be physically fit;
- complete a Summer Training Application Form;
- have parental consent; and
- be recommended by the squadron Commanding Officer.

## END OF LESSON CONFIRMATION

The cadets' participation in the group discussion will serve as the confirmation of this lesson.

## CONCLUSION

### HOMEWORK / READING / PRACTICE

Nil.

### METHOD OF EVALUATION

Nil.

### CLOSING STATEMENT

Summer training is a fun and exciting aspect of the cadet program. CSTCs are also a place to meet cadets and make new friends from different squadrons across Canada. It is important to be familiar with the CSTC training opportunities offered to be able to apply for courses of interest.

### INSTRUCTOR NOTES / REMARKS

This EO should be conducted before the summer training application deadline.

It is recommended that the summer training application forms be completed during a training session after this EO has been conducted.

## REFERENCES

A0-010 CATO 11-04 Director Cadets 2. (2007). *Cadet program outline*. Ottawa, ON: Department of National Defence.

A0-033 CATO 14-21 Director Cadets 3. (2004). *Music training and education with the Canadian cadet organizations*. Ottawa, ON: Department of National Defence.

A0-128 CATO 13-28 Director Cadets 2. (2006). *Advanced training–Staff cadets*. Ottawa, ON: Department of National Defence.

A3-029 CATO 51-01 Director Cadets 3. (2006). *Air cadet program outline*. Ottawa, ON: Department of National Defence.

*A3-061 CATO 54-27 Director Cadets 4. (2007). Power pilot scholarship program*. Ottawa: ON: Department of National Defence.



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A3-192 CATO 54-26 Director Cadets 4. (2007). *Glider Pilot Scholarship Program*. Ottawa, ON: Department of National Defence.



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