

INTER-AMERICAN AIR FORCES ACADEMY COURSE CATALOG 2023



INTER-AMERICAN
AIR FORCES ACADEMY



Security Cooperation Through



High Education and Training







**DEPARTMENT OF THE AIR FORCE
INTER-AMERICAN AIR FORCES ACADEMY
JOINT BASE SAN ANTONIO-LACKLAND TEXAS**

1 Feb 2022

Colonel José E. Jiménez Jr., USAF
Commandant
Inter-American Air Forces Academy
2431 Carswell Ave
JBSA-Lackland TX 73236-5609

Latin American Armed Forces or Civil Service,

It is my pleasure to present the Inter-American Air Forces Academy (IAAFA) course catalog. This catalog will assist you and U.S Security Cooperation Organizations (SCOs) in selecting and preparing students to attend training at IAAFA. As part of the United States Air Force's Air Education and Training Command, IAAFA focuses on providing education and training in the subjects detailed in this catalog. It is my desire to ensure the students attending IAAFA courses have pleasant and productive stays. Our mission is to provide military education and training to military personnel of the Americas and other eligible Partner Nations. The exchange of cultures and experiences at IAAFA will further strengthen partnerships that advance shared interests and enable Partner Nations to act in support of aligned strategic objectives.

Sincerely,

A handwritten signature in black ink, appearing to read "J. E. Jimenez Jr.", is positioned above the typed name.

JOSÉ E. JIMÉNEZ, JR., Colonel, USAF
Commandant

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GENERAL INFORMATION

IAAFA History

The Inter-American Air Forces Academy (IAAFA) was founded on 15 March 1943, at the request of Peru's Minister of Aeronautics, General Fernando Melgar. The academy trained 11 Peruvian students at Albrook Field, Panama Canal Zone, marking the first U.S. aeronautics training in Latin America.

In the 1940s and 50s, the Academy expanded and changed in response to potential conflicts in the Western Hemisphere and the world at large. The student load increased to 400 students per year. In 1952, the Commandant established the format for today's IAAFA, emphasizing "hands-on" training, adding officer courses, and creating a "Student Support" section responsible for military and athletic instruction and U.S. cultural awareness. In response to U.S. emphasis in Latin America, the Academy changed its name from "Central and South American Air School" to "United States Air Force School for Latin America," to finally "Inter-American Air Forces Academy" in 1966.

On 30 September 1989, IAAFA closed its doors at Albrook AFS, Panama, and moved to Homestead AFB, Florida, reopening 100 days later on 9 January 1990. On 23 September 1992, following almost complete destruction by Hurricane Andrew, IAAFA relocated to Lackland AFB, Texas, once again opening its doors in just under 100 days, on 11 January 1993. Today, IAAFA graduates an average of 900 students a year--quite a step up from the 11 students of 60 years ago.

Student Selection Requirements and Prerequisites

The United States Security Cooperation Organization (SCO) in the U.S. Military Groups and host governments select students to attend the Academy's courses. In accordance with U.S. and Latin American objectives of diversity and inclusion, IAAFA endeavors to welcome as many female students as possible to our program. SCO training officers must ensure each student meets all course prerequisites as stated in the course descriptions of this catalog. Deviations from the minimum requirements established in this catalog must be approved on an individual basis by the IAAFA Commandant or designated representative. Waivers or deviations to course requirement requested must be submitted in writing through AFSAT/TO, (2021 First Dr. West, Randolph AFB TX 78150-4302) and approved by IAAFA/CC.

The SCO training officer must:

- a. Obtain the findings of an official and current physical examination from a designated medical authority for all prospective students certifying the individual is free of infectious diseases or other medical conditions, which would disqualify him/her from general military duty. The prospective trainee should receive all immunizations prescribed by the U.S. Public Health Service as approved by the World Health Organization and must be free of active tuberculosis.
- b. Brief each selected student in accordance with AFI 16-105, Joint Security Cooperation Education and Training (JSCET).
- c. Due to high security, brief the student that the academy is on a U.S. military installation and the importance of abiding by the base rules and regulations.

- d. Accomplish security screening in accordance with AFI 16-105.
- e. Arrange transportation in accordance with AFI 16-105.
- f. Ensure students read the student guide (Guía Estudiantil) prior to departure.
- g. Provide IAAFA/CCI (IAAFA.CCI.StudentAffairs@us.af.mil) with students’ arrival information (rank, name, sex, arrival date and time) no later than one week prior to the anticipated arrival dates to plan billeting and transportation requirements.

NOTE: Students should arrive in San Antonio no later than three days prior to the class start date, but no earlier.

- i. The Academy’s 24-hour point of contact numbers are listed below. Callers may dial the academy toll free line from overseas, but may still be assessed a calling charge by their in-country telephone service.

	From US	From overseas
Toll free	1-800-577-5926	*010-1 (800) 577-5926
Commercial phone	(210) 671-4406	010-1 (210) 671-4406
DSN	473-4406	(312) 473-4406
Commercial Fax	(210) 671-4799	010-1 (210) 671-4799
DSN Fax	473-4799	(312) 473-4799

Academic Calendar

The academic calendar is divided into three classes. Below is the schedule of classes:

Class A – February- April

Class B – May - August

Class C – September - December

General IAAFA Clothing Requirements

General clothing requirements are based on the need of each course. The following table identifies the general requirements for students attending courses at IAAFA. Review the course descriptions and specific requirements to find out what type of uniforms the students need to bring and if their courses provide equipment/additional uniforms. See Table 1.

COURSE LENGTH			
Officer and Enlisted	12 Weeks	Less than 12 weeks: Graduate at end of class	Less than 12 weeks: Do not graduate at end of class
Light blue short-sleeve shirt w/trousers or equivalent	Students must bring	Students must bring	Students must bring
Service dress (coat & tie) or equivalent	Students must bring	Students must bring	Students must bring
Mess (formal) dress (if not available, then most formal uniform)	Students must bring	Students must bring	Not Required
Battle Dress Utilities (BDU) (See Note *)	Students must bring	Students must bring	Students must bring
Flight Suit	Not Required	Students must bring (See note ***)	Students must bring (See note ***)
Combat Boots (See Note **)	Students must bring	Students must bring	Students must bring

Athletic Attire	Issued by IAAFA	Issued by IAAFA	Issued by IAAFA
Specialized Gear	Issued by IAAFA (If required)	Issued by IAAFA (If required)	Issued by IAAFA (If required)

Table 1, General IAAFA Clothing Requirements

*Courses receiving utility uniforms are: Ground Defense Leadership (MASL 173056), Special Reaction Team (MASL 173067), and Advanced Ground Leadership Operator Course (MASL 173098).

**Some students attending aircraft maintenance training courses may require steel toe boots.

***Pilots attending Pilot Instrument Procedures Course (PIPC, MASL 121064) and Instructor Pilot Instrument Procedures Course (IPIPC, MASL 121065) may bring utility uniforms if they do not have flight suits. All other students are required to bring representative utility uniforms, fatigues, or equivalent work uniforms.

Physical Fitness Training (PT)

IAAFA promotes physical fitness training to support the demanding missions of all students and cadre. The goal of the fitness program is to motivate all students to participate in a physical conditioning program that emphasizes fitness. Physical fitness training is mandatory for all students. Medical exemptions granted with approval from appropriate Academy personnel and required documentation.

Grading System

Grades for courses shall be recorded by the following grades:

Blocks with Knowledge Tests	Blocks with Performance Tests
70 – 100 Pass	S = Satisfactory
0 – 69 Fail	U = Unsatisfactory

Awards

NOTE: To be eligible for the following class awards, students must attend/complete a 5-week course or longer.

Commandant's Award. This is presented to one officer and one enlisted student for overall academic achievement, leadership, military bearing, and behavior, as well as individual contributions to the academy and sports.

Academic Achievement Award. This is presented to one officer and one enlisted student who maintain the highest overall academic average among all eligible attendees.

Sports Awards. Team and individual (officer, enlisted and/or civilians) awards are presented to members of winning teams participating in the academy's organized sports program.

Outstanding Athlete Award. This is presented to the outstanding athlete, officer, enlisted, and/or civilian on the basis of physical fitness using the Air Force Physical fitness assessment criteria.

Diploma Recognition. The Distinguished Graduate Program – The Distinguished Graduate (98% grade point average or higher) Program will recognize outstanding achievement in all graduating courses throughout the year. The Distinguished Graduate Program may recognize up to, but not to exceed, 10 percent of a graduating course. Each selection is based on the whole-person concept rather than on academics or performance skills alone. All others not receiving the Distinguished Graduate award who score 95%-100% overall will graduate as Honor Graduates.

NOTE: PME courses will follow the USAF Air University's award guidelines.

Field Studies Program (FSP)

The FSP is a DoD program designed to provide a balanced understanding of the US culture, society, and way of life to all foreign military trainees attending courses in the US. The academy has a very active FSP. Students will have the opportunity to participate in cultural and educational events and visits to several local and state government institutions. As part of the FSP, IAAFA has an “Amistad Program.” This program involves the sponsorship of students by base and local volunteer families and allows students to become familiar with US family and cultural values. Though it is a goal of the program, not all students may be able to obtain “sponsors.”

Grievance Procedures

The Academy’s student grievance procedures are as follows: If any student has a grievance while at IAAFA, they can contact the International Student Support (ISS) leadership to make a grievance at the address below. The International Military Student Officer (IMSO) will investigate the circumstances and report them to the Commandant. The student will be notified when the matter is resolved.

IAAFA/CCI

2431 Carswell Ave

JBSA-Lackland TX 78236-5609

DSN: 473-4406

Commercial: (210) 671-4406

IAAFA Dependents Policy

Dependents are not authorized to accompany students at the academy. If the student chooses to bring his/her dependents, the student is responsible for finding lodging accommodations off base. All academy students live on base and lodge in single quarters which are not designed for families. Long academic days and study requirements leave little available time for family matters. IAAFA cannot alter training programs to meet the specific requirements of students with dependents. If the student still desires to bring a spouse/dependent, he/she should consider the many logistical problems they will encounter (i.e., ineligibility for family to use on-base facilities, very long distances and lack of transportation, dependent’s inability to conduct daily business due to language differences, isolation/boredom, etc.).

Base Exchange (BX) Privileges

All students are authorized full privileges in the Base Exchange system.

Civilian Clothing

Civilian clothing is authorized for all students outside of class hours, and is required during off-base trips and FSPs. Students may purchase additional civilian clothing at the local Base Exchange facilities. Recommend three (3) sets of civilian clothing of light to medium weight, year round. A sweater or light jacket is also recommended for spring and autumn months since the temperature can drop from the mid-80's (27o C) to the mid-40's (4o C) in a matter of hours. Heavier clothing is recommended for the winter months; though again, the temperature may reach well above 60o F (16o C) during the day, low norms for winter range between 30o and 60o F (0o C and 16o C). Additionally, heavy rain may be expected during spring and fall months.

Meals

Meals are provided for students at a base dining facility. All enlisted students that do not receive Temporary Living Allowance (TLA) through IAAFA must pay for their meals. All officer students, regardless of funding status, pay for their meals. All other students sign a cashier's log for daily meals and charges, which are reimbursed through the respective FMS, IMET, INL, or 10-04 channels. Students attending courses taught by security forces will need to make a one-time payment of approximately \$135-\$185 for SRT course and \$100-\$150 USD for the Ground Defense Leadership Course course to cover the cost of Meals-Ready-To-Eat (MRE) during their field training phases. Due to the requirement in advance for MREs, this amount will be collected at the beginning of the class. Students must be prepared for the cash outlay shortly after arrival. This is in addition to the funds referenced in the following paragraph.

Open-Bay Dormitories

IAAFA provides "free" dormitory space for students (Males and Females) E-4 and below. In order for a country to take capitalize on the use of this dormitory space, a Country Liaison Officer (CLO) is required to accompany, reside, and supervise their students 24/7. Furthermore, the assigned CLO must be of the same gender as the students since they will live in the same quarters (open-bay dorms). NOTE: Before scheduling students, please check with the IAAFA IMSO office for availability of dormitory space.

Funds

Officers and enlisted personnel under IMET sponsorship will receive a living allowance to cover meals and incidental expenses as per DOD 5105.38M, Chapter 10, ***unless otherwise indicated by the International Travel Orders (ITO)***. SCO training officers must ensure all students know their pay, allowances, and obligations to the US government are due prior to their departure. IAW AFI 16-105, International Military Students (IMS) should have sufficient funds to cover 30 days' minimum expenses, in their possession, upon entry into the US. First payment after arrival may take up to 4 weeks (holidays not included).

Baggage

Students are authorized a baggage allowance per DOD 5105.38M, Chapter 10, when travel is paid by IMET. Baggage must accompany the student. For portions of the travel funded by the host country, the baggage allowance is determined by the host country or current airline limits. ***IAAFA WILL NOT BE RESPONSIBLE FOR EXCESS BAGGAGE. In addition, IAAFA cannot store or mail any excess baggage left behind due to overweight violations.***

Firearms Policy

No students will be permitted to import firearms into the U.S. while on an ITO from the USAF.

Smoking Policy

All work centers, billeting/lodging rooms, and most recreational facilities at JBSA-Lackland are smoke-free. Smoking is allowed in designated areas only.

Mail

Student mail should be addressed as follows:

Rank/Name of Student

PCS #2/IAAFA/Country

2220 Andrews Ave, Unit 362800

JBSA-Lackland TX 78236-3628

Leave and Absence

Students desiring to take leave or drive back to their home countries upon completion of training must have authorization included in their ITOs.

Medical Care

Students will receive medical care IAW AFI 16-105, reimbursable through respective IMET, FMS, INL, or 10-04 channels. **Eyeglasses are not provided.** If student wears prescription, they should bring a second set, in case they lose/break them. **IMPORTANT:** Please refer to “General” section, Student Selection Requirements and Prerequisites, paragraph “a,” concerning medical screening of students prior to attendance at IAAFA.

Insurance Policy

Students with a medical insurance policy will provide a copy to the ISM upon arrival at the academy. A copy of the policy is placed in their academy records to ensure prompt medical care is provided and billing is charged to their insurance provider.

Dental Care

Students will only receive **EMERGENCY treatment** dealing with extraction and the relief of pain in accordance with AFI 16-105.

Driver’s License

Students should consult with the Students Affairs Flight upon arrival at IAAFA for inquiries regarding a driver’s license.

Applicable Directives and Manuals

DoDM 5105.38, Security Assistance Management Manual (SAMM)

AFI 16-103, Managing the Defense English Language Program

AFI 16-105, Joint Security Cooperation Education and Training (JSCET)

Education and Training Course Announcements, <https://etca.randolph.af.mil/>

AETCI 36-2215, Training Administration

COURSES

Human Rights Training

All students receive Human Rights training during their attendance at IAAFA through the Field Studies Program or course material.

Course Design

a. **First Level Courses.** Courses are designed for entry-level training in the respective career field and are designed to complement in-country training programs. They cover the fundamental skills and knowledge to enable the student to perform on the job under the supervision of an experienced individual. Graduates are semi-skilled and can progress to the fully-skilled level by undergoing on-the-job training.

b. **Advanced Courses.** These courses are designed to train individuals in specific systems primarily at the specialist or supervisor level. **Note:** Students scheduled to attend these courses must have completed, as a minimum, a basic course in the related field or have at least two years of practical experience in the specialty, in addition to meeting all other prerequisites.

Course Numbers

IAAFA uses the AETC course numbering system which includes a 15-digit course number (e.g., L3AZR1234560SRA). This numbering system will be used throughout the catalog and to identify each course, except PME courses. The last letter in the course number identifies the revision of the course. The Military Articles and Services Listings (MASL) number will be used in the course number (ex. L3AZR**1234560**SRA). Use the MASL number in all communications between IAAFA and AFSAT.

Graduation Requirements

Students achieving a cumulative grade of 70% or above (80% for pilot courses) will have completed their respective courses successfully and will receive a diploma at a graduation ceremony. Those who do not achieve the minimum of 70% may be returned to their country with a letter of attendance and a letter explaining the failure, with recommendations for additional training. Students must attend the graduation banquet to receive a diploma.

Course Syllabus

If you are interested in obtaining a particular course syllabus, please contact the International Student Support office at:

Sr. Javier Peraffán
Director, International Student Support
210-671-4802 (javier.peraffan.1@us.af.mil)

or

Sr. Ralph Sanchez
IAAFA Registrar
210-671-5593 (ralph.sanchez.1@us.af.mil)





PROFESSIONAL MILITARY EDUCATION & LEADERSHIP



Aircraft Maintenance Officer Course

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141243) L3OZR1412430SRC	Aircraft Maintenance Officer Course	10 Weeks

STUDENT LOAD: MIN: 4	MAX: 12
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1. Course Description: This course provides training for selected officers, or civilian equivalent, on managerial knowledge and skills needed to perform Aircraft Maintenance Officer duties at the operational level. Students obtain maintenance management skills to help them develop, prepare, execute, and sustain maintenance activities in support of the flying mission. The curriculum provides a comprehensive organizational structure overview, responsibilities and management techniques used in planning, and executing and measuring performance of a maintenance organization. This course includes Air Force Safety Programs; Air Force Occupational Safety and Health Standards; Human Factors; Risk Management (RM), Quality Assurance (QA), Continuous Process Improvement (CPI); Organizational Maintenance Structure and Responsibilities; Fundamentals of Leading a Maintenance Organization; Maintenance Functions; Flying and Maintenance Scheduling; Application and interpretation of Maintenance Performance Indicators and, Aircraft Generation Planning and Execution. The curriculum culminates with a maintenance operations simulator. This allows the students in training to apply the knowledge and skills they gained in a highly detailed and adaptive virtual environment. The simulator helps identify strengths and weaknesses in each student, affording them the opportunity to improve without affecting real world maintenance operations.

2. Course Requirements:

2.1. Eligibility: This course is designed for officers in the grades of O-1 through O-6, police, or civilian equivalent.

Basic maintenance knowledge is highly desirable. 2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Other Information: Students are encouraged to bring material referencing a process problem within their organization to share in class during a presentation.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.4, 1.5, 3.1, 3.2, 3.4, 3.5, 3.6, 4.1, 4.3, 5.1, 5.2, 5.4 and USNORTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.5, 3.1, 3.2, 3.3, 3.4, 4.3, 4.4, 4.5, 4.6.



Aircraft Maintenance

Superintendent Course

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141249) L3AAR1412490SRA	Aircraft Maintenance Superintendent Course	10 weeks

STUDENT LOAD: MIN: 4	MAX: 12
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1. Course Description: This course is designed for experienced senior Noncommissioned Officers or civilian equivalents that perform supervisory and/or superintendent duties and assume a greater leadership role within a maintenance complex. Students increase their knowledge and understanding of maintenance operations while honing his/her military professionalism and increasing their ability to function as a senior maintenance supervisor and/or Maintenance Superintendent. The course instruction includes General Subjects, Operational Programs, USAF Technical Order, Aircraft Forms And Logistics Systems, On-The-Job Training (OJT), Personnel Management, Maintenance Organization Structure and Responsibilities, and Aircraft Generation.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members between the grades of E-5 through E-9, police or civilians equivalent, who are performing aircraft maintenance superintendent duties or that will perform aircraft maintenance superintendent duties immediately after attending this course.

2.2. Medical requirements:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Speech: Normal hearing and speech.

2.2.3. Physical: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.4, 1.5, 3.1, 3.2, 3.4, 3.5, 3.6, 4.1, 4.3, 5.1, 5.2, 5.4 and USNORTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.5, 3.1, 3.2, 3.3, 3.4, 4.3, 4.4, 4.5, 4.6.

Ground Defense Leadership Course

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D173056) L3AZR1730560SRB	Ground Defense Leadership Course	6 Weeks

STUDENT LOAD: MIN: 26

MAX: 44

1. Course Description: This course is designed for security forces personnel of any branch charged with protecting key resources to sustain air operations during peacetime or contingencies. Students learn effective means of operating in any environment to extend defense beyond the boundaries of their installations. Topics include troop leading procedures, warning/operations orders, defense command and control, weapons training, land navigation, tactical movement under direct fire, patrolling, and tactical vehicle deployment. They also participate in field training exercises, which will simulate patrol and urban defense. The course instruction includes Defender Leadership and Defender Skills operations.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-3, police, or civilian equivalent. Personnel not in a security forces or police specialty code may attend with prior coordination.

2.2. Physical/Medical: Top physical condition, NO injuries that could prevent member from training. Specific minimum physical ability standards are shown below in paragraph 2.2.3.

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity. The following is a table of minimum physical standards required to be met on the first day of training:

MALE

Age	1-Minute Push-Ups	1-Minute Sit-Ups	1.5-Mile Run Time
30 and under	33	42	13:36
30-39	27	39	14:00
40-49	21	34	14:52

FEMALE

Age	1-Minute Push-Ups	1-Minute Sit-Ups	1.5-Mile Run Time
30 and under	18	38	16:22
30-39	14	29	16:57
40-49	11	24	18:14

NOTE: It is imperative to consider the student's ability to meet minimum physical fitness standards as it represents their ability to safely and effectively complete the course. Country managers must ensure selected attendees are evaluated on their physical condition and meet listed standards prior to course attendance.

2.3. Uniform/Equipment: See General Clothing Requirements. All required specialized gear will be provided.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 2.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.5, 5.1, 5.4, 5.7 and USNORTHCOM/TCP objectives: 1.1, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.4, 2.5, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 4.5, 4.6.

Inter-American Airman Leadership Course (I-ALC)

COURSE NUMBER	COURSE NAME	LENGTH
MASL D171055 (E-IMET)	International Airman Leadership Course (I-ALC)	8 Weeks
MASL D309109		6 Weeks (MTT)

STUDENT LOAD: MIN: 12

MAX: 28

1. Course Description: The curriculum of the International Airman Leadership Course (I-ALC), reflects the course that is dictated in the Airman Leadership School of the USAF and is designed so that Airmen can assume supervisory positions with complex leadership and administration responsibilities. In addition, Airmen will be able to adapt quickly to the transformations of the USAF and to the continuous changes in the environment. It is the most important course in Enlisted Military Professional Training, since it is designed to provide sufficient supervisory and guidance tools to perform positions that require efficient leadership. The study plan is prepared by the Barnes' Center for Enlisted Education (BCEE). The students learn skills in: critical thinking, problem solving, training and teamwork, feedback sessions, time management, stress management, how to make presentations in public, implement quality concepts in the area of work and apply the concepts of human behavior to positively influence the personnel with whom it relates to achieve the mission in a more efficient and effective way. This course includes the following units of instruction: Professional Airman, Expeditionary Airman, Supervisory Airman, and Supervisory Communication.

2. Course Requirements:

2.1. Eligibility: This course is designed for airmen in the ranks of Senior Airman (E-4) through Staff Sergeant (E-5) for US and E-4 through E-5 for non-USAF students with 7 - 10 years time-in-service (TIS). Graduates of USAF ALS (MASL ZZ41007) are not eligible to attend. Civilian equivalents may attend with prior coordination.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Students must meet the minimum requirements to develop physical conditioning activities according to the standards of their country. The general requirements are: the normal skill required for the formation of field teams and leadership activities. The student is expected to be in good physical condition, which includes 3-mile (~5 km) runs, sit-ups, and push-ups. The IALC physical standards are provided below as a reference. The times defined below are for the distance of 1.5 miles (2.43 km). Sit-ups and push-ups are based on the "correct" performance in the USAF 1-minute physical fitness exam events.

Physical Standards I-NCOC				
Males	< 30	30 – 39	40 – 49	50 – 59
1.5 mile run	13:36	14:00	14:52	16:22
Sit Ups	46	39	34	28
Push Ups	33	27	21	15
Waist measurement	Under 39 inches			
Females	< 30	30 – 39	40 – 49	50 – 59
1.5 mile run	16:22	16:57	18:14	19:43
Sit Ups	38	29	24	20
Push Ups	18	14	11	9
Waist measurement	Under 35.5 inches			

2.3. Uniform/Equipment: See General Clothing Requirements in General Information section. USAF NCOs must bring their Service dress. Mess dress is optional but highly encouraged. All students must bring at least two sets of their respective camouflage uniform and students with a flight uniform must bring at least one set.

3. Other Information: Knowledge of programs like Microsoft Word, PowerPoint, and Internet Explorer is required. Students are required to write a country presentation; therefore, it is a requirement to bring a notebook/laptop and support material preferably in electronic form (i.e. maps, history, tourism, current events).

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 2.1, 3.1, 3.3, 3.5, 4.1, 4.3, 5.4 and USNORTHCOM/TCP objectives: 1.4, 1.6, 2.5, 3.1, 3.2, 3.3, 4.1, 4.5, 4.6.



Inter-American Noncommissioned Officer Course (I-NCOC)

COURSE NUMBER	COURSE NAME	LENGTH
MASL D171033 (E-IMET)	Inter-American Noncommissioned Officer Course (I-NCOC)	8 Weeks
Mobile Course MASL: D309034		6 Weeks

STUDENT LOAD: MIN: 12

MAX: 28

1. Course Description: This course is equivalent to the USAF Noncommissioned Officers Academy (NCOA), which prepares Noncommissioned Officers (NCOs) for advanced leadership and management responsibilities. It is the next level of Professional Military Education (PME) designed for those assuming senior NCO leadership positions. This course is the most important PME training offered to an NCO. It provides the administrative tools to function in positions that require effective leadership. The curriculum is developed by the Barnes Center for Enlisted PME under the USAF Air University guidelines. Instructions are directed and focused on developing leadership skills. Course graduates will develop stronger skills in the areas of: critical thinking, problem solving, training and teamwork, feedback sessions, time and stress management, public speaking, and implementing quality concepts in the work area that influence human behavior to positively persuade personnel to carry out the mission.

2. Course Requirements:

2.1. Eligibility: Airmen in the ranks of Technical Sergeant (E-6) for US and E-6 or E-7 for non-USAF students with more than 10 years TIS and a maximum of 19 years TIS that successfully completed MASL D171055. Graduates of USAF ALS (MASL ZZ41007) are not eligible to attend. Civilian equivalents may attend with prior coordination. Familiarization with Microsoft Internet Explorer, Microsoft Word, and PowerPoint and Excel programs is highly recommended.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

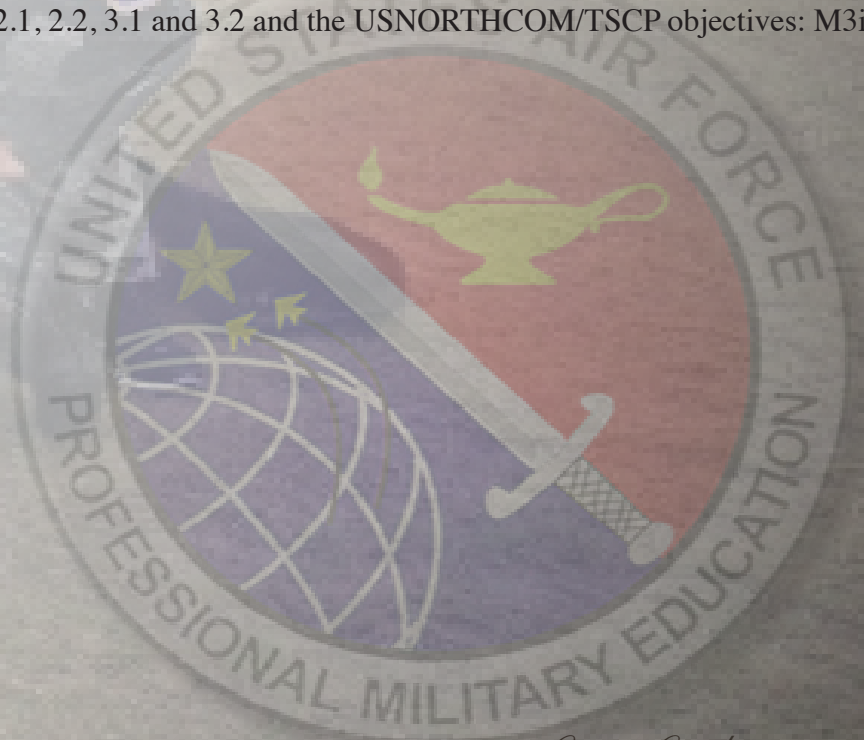
2.2.3. Physical/Other: Must meet minimum physical requirements established by individual country's directives. In addition to:

Physical Standards I-NCOC				
Males	< 30	30 – 39	40 – 49	50 – 59
1.5 mile run	13:36	14:00	14:52	16:22
Sit Ups	46	39	34	28
Push Ups	33	27	21	15
Waist measurement	Under 39 inches			
Females	< 30	30 – 39	40 – 49	50 – 59
1.5 mile run	16:22	16:57	18:14	19:43
Sit Ups	38	29	24	20
Push Ups	18	14	11	9
Waist measurement	Under 35.5 inches			

2.3. Uniform/Equipment: The general uniform requirements to attend are: Formal and Semi-Formal Military service uniform or equivalent attire for civil forces. Tactical Battle Dress (Camouflaged) military uniform and physical training uniform. Civil forces must adhere to equivalent requirements. See uniform requirements in the Student Affairs Information section of the IAAFA Web Page. <http://www.lackland.af.mil/iaafa/index.asp>

3. Other Information: Students are required to write a country presentation; therefore, it is a requirement to bring a notebook/laptop and support material preferably in electronic form (i.e. maps, history, tourism, current events).

4. Intermediate Military Objectives: This course supports the following DOD/TSCP objectives: A2, A3, A4, A6, and C1, USSOUTHCOM/TSCP objectives: 1.2, 2.1, 2.2, 3.1 and 3.2 and the USNORTHCOM/TSCP objectives: M3i, M5a, M5c, and M5e.



Inter-American Senior Non-Commissioned Officer Course (I-SNCOC)

COURSE NUMBER	COURSE NAME	LENGTH
MASL D171058	Inter-American Senior Noncommissioned Officer Course (I-SNCOC)	8 Weeks

STUDENT LOAD: MIN: 12	MAX: 28
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1. Course Description: This course is the Inter-American Senior Noncommissioned Officer Course (I-SNCOC) course which prepares future SNCO's for more advanced leadership and management responsibilities. It is an advanced level of Professional Military Education (PME) designed for those assuming SNCO leadership positions, and prepare Senior NCOs to lead the enlisted force in the employment of airpower in support of National Security objectives. The Barnes Center develops the curriculum for the Enlisted PME under the USAF Air University guidelines. It also prepares SNCOs for increased leadership responsibilities in the joint, combined, and interagency operating/strategic environment. Specifically, Air Force SNCOA educates SNCOs to help them become adaptable, critically thinking, and strategically relevant leader in their operating environment. Graduates will learn how to effectively lead the enlisted force, effectively communicate rank-appropriate tasks, and model and develop military attributes.

2. Course Requirements:

2.1. Eligibility: Airmen in the ranks of Master Sergeant (E-7) through Senior Master Sergeant (E-8) for U.S. and E-7 through E-9 for non USAF students with less than 20 TIS. Graduates of USAF SNCOA are not eligible to attend. (Note: Must have successfully completed MASL D171033) Civilian equivalents may attend with prior coordination. Familiarization with Microsoft Internet Explorer, Microsoft Word, and PowerPoint and Excel programs is highly recommended.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Must meet minimum physical requirements established by individual country's directives. In addition to:

Physical Standards I-SNCOC				
Males	< 30	30 – 39	40 – 49	50 – 59
1.5 mile run	13:36	14:00	14:52	16:22
Sit Ups	46	39	34	28
Push Ups	33	27	21	15
Waist measurement	Under 39 inches			
Females	< 30	30 – 39	40 – 49	50 – 59
1.5 mile run	16:22	16:57	18:14	19:43
Sit Ups	38	29	24	20
Push Ups	18	14	11	9
Waist measurement	Under 35.5 inches			

2.3. Uniform/Equipment: The general uniform requirements to attend are: Formal and Semi-Formal Military service uniform or equivalent attire for civil forces. Tactical Battle Dress (Camouflaged) military uniform and physical training uniform. Civil forces must adhere to equivalent requirements. See uniform requirements in the Student Affairs Information section of the IAFA Web Page. <http://www.lackland.af.mil/iaafa/index.asp>

3. Other Information: Students are required to write a country presentation; therefore, it is a requirement to bring a notebook/laptop and support material preferably in electronic form (i.e. maps, history, tourism, current events).

4. Intermediate Military Objectives: This course supports the following DOD/TSCP objectives: A2, A3, A4, A6, and C1, USSOUTHCOM/TSCP objectives: 1.2, 2.1, 2.2, 3.1 and 3.2 and the USNORTHCOM/TSCP objectives: M3i, M5a, M5c, and M5e.



Inter-American Squadron Officer Course (I-SOC)

COURSE NUMBER	COURSE NAME	LENGTH
MASL D171032 (E-IMET)	Inter-American Squadron Officer Course (I-SOC)	8 Weeks
Mobile Course MASL: D309054		6 Weeks (MTT)

STUDENT LOAD: MIN: 18 MAX: 28

1. Course Description: The Inter-American Squadron Officer Course (I-SOC) in-residence program is an 8-week educational experience for USAF captains and International Officers in the grade of O-3. The curriculum is developed by the Squadron Officer College under USAF Air University guidelines. The purpose of the program is to help develop solution-minded, bold, and courageous Airmen ready to overcome today and tomorrow's challenges. In order to accomplish this task, the course is structured around four primary areas (1) leadership, (2) building highly effective teams, (3) logical and ethical reasoning in decision making, and (4) multi-domain joint warfare areas. Students engage in classroom and hands-on application events that will challenge their individual leadership awareness, foster innovative thinking, provide effective methods for conflict resolution, and collaboratively solve problems.

2. Course Requirements:

2.1. Eligibility: This course is designed for officers in the grade of O-3 or equivalent, as well as civilians equivalent to the Department of Defense grade of GS-9 and above (consult MILGROUP for grade equivalency). Graduates of in-residence Squadron Officer School, Maxwell AFB, AL (MASL D171003) are not eligible to attend. Students must have basic computer knowledge in order to accomplish writing and briefing assignments, as well as electronic readings related to curriculum.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity is required for field team building and leadership activities. Students will be expected to be in good physical condition and able to perform 3-mile runs, sit-ups, and pushups. ISOS standards are provided below for reference. Run times below are for the 3 mile distance. Sit-up and push-up standards are based on "good" performance in the 1-minute Air Force physical fitness test events.

I-SOC Fitness Standards								
MALE								
Age	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59
Run	28:00		29:30		31:11		34:00	
Sit-Ups	48	46	44	42	39	37	35	32
Push-Ups	49	45	40	35	31	27	25	24
FEMALE								
Age	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59
Run	32:30		34:00		38:00		39:00	
Sit-Ups	44	40	35	33	30	28	26	23
Push-Ups	31	28	26	21	15	13	12	11

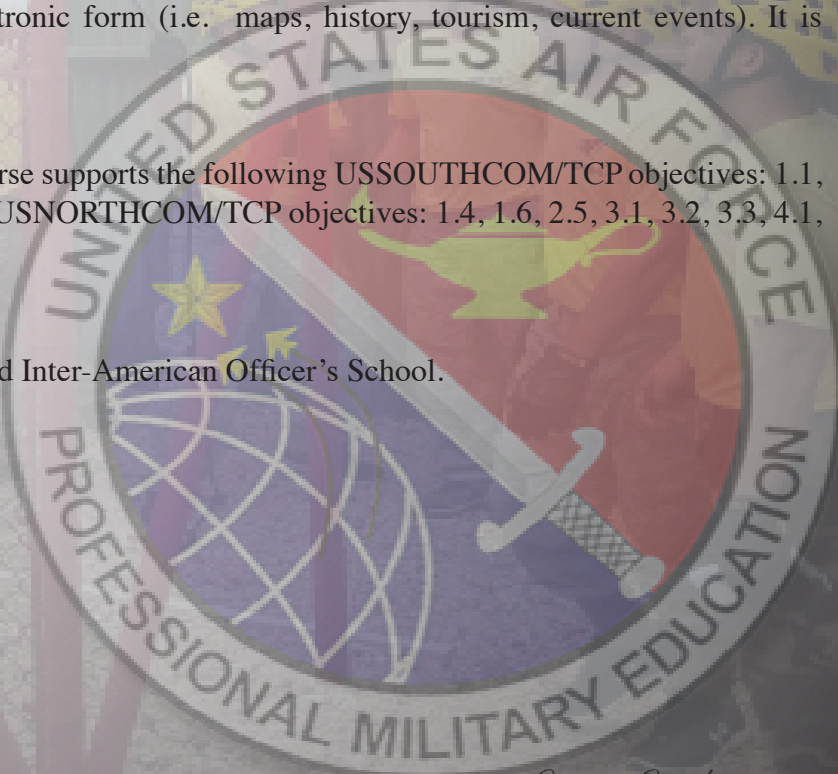
2.2.3.1. U.S. Students MUST have a current and passing PT Test WITH NO EXEMPTIONS on file in AF Fitness Management System (AFFMSII) that lasts through your graduation date. Under no circumstances will ANY students be under a medical profile or medical condition that prevents them from participating in daily physical activities. Failure to do so will result in disenrollment of I-SOC and the student will be sent back to home station or country of origin.

2.3. Uniform/Equipment: See General Clothing Requirements. Students bring their own running shoes. USAF officers must bring their Service and Mess dress. All students must bring at least two sets of their respective camouflage uniform and students with a flight uniform must bring at least one set.

3. Other Information: Knowledge of programs like Microsoft Word, PowerPoint, and Internet Explorer is required. Students are required to write a country presentation; therefore, it is a requirement to bring a notebook/laptop and support material preferably in electronic form (i.e. maps, history, tourism, current events). It is MANDATORY to bring a laptop.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 2.1, 3.1, 3.3, 3.5, 4.1, 4.3, 5.4 and USNORTHCOM/TCP objectives: 1.4, 1.6, 2.5, 3.1, 3.2, 3.3, 4.1, 4.5, 4.6.

NOTE: This course was previously called Inter-American Officer's School.







AIRCREW TRAINING

Instructor Pilot Instrument Procedures

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D121065)	Instructor Pilot Instrument	12 Weeks
L3OZR1210650SRB	Procedures	

STUDENT LOAD: MIN: 6

MAX: 10

1. Course Description: Prepares previously qualified pilots to fly aircraft under Instrumental Meteorological Conditions (IMC), according to the Instrument Flight Rules (IFR) of the Federal Aviation Administration (FAA) and the International Civil Aviation Organization (ICAO). Students learn instrument flight fundamentals, advanced navigation procedures and how to manage irregular situations in IMC utilizing fixed-wing simulators. Advanced instrument flight instruction includes flight planning, precision handling and maneuvering of the aircraft, and using modern navigation instruments to complete flight objectives. Students also learn how to safely execute departure procedures, en-route flight, arrivals and instrument approaches in controlled and uncontrolled airspaces. The course objectives include important flight scenarios like missed approaches, holding, communication failures, navigational equipment failures and adverse weather conditions. The culmination of the course is the study of Performance-Based Navigation (PBN), in which ICAO member countries adjust national regulations to reflect new technologies in an effort to optimize air and space operations. PBN training includes flight by Area Navigation (RNAV) and Required Navigation Performance (RNP) procedures, using Global Satellite Navigation Systems (GNSS) and its different Augmentation Systems. Students will plan and execute training sorties throughout the country on federal airways utilizing a fixed-wing (B-200) flight simulator. Students complete a flight with an evaluator to ensure they are fully qualified for operations under instrument conditions.

This instructor course also covers instructional methods, flight evaluation, supervision of classroom instruction, and the standardization cadre development, lesson plans and student evaluation.

2. Course Requirements:

2.1. Eligibility: This course is designed for grades of O-1 through O-6, police or civilian equivalent. Students must be current and qualified pilots in their primary aircraft, have flown within the 6 months preceding attendance, and have a minimum of 500 hours as an aircraft commander/pilot in command of fixed wing aircraft. The candidate must have a minimum of 200 hours of flight under instrument flight rules. The candidate must have completed instructor qualification training prior to attendance.

2.2. Training: Students should have already completed an introductory course to instruments and have experience flying under Instrument Flight Rules (IFR).

2.3. Physical/Medical:

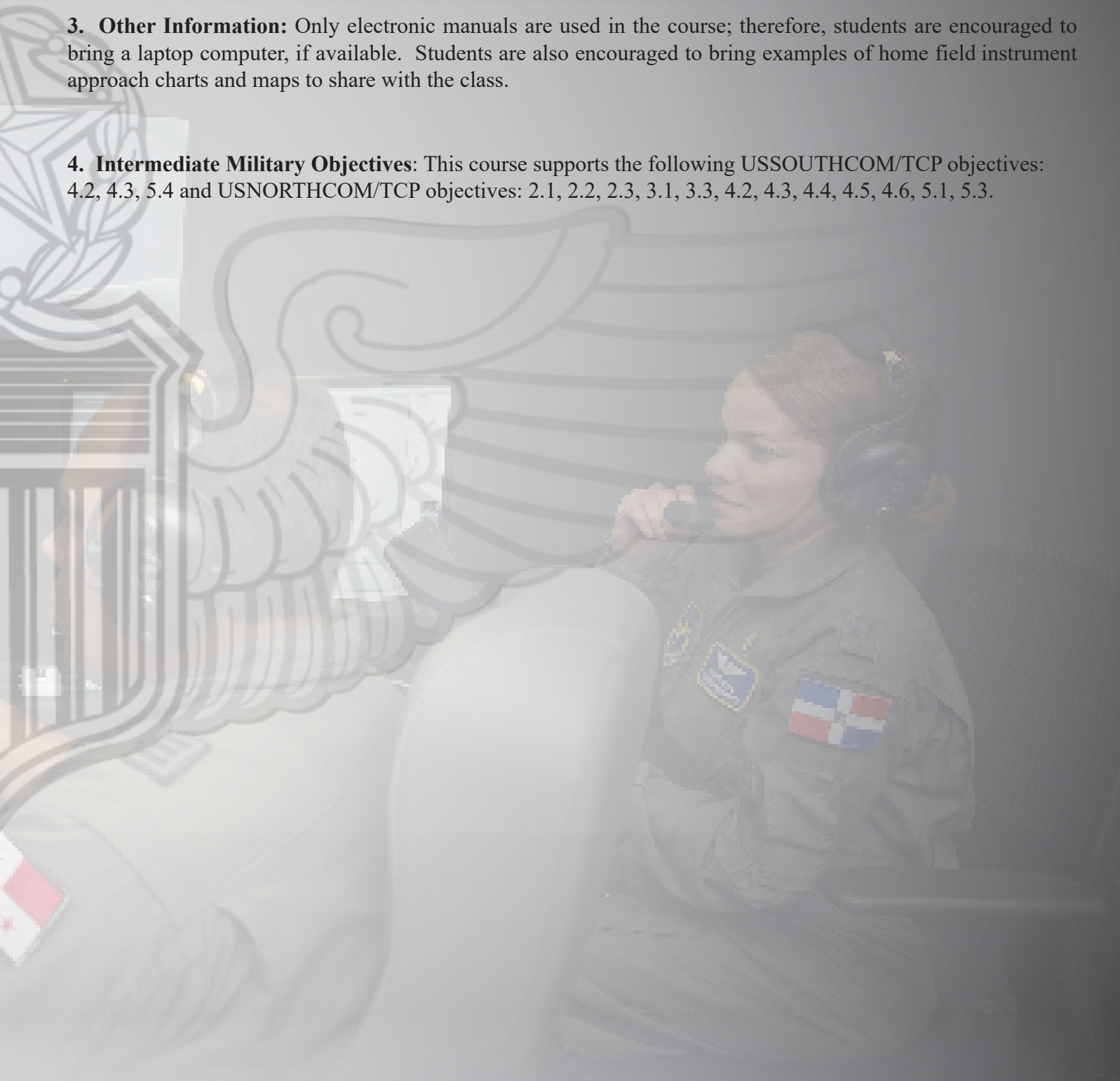
2.3.1. Vision: Normal (20/20 with or without glasses).

2.3.2. Hearing/Speech: No hearing or speech impediments.

2.4. Uniform/Equipment: In addition to the uniform requirements listed in the General Clothing Requirements, students are encouraged to bring flight suits and flight boots.

3. Other Information: Only electronic manuals are used in the course; therefore, students are encouraged to bring a laptop computer, if available. Students are also encouraged to bring examples of home field instrument approach charts and maps to share with the class.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 4.2, 4.3, 5.4 and USNORTHCOM/TCP objectives: 2.1, 2.2, 2.3, 3.1, 3.3, 4.2, 4.3, 4.4, 4.5, 4.6, 5.1, 5.3.



Pilot Instrument Procedures

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D121064) L3OZR1210640SRB	Pilot Instrument Procedures	12 Weeks

STUDENT LOAD: MIN: 6

MAX: 10

1. Course Description: Prepares previously qualified pilots to fly aircraft under Instrumental Meteorological Conditions (IMC), according to the Instrument Flight Rules (IFR) of the Federal Aviation Administration (FAA) and the International Civil Aviation Organization (ICAO). Students learn instrument flight fundamentals, advanced navigation procedures and how to manage irregular situations in IMC utilizing fixed-wing simulators. Advanced instrument flight instruction includes flight planning, precision handling and maneuvering of the aircraft, and using modern navigation instruments to complete flight objectives. Students also learn how to safely execute departure procedures, en-route flight, arrivals and instrument approaches in controlled and uncontrolled airspaces. The course objectives include important flight scenarios like missed approaches, holding, communication failures, navigational equipment failures and adverse weather conditions. The culmination of the course is the study of Performance-Based Navigation (PBN), in which ICAO member countries adjust national regulations to reflect new technologies in an effort to optimize air and space operations. PBN training includes flight by Area Navigation (RNAV) and Required Navigation Performance (RNP) procedures, using Global Satellite Navigation Systems (GNSS) and its different Augmentation Systems. Students will plan and execute training sorties throughout the country on federal airways utilizing a fixed-wing (B-200) flight simulator. Students will be evaluated to ensure they are fully qualified for operations under instrument conditions.

2. Course Requirements:

2.1. Eligibility: This course is designed for grades of O-1 through O-6, police or civilian equivalent. Students must be current and qualified pilots in their primary aircraft, have flown within the 6 months preceding attendance, and have a minimum of 200 hours of fixed wing experience after their formal flying course. The candidate must have a minimum of 20 hours of flight under instrument flight rules.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: No hearing or speech impediments.

2.3. Uniform/Equipment: In addition to the uniform requirements listed in the General Clothing Requirements, students are encouraged to bring flight suits and flight boots.

3. Other Information: Only electronic manuals are used in the course; therefore, students are encouraged to bring a laptop computer, if available. Students are also encouraged to bring examples of home field instrument approach charts and maps to share with the class.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 4.2, 4.3, 5.4 and USNORTHCOM/TCP objectives: 2.1, 2.2, 2.3, 3.1, 3.3, 4.2, 4.3, 4.4, 4.5, 4.6, 5.1, 5.3.



Search and Rescue Planning

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D121066) L30ZR1210660SRB	Search and Rescue Planning (SARP)	4 Weeks

STUDENT LOAD: MIN: 6

MAX: 11

1. Course Description: This course is an introduction to Search and Rescue Planning (SARP) procedures and Rescue Coordination Center (RCC) operations, and it is designed for enlisted members or officers who perform in the capacity of SARP coordination and operations or related duties. This course gives students a working knowledge in concepts on how to organize and plan SAR center operations and mission planning. Class sessions include scenario executions that give the student practical experience in a simulated SAR environment. The course instruction includes Introduction, Mission Process, and Search and Rescue Operations. The instructional design for this course is group paced.

2. Course Requirements:

2.1. Eligibility: This course is designed for all officers, enlisted, and/or civilians that perform or plan to perform SAR planning related duties.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: No hearing or speech impediments.

2.2.3. Physical: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.2, 1.4, 1.5, 3.1, 3.2, 3.4, 3.6, 4.3, 5.1, 5.2, 5.4 and USNORTHCOM/TCP objectives: 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 4.1, 4.3, 4.4, 4.5, 4.6.







TECHNICAL TRAINING



Advanced Aerospace Propulsion

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141156) L3AAR1411560SRA	Advanced Aerospace Propulsion	6 Weeks

STUDENT LOAD: MIN: 4 MAX: 12

1. Course Description: This course is designed to provide maintenance technicians with engine operational theory and hands-on maintenance training in order to establish a solid journeyman foundation. Students learn to evaluate conditions and make proper repair decisions of propulsion systems and subsystems using different engine platforms. They are required to pass written and performance tests at the end of each block prior to advancement to the next block of instruction. The course instruction includes Aerospace Propulsion Fundamentals, Engine Operation, Engine Systems, Turbine, and Propulsion Devices.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-4, police, or civilian equivalent who have completed an apprentice-level propulsion course or have propulsion maintenance experience.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.4, 1.5, 2.1, 2.2, 2.3, 3.1, 3.2, 3.4, 4.3, 5.1, 5.2, 5.4 and USNORTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 4.3, 4.4, 4.5, 4.6.

Advanced Fixed Wing Aircraft Maintenance

COURSE NUMBER	COURSE NAME	LENGTH
MASL D141259	Advanced Fixed Wing Aircraft Maintenance	8 Weeks

STUDENT LOAD: MIN: 4 MAX: 12

1. Course Description: This course is designed to train aircraft maintenance technicians advanced operational principles, theory, and troubleshooting for aircraft systems and subsystems, component operation, aircraft ground handling, inspection, servicing procedures, and operation of aerospace ground equipment for light and heavy aircraft (fighters, attack, trainer and cargo). Students must successfully complete a written test or performance evaluation at the end of block I and block V prior to advancement to the next block of instruction. The course instruction includes information regarding Rigging & Troubleshooting of systems, Flight Control System, Weight and balance, Supervisor Ground handling, Landing Gear maintenance, Engine Inspection, and Operations.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-4, police, or civilian equivalent who have completed an apprentice-level aircraft maintenance course or have basic fixed wing aircraft maintenance experience.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements

2.3. Uniform/Equipment: The general uniform requirements to attend are: Formal and Semi-Formal Military service uniform or equivalent attire for civil forces. Tactical Battle Dress (Camouflaged) military uniform and physical training uniform. Civil forces must adhere to equivalent requirements. See uniform requirements in the Student Affairs Information section of the IAFA Web Page. <http://www.lackland.af.mil/iaafa/index.asp>

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.5, 2.1, 2.2, 2.3, 3.2, 3.4, 4.3, 5.1, 5.2, 5.4 and USNORTHCOM/TCP objectives: 1.1, 1.3, 1.4, 1.5, 1.6, 2.1, 2.5, 3.1, 3.3, 4.3, 4.4, 4.6.





Advanced Helicopter Crew Chief

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141089) L3AAR1410890SRA	Advanced Helicopter Crew Chief	8 weeks

STUDENT LOAD: MIN: 4	MAX: 8
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1. Course Description: This course is designed for experienced helicopter maintainers looking to gain knowledge on the UH-1H/Bell 205, UH-1N/Bell 212 and UH-60 helicopters. Students will receive familiarization of U.S. Air Force ground safety practices as well as receive training on UH-1H/N and UH-60A landing gear, hydraulic, fuel, electrical, flight controls and drive train systems. This course includes the T53-L-13B, T400 (PT6) Twin Pack, T700 engines and UH-60 auxiliary power plant design and operation as it applies to the specific helicopter airframe. Students will accomplish engine to transmission alignment, rig flight and engine controls, UH-1 main rotor hub disassembly/reassembly and UH-60 main rotor spindle build up. This course also includes an introduction to vibrations analysis with hands-on use of the Chadwick 8500 and Vibrex 2000 vibration analyzers. Last, an introduction to weight and balance will be accomplished with the result of weighing a helicopter and determining its center of gravity.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-4, police, or civilian equivalent who have completed the helicopter crew chief course (MASL 141257) or equivalent or have one year of practical experience on any rotary wing aircraft.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements. All specialized uniforms will be provided.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.5, 2.1, 2.2, 2.3, 3.2, 3.4, 4.3, 5.1, 5.2, 5.4 and USNORTHCOM/TCP objectives: 1.1, 1.3, 1.4, 1.5, 1.6, 2.1, 2.5, 3.1, 3.3, 4.3, 4.4, 4.6.

Aircraft Structural Maintenance Technician

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141396)	Aircraft Structural Maintenance	12 Weeks
L3AZR1413960SRB	Technician	

STUDENT LOAD: MIN: 4

MAX: 12

1. Course Description: This course is designed for international commissioned and Noncommissioned officers that perform duties as an aircraft structural maintenance technician. The students learn the fundamentals of aircraft parts fabrication, damage identification, structural repairs, hydraulic tube assembly fabrication, common and special fastener installation and removal. The fundamental objectives covered include in-shop and flight-line hazards, composite tool kit inventory (CTK) and lost tool procedures, metal identification, shop mathematics, setback and bend allowance. Furthermore, practical examinations are administered on flat pattern layout, metal layout, cutting, bending, hand and machine forming, structural damage identification, non-flush and combination repairs. Additionally, areas of training focus on advanced composite, vacuum bagging, hot bonder programming and repairs. The course instruction includes Fundamentals, Fabrication of Aircraft Parts, Preparation of Aircraft Structural Assembly, Aircraft Structural Repairs and Composite Repair Theory.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-4, police, or civilian equivalent.

2.2. Physical/Medical

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing.

2.2.3. Physical/Other: Normal manual dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements. All specialized gear will be provided.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.5, 2.1, 2.2, 2.3, 3.4, 3.5, 4.3, 5.4 and USNORTHCOM/TCP objectives: 1.2, 1.3, 2.1, 2.5, 4.2, 4.3, 4.4, 4.5, 4.6.



Avionics Communication Navigation Technician

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D133060) L3AQR1330600SRC	Avionics Communication/Navigation Technician	12 Weeks

STUDENT LOAD: MIN: 4

MAX: 12

1. Course Description: This specialized course provides training on inspection and replacement of Avionics Communications/Navigation equipment, focusing on flight line operations. Students learn a basic familiarization of common Communication/Navigation systems. They receive hands-on training on replacement of major system components and operational checkouts on the aircraft. The course instruction includes General Maintenance Practices, Soldering, Interphone Systems, Radio Frequency Fundamentals, Communication Radios, Automatic Direction Finder (ADF) System, VHF Omni-Range/Instrument Landing System/Marker Beacon (VOR/ILS/MB) system, Global Positioning System (GPS), and Combined Altitude Radar Altimeter (CARA) System.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-4, police, or civilian equivalent.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements. Nonconductive plastic frames for eyeglasses are mandatory for students who wear glasses. All specialized gear is provided.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.5, 2.1, 2.2, 2.3, 3.4, 4.3, 5.4 and USNORTHCOM/TCP objectives: 1.2, 1.3, 2.1, 2.5, 4.2, 4.3, 4.4, 4.5, 4.6.





Avionics Instrument Technician

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141253) L3AQR1412530SRB	Avionics Instrument Technician	12 Weeks

STUDENT LOAD: MIN: 4

MAX: 12

1. Course Description: This course is designed to take students through all phases of various avionics instrument and flight control systems. Students learn identification and relationship of associated systems. They are able to state principles and facts for all systems and associated systems, and have in-depth understanding needed to work these systems throughout their careers. They are required to pass a written and/or performance test at the end of certain blocks prior to advancement to the next block of instruction. The course instruction includes Maintenance Concepts, General Wire Maintenance, Quantity Indicating Systems, Barometric Flight Instruments, Engine Instrument Systems, Integrated Flight Instruments Systems, Compass Systems, and Advanced Systems.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members of all branches, law enforcement agencies no higher than the grade of O-4, police, or civilian equivalent.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses with non-conductive material).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements. Nonconductive plastic frames for eyeglasses are mandatory for students who wear glasses. All specialized gear is provided.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.5, 2.1, 2.2, 2.3, 3.4, 4.3, 5.4 and USNORTHCOM/TCP objectives: 1.2, 1.3, 2.1, 2.5, 4.2, 4.3, 4.4, 4.5, 4.6.



International Basic Instructor Course

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D166041) L3AZR1660410SRC	International Basic Instructor Course	6 Weeks

STUDENT LOAD: MIN: 6

MAX: 14

1. Course Description: This course is designed for officers, NCOs, and civilians supporting technical training missions. Students learn US Air Force technical training concepts and techniques to deliver quality instruction. They receive training on how to conduct classroom instruction, perform student counseling, as well as how to develop course curriculum. This course also includes extensive practical exercises to improve the student's presentation skills. The course consists of the following blocks of instruction: Fundamentals of Instruction, Instructional Development, and Presentations.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members between the grades of E-4 and O-5, police, or civilian equivalent with at least one year of advanced technical area knowledge or experience within their respective specialty or field.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Other Information: Familiarization with Microsoft Word, Excel, and PowerPoint is required in order to complete the practical exercises successfully. Students are encouraged to bring examples of existing lesson plans to share in class.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.6, 4.1, 4.2, 4.3, 4.4, 5.1, 5.4, 5.6, 5.7 and USNORTHCOM/TCP objectives: 2.1, 2.2, 2.5, 3.1, 3.2, 3.3, 4.2, 4.3, 4.5, 4.6.

NOTE: This course was previously called Technical Training Instructor.

Basic Aerospace Propulsion

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141162) L3AAR1411620SRA	Basic Aerospace Propulsion	6 Weeks

STUDENT LOAD: MIN: 4	MAX: 12
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1. Course Description: This course is designed to provide students with basic propulsion operational theory and maintenance training to establish a solid apprentice foundation. Students learn to identify and understand basic principles of propulsion systems and subsystems. They are required to pass written and performance tests at the end of each blocks prior to advancement to the next block of instruction. The course instruction includes Fundamentals, Principles of Engine Operation, Basic Engine Systems and Propulsion Systems.

2. Course Requirements.

2.1. Eligibility: This course is designed for military members no higher than the grade of O-4, police, or civilian equivalent.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.4, 1.5, 2.1, 2.2, 2.3, 3.1, 3.2, 3.4, 4.3, 5.1, 5.2, 5.4 and USNORTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 4.3, 4.4, 4.5, 4.6.



Corrosion Control Technician

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141282) L3AZR1412820SRC	Corrosion Control Technician	6 Weeks

STUDENT LOAD: MIN: 4

MAX: 8

1. Course Description: This course is designed to train maintenance personnel in the fundamentals of corrosion control. Students learn procedural requirements for the detection, prevention, and treatment of corrosion on aircraft and equipment. They receive training in cleaning and inspecting aerospace equipment for corrosion, removal of corrosion by mechanical and chemical treatment, manufacture and application of aerospace markings, mixture and application of organic coatings, and cleaning and storage of spray equipment. The course instruction includes Fundamentals, Corrosion Control, and Application of Coatings.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-4, police, or civilian equivalent.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal manual dexterity. Students must not have any physical or medical condition that would prevent the wearing of a full-face respirator.

2.3. Uniform/Equipment: See General Clothing Requirements. All specialized gear will be issued.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.5, 2.1, 2.2, 2.3, 3.4, 3.5, 4.3, 5.4 and USNORTHCOM/TCP objectives: 1.2, 1.3, 2.1, 2.5, 4.2, 4.3, 4.4, 4.5, 4.6.





Defense Cyber Operations

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D179113) L3AZR1791130SRA	Defense Cyber Operations	3 Weeks

STUDENT LOAD: MIN: 4

MAX: 10

1. Course Description: This course is designed for students to develop basic operational cyber defense skills and knowledge. Graduates will gain the essential skills to build a solid security foundation, analyze network captures containing real, malicious network traffic, learn the foundations of security and defending architectures from attack, and look at Mission Defense Team areas and how planning is an important piece to their mission. Students will build solid knowledge on the lowest layers of the network. They will learn essential UNIX and Linux survival commands. They will be introduced to vulnerability assessment and the hacking methodology. Through virtual lab exercises they will look at the concept of “thinking like a hacker” to learn techniques to defend from the types of attacks that are commonly conducted against IT networks through powerful methods to analyze the risks. Labs will include examining packet captures from actual intrusions and dive deeper into how attackers operate. Students will learn the details of protocols such as SMB and SSH, by examining network traffic captures in Wireshark, then will proceed to build network packets “by hand” in order to tunnel secret data in regular traffic. Students will learn the details of payload attacks commonly used by attackers and how to take requirements from a Cyber Crew Lead and build filters/ visualizations to scope both network traffic and host events. Techniques for scoping will include least frequency analysis of IPs/domains, ports, protocols, data transmission, running processes, services, hostname, drivers, accounts, auto-start and event logs. Finally, students will focus on how to use the techniques learned to detect adversary actions to include discovery scans, URL of malicious web download, remote command and control, lateral movement, persistence, data exfiltration, malicious process/executable, and malicious credential usage. Students will also be taught to build a customized visualization dashboard to show these indicators of compromise. The course instruction includes cyber fundamentals, essential defense tactics, and types of attacks, forensic tools, detection tools, hardening, security analysis, and tactical cyber planning.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-5, police, or civilian equivalent who work with information technology systems. Basic personal computer knowledge is highly desirable, but not required.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Other Information: Students are encouraged to support course objectives with their previous experience.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 4.1, 4.3, 4.4, 4.5, 5.2, 5.4, 5.5 and USNORTHCOM/TCP objectives: 1.4, 1.5, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6.

Fundamentals of Networks and Cyber Security

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D179108) L3AZR1791080SRA	Fundamentals of Networks and Cyber Security	3 Weeks

STUDENT LOAD: MIN: 4

MAX: 10

1. Course Description: This course is designed for students to develop basic network and cyber security skills and knowledge. Graduates will learn to identify Information Technology hardware, software and applications, databases, and network security principles. They will also learn network operational concepts, router and switch operations, and wireless networking. Students will receive training on logical and physical security, emergency measures, and how to establish policy, procedures, and necessary system tests or trials. The course will focus on how to create training programs for users and foster user security consciousness to ensure system integrity and improve server and network efficiency. Hands-on virtual network scenarios will teach students to supervise data use and regulate access in order to safeguard file information. The course will culminate in a joint training field exercise where students will demonstrate their course knowledge to establish and maintain communications during an operation. The course instruction includes Network Fundamentals, Network Operations, Protection and Configuration, Wireless Networks and Security, Server Infrastructure and Services, Calculating the Risk, Infrastructure and Connectivity, Threats and Vulnerabilities, Identify Access Control Protocols, Educating and Protecting the User, Operating System and Application of Security, Security-related Directives and Procedures.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-5, police, or civilian equivalent who work with information technology systems. Basic personal computer knowledge is highly desirable, but not required.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Other Information: Students are encouraged to support course objectives with their previous experience.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 4.1, 4.3, 4.4, 4.5, 5.2, 5.4, 5.5 and USNORTHCOM/TCP objectives: 1.4, 1.5, 1.7, 2.1, 2.2, 2.3, 2.4, 2.5, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6.

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Intelligence, Surveillance, and Reconnaissance Fundamentals

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D172023) L3AQR1720230SRB	Intelligence, Surveillance, and Reconnaissance (ISR) Fundamentals	4 Weeks

STUDENT LOAD: MIN: 6 MAX: 12

1. Course Description: This course is designed for Officers, Enlisted, National Police and Civilian equivalent performing intelligence-related activities. This course provides students with an understanding of the intelligence community, analysis cycle, doctrine, intelligence disciplines, collection management requirements and tasking processes, targeting fundamentals, and space domain awareness. Intelligence personnel will develop their critical thinking skills and challenge their biases through creation of intelligence products, dynamic classroom instruction, and practical exercises where students apply lessons learned throughout the course. Students will prepare and present multiple briefings about threats, current events, platform capabilities, Intelligence Preparation of the Operational Environment, and will learn and demonstrate manual mapping techniques. The course will culminate in a joint training field exercise where students will demonstrate their course knowledge to apply rapid collection, analysis, and dissemination of intelligence to inform decision makers and tactical operations.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-6, police, or civilian equivalent. Attendees should be assigned to an intelligence unit position or have an additional duty of Intelligence Officer NCO, or equivalent. Basic computer skills, particularly Microsoft PowerPoint, are highly desirable.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Other Information: Students are encouraged to be prepared to discuss intelligence related situations from their countries with the class.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 3.3, 4.1, 4.3, 4.4, 4.5, 5.1, 5.4, 5.6 and USNORTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.5, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 4.5, 4.6.

NOTE: This course was previously called Introductory Air Intelligence.



International Logistics

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D152054) L3AZR1520540SRC	International Logistics	6 Weeks

STUDENT LOAD: MIN: 8

MAX: 16

1. Course Description: The International Logistics course prepares students to provide logistical support to their units. This course is designed for officers, NCOs and/or civilian personnel assigned to, or projected for assignment to logistic management leadership positions. Also, this course provides the foundation to understand the Foreign Military Sales (FMS) process and how it works parallel to the US government and DoD structure. The course includes the following blocks of instruction: Introduction to Logistics, Materiel Management Publications, Security Assistance and Security Cooperation, and Foreign Military Sales (FMS)

2. Course Requirements:

2.1. Eligibility: This course is designed for officers in the grades of O-1 through O-6, enlisted personnel in the grades of E-6 through E-9, police, or civilian equivalent.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal manual dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.3, 1.5, 3.3, 3.4, 3.6, 4.1, 4.3, 5.1, 5.4, 5.7 and USNORTHCOM/TCP objectives: 1.4, 2.1, 3.1, 3.2, 4.2, 4.3, 4.6.





Materiel Management

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D152055) L3AZR1520550SRC	Materiel Management	6 Weeks

STUDENT LOAD: MIN: 6 MAX: 16

1. Course Description: This course is designed for officers, NCOs, Airmen, and/or civilian personnel working in base supply or supply-related functions to prepare supply specialist and first line supervisors to assume entry-level supply responsibilities. Students learn how to set up a warehouse and how to operate materiel handling equipment, to include training on forklift safety. The course instruction includes Fundamentals, Materiel Management, Warehouse Operations, and Inventory Management.

2. Course Requirements:

2.1. Eligibility: This course is designed for newly commissioned officers in the grade of O-1 through O-4, enlisted personnel in the grade of E-1 through E-6, police, or civilian equivalent who perform, or will perform, inventory management and warehouse functions.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Speech: No hearing or speech impediments.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: See General Clothing Requirements. All specialized equipment will be provided.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.3, 1.5, 4.3, 5.1, 5.4, 5.7 and USNORTHCOM/TCP objectives: 1.4, 3.1, 4.6.

NOTE: This course was previously called Supply Administration.

Special Reaction Team

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D173067) L3AZR1730670SRB	Special Reaction Team (SRT)	6 Weeks

STUDENT LOAD: MIN: 12

MAX: 25

1. Course Description: This course is designed for mid-level security forces members of any branch charged with managing high-risk situations. Students will learn SRT tactics to include how to respond to high risk incidents and familiarization with two different weapons systems while focusing on safety and proper weapon handling techniques. They also learn basic window entry techniques, vehicle and aircraft assault interdiction techniques, and “active-shooter” response procedures. This training enables members to support the war against terror as well as counter-narcotics operation, peacekeeping efforts, and natural disaster response. The course instruction includes SRT Fundamentals and SRT Tactics.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members no higher than the grade of O-3, police, or civilian equivalent. Personnel not in a security forces or police specialty code may attend with prior coordination.

2.2. Physical/Medical:

2.2.1. Vision: Normal (20/20 with or without glasses).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity. Top physical condition, NO injuries that could prevent member from training. The following is a table of minimum physical standards required to be met on the first day of training:

MALE

Age	1-Minute Push-Ups	1-Minute Sit-Ups	1.5-Mile Run Time
30 and under	33	42	13:36
30-39	27	39	14:00
40-49	21	34	14:52

FEMALE

Age	1-Minute Push-Ups	1-Minute Sit-Ups	1.5-Mile Run Time
30 and under	18	38	16:22
30-39	14	29	16:57
40-49	11	24	18:14

NOTE: It is imperative to consider the student's ability to meet minimum physical fitness standards as it represents their ability to safely and effectively complete the course. Country managers must ensure selected attendees are evaluated on their physical condition and meet listed standards prior to course attendance.

2.3. Uniform/Equipment: See General Clothing Requirements. All required specialized gear will be provided.

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.2, 1.3, 1.4, 1.5, 2.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.5, 5.1, 5.4, 5.7 and USNORTHCOM/TCP objectives: 1.1, 1.4, 1.5, 1.6, 1.7, 2.1, 2.2, 2.4, 2.5, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 4.5, 4.6.

NOTE: To get the most out of the Special Reaction Team (SRT) course (MASL 173067) and have a student that can better meet the challenging demands of the career field, we highly encourage attending the Dynamics of Terrorism course (MASL 126086) offered just before the SRT course. Elements of Dynamics of Terrorism are used and applied during the SRT course. Guest countries save funds and also get two courses during one visit to IAAFA.







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***Provide military education and training to military personnel
of the Americas and other eligible Partner Nations.***



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