

INTER-AMERICAN AIR FORCES ACADEMY COURSE CATALOG 2022



INTER-AMERICAN
AIR FORCES ACADEMY











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

14 de diciembre de 2020

Coronel José E. Jiménez Jr., USAF
Comandante
Academia Interamericana de las Fuerzas Aéreas
2431 Carswell Ave
JBSA-Lackland TX 73236-5609

Fuerzas Armadas o de servicio civil de Latinoamérica

Es un honor para mí, ofrecer el catálogo de cursos de la academia Interamericana de las Fuerzas Aéreas (IAAFA). El propósito de este catálogo es de ayudar a los gobiernos anfitriones y Oficinas de Asistencia en Materia de Seguridad (SCO) a seleccionar y preparar a los estudiantes elegidos para asistir a un adiestramiento en la IAAFA. Como parte del Comando de Educación y Adiestramiento de la Fuerza Aérea Estadounidense, la IAAFA se enfoca en proporcionar educación y adiestramiento en las áreas descritas en este catálogo. Es mi deseo que los estudiantes que asisten a los cursos de la IAAFA disfruten de una estadía agradable y productiva. El intercambio de experiencias y culturas en la IAAFA servirá para fortalecer los lazos de cooperación entre los participantes lo cual construirá fuerzas militares capaces de responder a retos globales.

Sinceramente

JOSÉ E. JIMÉNEZ, JR., Coronel, USAF
Comandante

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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 US 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 US cultural awareness. In response to US 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 800 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 Office (SCO) in the US Military Groups and host governments select students to attend the academy's courses. Unless otherwise stated all courses are available for male and female students. In particular, for the Company Grade Officer Professional Development (MASL 171032) and Noncommissioned Officer Professional Development (MASL 171033), a minimum of two female students is desired. SCO training officers must ensure each student meets all course prerequisites as stated in the course description of this catalog. Deviations from the minimums requirements established in this catalog must be approved on an individual basis by the IAAFA Commandant or 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 US 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 US 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 cycles:

Class A – January - April

Class B – May - July

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

*The three courses receiving BDUs are: Ground Defense Leadership (MASL 173056), Special Reaction Team (MASL 173067), and Advanced Ground Leadership Operator Course (MASL 173098).

**Some students attending the “Aircraft and Systems Training Courses” may use steel toe boots depending on what course they attend.

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

Physical Fitness Training (PT)

IAAFA promotes physical fitness training to support the Air Force mission. 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.

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 very clear. If any student has a grievance while at IAAFA, they can contact the Student Affairs Flight (SAF) Leadership to make a grievance at the address below. The IMSO will investigate the circumstances and report them to the Commandant. The student will be notified of the resolved matter.

IAAFA/CCI

2431 Carswell Ave

JBSA-Lackland TX 78236-5609

DSN: 473-4406

Commercial: (210) 671-4406

Accompanied Students by Dependents

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

Students may purchase civilian clothing at the local Base Exchange facilities. Temperatures in San Antonio fluctuate depending on the time of year. Light to medium weight clothing is appropriate year-round. A sweater or light jacket is also recommended for spring and autumn months since the temperature can drop from the mid80s (27° C) to the mid40s (4° C) in a matter of hours. Heavier clothing is recommended for the winter months; though again, the temperature may reach well above 60° F (16° C) during the day, low norms for winter range between 30° and 60° F (0° C and 16° 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 (GDLC) 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 advantage of 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 US 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 (example is 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 MASL number will be used in the course number (ex. L3AZR1234560SRA). Use the MASL numbers 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 course syllabus for a particular course please contact the International Student Support office at:

Sr. Javier Peraffan
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)





PROFFESIONAL MILITARY EDUCATION

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

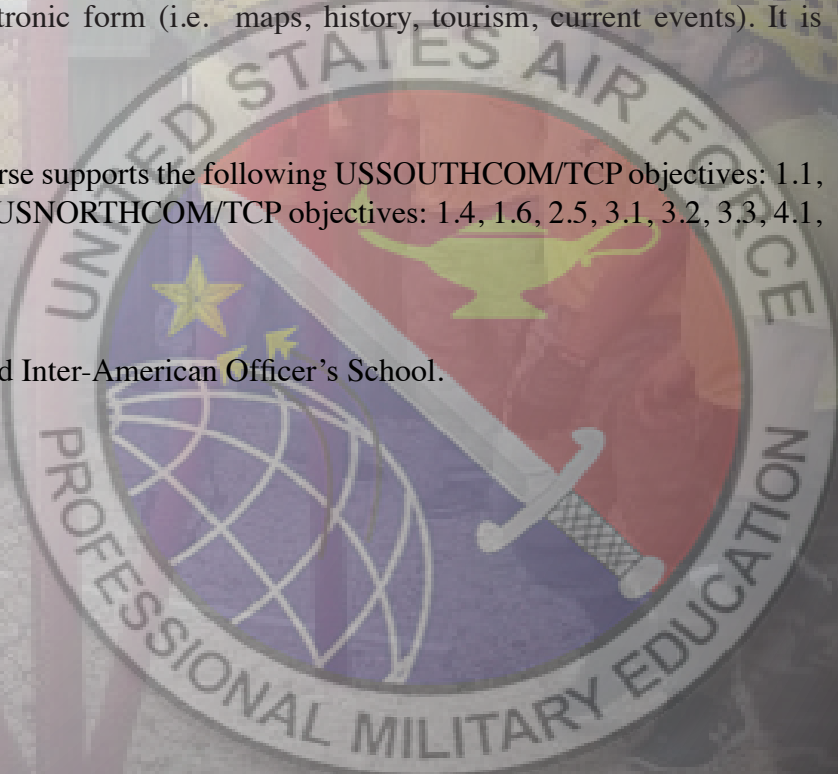
2.2.3.1. U.S. Students **MUST** have a current and passing PT Test **WITH NO EXEMPTIONS** on file in AF Fitness Management System (AFFMSII) that lasts through your graduation date. Under no circumstances will ANY students be under a medical profile or medical condition that prevents them from participating 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.



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 a minimum of 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.

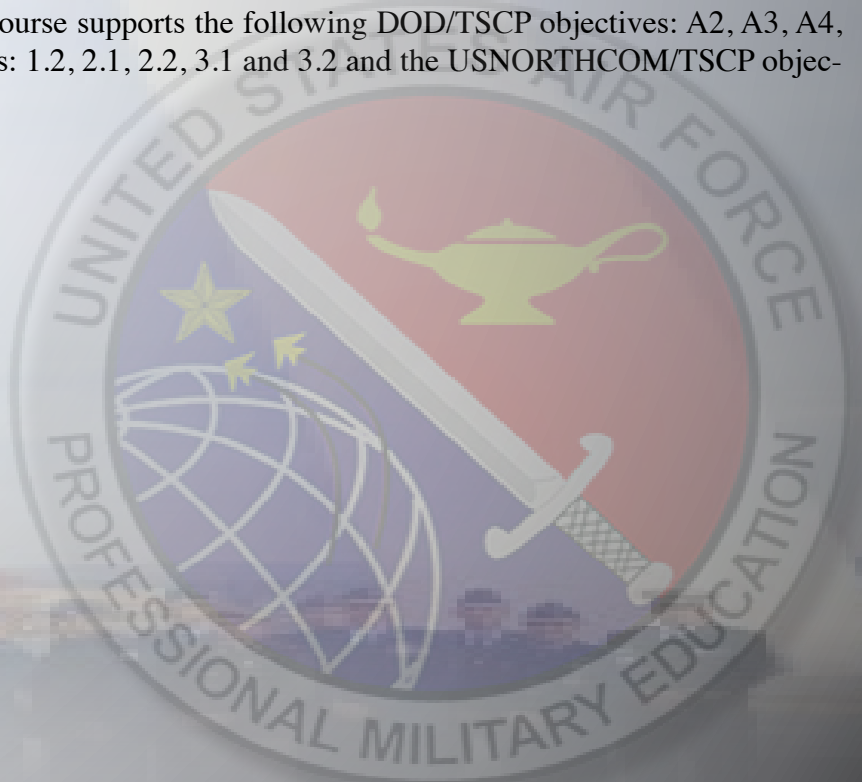
2.2.3. Physical/Other: Must meet minimum physical requirements established by individual country's directives. In addition to:

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 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 Non Commissioned 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.

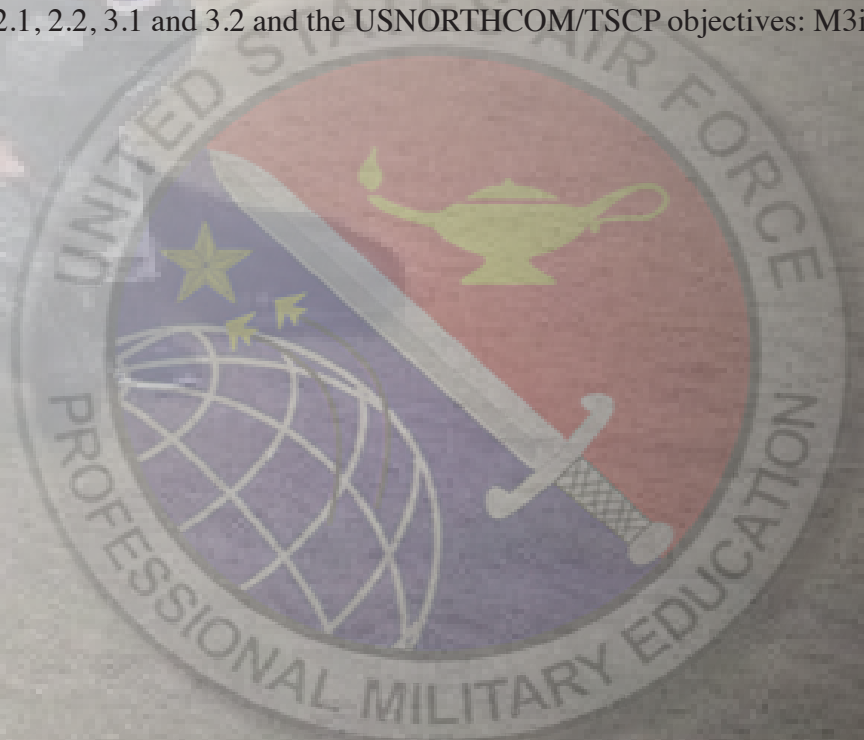
2.2.3. Physical/Other: Must meet minimum physical requirements established by individual country's directives. In addition to:

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.



International Airman Leadership Course (I-ALC)

COURSE NUMBER	COURSE NAME	LENGTH
MASL D171055 (E-IMET)	International Airman Leadership Course (I-ALS)	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-ALS), 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 IALS 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.







OPERATIONS AND SUPPORT COURSES

Pilot Instrument Procedures

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

STUDENT LOAD: MIN: 6	MAX: 10
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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 or rotary 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.



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 or rotary wing. 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.

Search and Rescue Planning (SARP)

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

STUDENT LOAD: MIN: 6

MAX: 11

1. Course Description: The instructional design for this course is grouped paced. 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.

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.





Dynamics of Terrorism

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D126086) L3AQR1260860SRA	Dynamics of Terrorism	2 Weeks

STUDENT LOAD: MIN: 10 MAX: 40

***TEMPORARILY SUSPENDED COURSE**

1. Course Description: This course is designed for all members of the armed forces and their civilian counterparts, regardless of specialty and/or grade. Students learn the basic concepts of anti-terrorism. They receive training in Human Rights, Introduction to Terrorism, Terrorist Operations, Detecting Terrorist Surveillance, Assessing Terrorist Threats, Individual Protective Measures, Hostage Survival, and Vulnerability Assessment. Students also learn the purpose of Vulnerability Assessment, the functions of the assessment, the process one must go through in order to conduct an assessment, and how to advise installation commanders on antiterrorism matters.

2. Course Requirements:

2.1 Eligibility: This course is designed for any specialty, military, police, or civilian no higher than the grade of O-6 or equivalent.

2.2. Physical/Medical:

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

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

2.2.3. Physical: Normal dexterity.

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, 1.3, 1.4, 1.5, 2.1, 2.2, 2.3, 3.4, 3.6, 4.2, 4.3, 4.4, 5.1, 5.4 and USNORTHCOM/TCP objectives: 1.5, 1.6, 1.7, 2.5, 3.2, 3.3, 4.1, 4.2, 4.5, 4.6.

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.

On-the-Job Training (OJT)

Administration

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D162030) L3AJR1620300SRB	On-the-Job Training (OJT) Administration	4 Weeks

STUDENT LOAD: MIN: 8

MAX: 14

1. Course Description: This course is designed for middle to upper-level training managers and supervisors, NCOs, officers, and civilians, who are directly involved with training program management activities and functions. The concepts taught in this course are easily adaptable to the training program administration of any professional specialty. Students learn how to effectively develop, manage, and evaluate On-the-Job Training (OJT) programs. Students also learn fundamental OJT program standardization concepts and documentation procedures. This course includes the following blocks of instruction: OJT Organization and Training Plan Development and Conducting, Evaluating, and Documenting Training.

2. Course Requirements:

2.1. Eligibility: This course is designed for military members with the grade of E-4 and above, but no higher than the grade of O-4, and police or civilians equivalent whom execute, administer, and/or manage OJT training program activities and functions. Students should have at least two years of 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. Other Information: Basic computer knowledge is critical to the success of AET students. Students must possess a basic familiarization with Microsoft Word, Excel, and PowerPoint programs in order to complete the practical exercises required for successful course completion. Students are encouraged to bring examples of existing training program processes and products to share with the class.

4. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 1.1, 1.3, 1.4, 1.5, 3.5, 3.6, 4.1, 4.3, 4.4, 5.4, 5.6, 5.7 and USNORTHCOM/TCP objectives: 2.1, 2.2, 2.3, 2.5, 3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 4.5, 4.6.





International Basic Instructor Course (I-BIC)

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D166041) L3AZR1660410SRC	International Basic Instructor Course (I-BIC)	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.

Intelligence, Surveillance, and Reconnaissance (ISR) Fundamentals

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D172023) L3AQR1720230SRB	Intelligence, Surveillance, and Reconnaissance (ISR) Fundamentals	5 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, doctrine, disciplines, requirements, and targeting fundamentals. It includes Introduction to Intelligence; Global Integrated Intelligence, Surveillance, and Reconnaissance (ISR); and Operational Environment. Through dynamic classroom instruction, practical exercises, the application of the Intelligence Cycle, and a two-day CAPSTONE exercise, students will develop an understanding of intelligence analysis to be able to create intelligence products.

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.



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.

Special Reaction Team (SRT)

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.

Rule of Law and Disciplined Military Operations

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D176006) (E-IMET) L3AZR1760060SRA	Rule of Law and Disciplined Military Operations	1 Week

STUDENT LOAD: MIN: 8

MAX: 20

*****TEMPORARILY SUSPENDED COURSE*****



1. Course Description: This course is designed for international officers and NCOs of any military force. Students learn the basics of the international rules of law and their impact on human rights, including how these international standards fit into the planning of military operations. This information is vital to any country that may participate in international peacekeeping missions sponsored by the United Nations.

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.

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. Normally, this class does not require Mess dress since it is held after end-of-training cycle (no graduation banquet).

3. Intermediate Military Objectives: This course supports the following USSOUTHCOM/TCP objectives: 3.6, 4.2, 4.3, 5.4 and USNORTHCOM/TCP objectives: 3.1, 4.6.



Cyber Security

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D179108) L3AZR1791080SRA	Cyber Security	3 Weeks

STUDENT LOAD: MIN: 4

MAX: 10

1. Course Description: This course is designed for students to develop cyber security skills and knowledge. Students learn to identify user problems, such as data access needs, security violations, and changes in programming. They receive training in strengthening digital documents' security, network security, emergency measures, and establishing policy, procedures, and necessary system tests or trials. Additional areas of training focus on how to create training programs for users and foster security consciousness to ensure system integrity and improve server/net efficiency. Finally, students learn to supervise data use and regulate its access in order to safeguard file information. The course instruction includes Calculating the Risk, Infrastructure and Connectivity, Network Protection, Threats and Vulnerabilities, Identity and Access Control, Educating and Protecting the User, Operating System and Application of Security, Cryptography Fundamentals, Cryptography Implementation, Physical Security and Hardware-based, Network Vulnerability and Security, Wireless Security, and 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.





Cyber Networks

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

STUDENT LOAD: MIN: 4	MAX: 10
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1. Course Description: This course is design to teach students to develop cyber network skills and knowledge. Course topics include, but are not limited to, network topologies and protocols, local and wide area networking, layering model, wireless networking, and logical and physical network addressing. Students learn to identify network components and how they interact with each other. Additionally, the course contains various hands-on networking projects.

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.





AIRCRAFT AND SYSTEMS TRAINING COURSES



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

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.

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.



Aircraft Hydraulic Systems

Technician

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141247)	Aircraft Hydraulic Systems	12 Weeks
L3AZR1412470SRC	Technician	

STUDENT LOAD: MIN: 4

MAX: 12

*****TEMPORARILY SUSPENDED COURSE*****



1. Course Description: This course is designed to train Aircraft Hydraulic Systems Technicians on the fundamentals of aircraft hydraulic systems at the apprentice and journeyman level. Students learn hydraulic and pneumatic principles, system theory, hydraulic system and subsystem operation, on-aircraft troubleshooting techniques, and related system support equipment. The course instruction includes Fundamentals, Units and Systems, Aircraft Management, Back Shop Maintenance, and Inspection and Maintenance.

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. Other: Normal manual 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.

Aircraft Electrical Fundamentals Technician

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141254) L3AQR1412540SRC	Aircraft Electrical Fundamentals Technician	12 Weeks

STUDENT LOAD: MIN: 4	MAX: 12
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TEMPORARILY SUSPENDED COURSE



1. Course Description: This course is designed to provide aircraft electrical fundamentals for the apprentice level student and serves as the foundation for aircraft electrical system maintainers. Students learn to confidently repair aircraft electrical systems. They receive training in aircraft safety, electrical theory and principles, equipment and maintenance, and operational procedures. Instruments, communication, navigation, and armament systems are excluded from this course. The course instruction includes Maintenance Basics, Direct Current (DC) Principles, Alternating Current (AC) Electronics, Diagrams and Troubleshooting, Wire Maintenance I, Aircraft Systems Operational Checks and Troubleshooting, and Wire Maintenance II.

2. Course Requirements:

2.1 Eligibility: Open to 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), plastic or non-conductive frame glasses (if worn).

2.2.2. Hearing/Speech: Normal hearing and speech.

2.2.3. Physical/Other: Normal dexterity.

2.3. Uniform/Equipment: In addition to the uniform requirements listed in the General Clothing Requirements in General Information section, students in this course are required to bring the following utility or work uniform: BDUs, fatigues, coveralls.

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.





Helicopter Crew Chief

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141257) L3AZR1412570SRB	Helicopter Crew Chief	12 weeks

STUDENT LOAD: MIN: 5	MAX: 10
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1. Course Description: This course is designed for personnel working as a helicopter maintenance technician. Students learn ground safety, publications, airframe familiarization, landing gear maintenance, special and common tools, hydraulic, electrical, instruments and avionics system familiarization, rotary wing aerodynamics, major component removal and installation, flight control system rigging, T-53 engine and related systems inspections, drive train systems maintenance, familiarization of vibration equipment (as applicable to helicopters). The course instruction includes General Subjects, Helicopter General, Helicopter Systems, Helicopter Power plant, Rotor Systems, Power Train and Flight Control 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. 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.



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, T400-400 (PT6) Twin Pack, T700-700 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.

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.



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.



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 block 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.





Advanced Aerospace Propulsion

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141156) L3AAR1411560SRA	Advanced Aerospace Propulsion	11 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.

Fixed Wing Aircraft Maintenance (FWAM)

COURSE NUMBER	COURSE NAME	LENGTH
(MASL D141251) L3AQR1412510SRC	Fixed Wing Maintenance	12 Weeks

STUDENT LOAD: MIN: 4

MAX: 12



*****TEMPORARILY SUSPENDED COURSE*****

1. Course Description: This course is designed to train aircraft maintenance technician apprentices on basic operational principles and theory for ground safety, aircraft systems and subsystems, component description and 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 at the end of each block prior to advancement to the next block of instruction. The course instruction includes information regarding Aircraft General, Flight Control System, Electrical System, Utility Systems, Pneudraulics System, Fuel Systems and Engine and Engine Subsystems.

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 (AFWAM)

COURSE NUMBER	COURSE NAME	LENGTH
MASL D117231	Advanced Fixed Wing Aircraft Maintenance (AFWAM)	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.









The IAAFA Mission:

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



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