

## MINISTÈRE DE LA DÉFENSE

[C – 2013/07243]

15 OCTOBRE 2013. — Arrêté ministériel modifiant l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des forces armées

Le Ministre de la Défense,

Vu la loi du 30 juillet 1938 concernant l'usage des langues à l'armée, l'article 16, alinéa 2, abrogé par la loi du 16 juillet 2005 et rétabli par la loi du 26 avril 2009;

Vu l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des forces armées;

Considérant que les matières fixées ci-après, par leur usage professionnel, nécessitent la connaissance et l'usage de l'anglais,

Arrête :

**Article 1<sup>er</sup>.** Dans l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des forces armées, l'annexe, remplacée par l'arrêté ministériel du 15 avril 2013, est remplacée par l'annexe jointe au présent arrêté.

**Art. 2.** Le présent arrêté est d'application à toutes les matières qui sont enseignées à partir du 1<sup>er</sup> septembre 2013. Pour les matières dont l'enseignement a débuté antérieurement au 1<sup>er</sup> septembre 2013, l'annexe de l'arrêté ministériel du 23 mars 2012 fixant les matières qui peuvent être enseignées en anglais au sein des forces armées, telle qu'elle était d'application la veille du 1<sup>er</sup> septembre 2013, reste d'application jusqu'à la fin de l'enseignement de ces matières.

**Art. 3.** Le présent arrêté entre en vigueur le jour de sa publication au *Moniteur belge*.

Bruxelles, le 15 octobre 2013.

P. DE CREM

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## MINISTERIE VAN LANDSVERDEDIGING

[C – 2013/07243]

15 OKTOBER 2013. — Ministerieel besluit tot wijziging van het ministerieel besluit van 20 april 2010 tot bepaling van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht

De Minister van Landsverdediging,

Gelet op de wet van 30 juli 1938 betreffende het gebruik der talen bij het leger, artikel 16, tweede lid, opgeheven bij de wet van 16 juli 2005 en hersteld bij de wet van 26 april 2009;

Gelet op het ministerieel besluit van 20 april 2010 tot bepaling van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht;

Overwegende dat de hierna bepaalde materies, wegens het professionele gebruik, de kennis en het gebruik van het Engels noodzakelijk maken,

Besluit :

**Artikel 1.** In het ministerieel besluit van 20 april 2010 tot bepaling van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht wordt de bijlage, vervangen bij het ministerieel besluit van 15 april 2013, vervangen door de bijlage gevoegd bij dit besluit.

**Art. 2.** Dit besluit is toepasselijk op alle materies die onderwezen worden vanaf 1 september 2013. Voor de materies waarvan het onderricht begonnen is vóór 1 september 2013, blijft de bijlage van het ministerieel besluit van 23 maart 2012 tot bepaling van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht, zoals die van toepassing was de dag vóór 1 september 2013, van toepassing tot het einde van het onderricht van deze materies.

**Art. 3.** Dit besluit treedt in werking de dag waarop het in het *Belgisch Staatsblad* wordt bekendgemaakt.

Brussel, 15 oktober 2013.

P. DE CREM

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Annexe à l'arrêté ministériel du 15 octobre 2013 modifiant l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des forces armées

Annexe à l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des forces armées

**Liste des matières qui peuvent être enseignées en anglais au sein des forces armées**

Formation	Cours	Matière
Cursus pour l'obtention du master en sciences de l'ingénieur	—	Guided weaponsystems
		Global navigation systems for civil and military applications
		Chemical propulsion
		Polymer chemistry
		Composite materials
		Degradation mechanisms of materials
		Materials selection

Formation	Cours	Matière
		Aviation physiology
		Aviation psychology
		Air Doctrine
		Climatology
		Thesis
		Maritime operations - environment
		Maritime doctrine and operations
		Extraction of imagery characteristics
		Notions of artificial intelligence
		Design of remote sensing systems
		Integrated sensor design
		Digital and adaptive filters
		Control systems
		Operating systems
		Information security
		Distributed systems
		Aircraft performance
		Aircraft stability
		Turbo machines
		Gas turbines
		Applied embedded systems for helicopters
		Project and engineering management
		Dynamics of mechanical structures
		Mechatronics
		Vehicule dynamics and land mobility
		Radar, lidar, sonar

Formation	Cours	Matière
	—	Integrated sensor systems Digital Communications Telecommunication systems Telecommunication networks Integrated sensor systems Weapons of mass destruction Project and engineering management Space geodetic techniques and platforms for sensors
Cursus pour l'obtention du master ès arts en sciences sociales et militaires	—	Integrated weaponsystems Aviation physiology General meteorology Aviation psychology Navigation aids Air doctrine Climatology
Cursus pour l'obtention du master ès arts en sciences sociales et militaires	—	Navigation applications Airlaw I Airlaw II Airlaw III Operational meteorology I Operational meteorology II Thesis Study of military operations Engaging the armed forces in crisis management operations Land operations I Land operations II Maritime operations - environment Maritime doctrine and operations Image interpretation History of naval warfare Information security in distributed information systems Introduction to embedded systems

Formation	Cours	Matière	
		Organisational behaviour and leadership	
		Creativity	
		Networks in a C4I environment	
		Geopolitics	
Pilote	Military academics	Basic physics	
		Basic English	
		General English	
		Aeronautical English	
		Plane talking	
		Air doctrine	
	ATPL (A) academics	Air traffic regulations	
		Legislation	
		Turbine engines	
		Electrical machines	
		Electronics	
		Power distribution	
		Mass and balance	
		Flight performance	
		Flight planning	
		Aviation physiology	
		Aviation psychology	
		General meteorology	
		Climatology	
		Navigation charts	
		Navigation applications	
		Navigation aids	
		Radar principles	
		Operational procedures	
		Aerodynamics	
		Aircraft performance	
		Communications	
		ATPL (H) academics	Air law
			Airframe and systems - basic
			Airframe and systems - advanced

Formation	Cours	Matière
		Flight performance - basic
		Flight performance - advanced
		Operational procedures
		Principles of flight - basic
		Principles of flight - advanced
Pilote	Basic transport conversion course	Air traffic regulations
		Legislation
		Electricity
		Mass and balance
		Flight performance
		Flight planning
		Aviation psychology
		Operational procedures
		Principles of flight
Contrôleur de trafic aérien et contrôleur de combat aérien	Military academics	Basic physics
		Basic English
		General English
		Aeronautical English
		Plane talking
		ATC English I
		ATC English II
		ATC English III
		Communication techniques
		Air doctrine
	ATC supplementary academics	Introduction Airlaw
		Air law I
		Air law II
		Air law III
		Air law IV
		Air law V
		Aircraft general knowledge
		Aviation psychology
		General meteorology
Meteorology complement		

Formation	Cours	Matière
		Navigation charts Navigation applications Navigation aids Radar principles Basic radio propagation
Cursus supérieur	—	Maritime strategy Maritime Environment Maritime technology Employment of maritime capabilities Maritime campaign Planning Navy and Defence Joint campaign Land doctrine and concepts Counterinsurgency and asymmetric warfare Major Combat Operations International doctrine(s) and policies in the geostrategic environment Ambitions, capabilities and systems Operational planification in a joint environment Technological involvement Relations with the industry In-depth studies International relations and security Belgian foreign, defense and security policy International organisations Strategic studies Geopolitical approach Strategic analysis method
Candidat officier supérieur	—	Joint operations ACC in support of maritime operations ACC in support of medical operations COMOPSAIR directives Summary exercise

Formation	Cours	Matière
		Rotary Wing APCLO – NLD Close Combat Attack
		Synthesis
		Experience UAV/Heli Ops
		Air transport : current operations
		Aircraft : coached Exercise Transport
		Contributing forces : meteo
		Contributing forces : ATC
		Contributing forces : mission support
		Contributing forces : ASD
		Synthesis
		F-16 MLU
		Practical example
		Logistic experience in a multinational environment
		Medical support
		Combined exercise #1 : debriefing
		Combined exercise #2 : debriefing
		Introductory briefing
		NEO organisation
		NEO experience
		NEO – Land
		NEO – Air
		NEO – Mar
		NEO – Med
		Management of current operations
		Ops Land
		Ops Air
		Ops Mar
		Medical support to current operations
		Medical operations - Stabilisation
		Decision Process
		Planning Elements (IMWARC)
		Planning Exercise IT DefCol
		Planning Exercise SW DefCol

Formation	Cours	Matière	
		Allied Joint Publication 3.1	
		Stability activities in Land operations	
		Test AJP 3.1	
		World politics	
Cours de base technique d'état-major	—	Intro Maritime Warfare	
Officier du personnel navigant de la Force aérienne	—	Basic Flying Training (Phase II)	
		Instruction Jet	
	Instruction Heli	Advanced Flying Training Jet (Phase III)	
		Initial Operational Training Jet (Phase IV)	
	Instruction Tpt Airline	Advanced Flying Training Heli (Phase III)	
		Initial Operational Training Heli (Phase IV)	
			Advanced Flying Training Tpt (Phase III)
			Initial Operational Training Tpt (Phase IV)
Officier du personnel non-navigant de la Force aérienne	Air Traffic Control	Tower simulator	
		Radar simulator	
		Transitional Training	
		Basic On the Job Training	
		Advanced On the Job Training	
	Air Defense Control		Air Surveillance Operator
			Ground Control Interceptor
	Meteorology		Surface and Upper Air Maps
			Forecasting Techniques
			Forecasting Practice and Meteo Briefings
			Meteorological Skills
	Air Intel & Msn Pln		AMS Recognition Course
			BIOC
			AMS Basic Air Intel & Mission Planning Course
			IIRC
			AMS Advanced Air Intelligence Course
	UAV Mission Commander		AMS Recognition Course
			BIOC
			AMS Basic Air Intel & Mission Planning Course
			IIRC



Formation	Cours	Matière	
		AMS Advanced Air Intelligence Course	
		Intelligence Staff Course	
		ATC for UAV	
		B HTR RTO - Theory UAV	
		B HTR PN - Flight UAV	
		BT OPT	
		Mission Comd	
	Air Ops	Air Ops	
		Procedures & Flight planning	
		ATC	
	Tech Air Mat Avionics	Techniques matériel aérien	
		Spécialisation combat Avn	
		Spécialisation Mil Tpt Avn	
		Spécialisation rotary wings	
		Spécialisation training Avn - propeller	
		Spécialisation UAV	
		Paper avionics	
	Tech Air Mat Mechanics	Techniques matériel aérien	
		Spécialisation combat Avn	
		Spécialisation Mil Tpt Avn	
		Spécialisation rotary wings	
		Spécialisation training Avn - propeller	
		Spécialisation UAV	
		Paper mechanics	
	Sous-officier du personnel non-navigant de la Force aérienne - Avionics	Formation complémentaire Métrologie	Introduction à la métrologie
			L'utilisation et programmation du METCAL
			L'assurance de la qualité norme 17025
Spécifications et incertitudes			
Sous-officier du personnel non-navigant de la Force aérienne - Mechanics	Formation complémentaire Non-destructive inspections	Penetrant - Niv1	
		Penetrant - Niv2	
		Magnetic - Niv1	
		Magnetic - Niv2	
		Radiographique - Niv1	

Formation	Cours	Matière	
		Radiographique - Niv2	
		Ultrasoon - Niv1	
		Ultrasoon - Niv2	
		Eddy Current - Niv1	
		Eddy Current - Niv2	
Sous-officier d'élite du personnel non-navigant de la Force aérienne - Techniques avion	Avionics	Automatic test equipment	
		Combat Avn - CNI	
		Combat Avn - Elec	
		Combat Avn-EW	
		Combat Avn - FLCS	
		Combat Avn - IWS	
		Mil Tpt Avn	
		Rotary wings - multirole	
		UAV	
		Rotary wings - NH90	
		Training Avn - propeller	
		Armement - Combat Avn	Egress
			Missile & smart weapons
	Techniques d'arme		
	Mechanics	Combat Avn - engine	
		Combat Avn - ECS & fuel	
		Combat Avn - Pneudraulics&LG	
		Combat Avn - Elec	
		Mil Tpt Avn - Structure+Elec	
		Mil Tpt Avn - Engine + Elec	
		Survival	
		Sheet metal	
		Paint/Comp/Seal	
		Rotary wings - Multirole	
		UAV	
		Rotary wings - NH90	
		mech - Training Avn - Propeller - Cel	
Sous-officier d'élite du personnel non-navigant de la Force aérienne - Opérations aériennes		Air Surveillance Operator	Mod C1 - Wartime identification officer
	Mod C2 - Support to air Ops identification		

Formation	Cours	Matière	
		Mod C3 - Battle Mgt assistant course	
		Mod C4 - System course	
	Intercept Controller	Mod C1 - Advanced fighter control course	
		Mod C2 - Support to air Ops & intelligence	
		Mod C3 - Battle Mgt assistant course	
		Mod C4 - Identification links	
	Meteorologist	Dynamical Processes	
		Numerical Weather Prediction	
		Upper Air Meteorology	
		Advanced Forecasting Techniques	
		Medium-Range Forecasting Practice and Meteo Briefings	
		Meteorological Paper	
	Mission Planning	Mission planning AC Course	
	Air Intel	Intel AC Course	
	Sous-officier d'élite du personnel non-navigant de la Force aérienne - Opérations aériennes	Air Traffic Control	Mod C1 - Area control - Theory
			Mod C2 - Area control - Simulation
			Mod C3 - Area control - Live training basic
Mod C4 - Area control - Live training advanced			
Flight Simulator Operator		Aerodynamics	
		Navigation	
		Meteorology	
		Jet & Piston Engines/Instruments	
		Mod ATC	
		Intermediate education (SF 260 - A109 or F16)	
		Specialized education (SF 260 - A 109 or F-16)	
Real Time Observer		KOO Intel AC Course	
Pilot Navigator		KOO Air Ops KOO	
Air Ops		KOO Air Ops KOO	
Tower & Approach		Letters of agreement - Ops agreements - MOU	
		Revision Air Space	
		Air traffic Management	
	Systems		

Formation	Cours	Matière	
		Emergencies and special procedures	
Sous-officier subalterne du personnel non-navigant de la Force aérienne - Opérations aériennes	Instruction générale technique Junior Météorologue	Basic English	
		Technical English	
		Communication techniques	
		Synoptic Meteorology	
		Meteorological Observation	
		Meteorological Codes	
		Meteorological Instrumentation	
		Climatology	
		Geography	
		Practice	
	Instruction générale technique Air Defense Control, Air Mission support (Air Ops, Mission Planning, Air Intel, Instructor Flight Simulator, UAV Pilot Navigator, UAV Real Time Observer)	Basic English	
		Technical English	
		Communication techniques	
		Meteorology	
		Navigation	
		Flight Mechanics	
	Air Surveillance Operator	General techniques	
		Professional technique 1	
		Professional technique 2	
		Specialization	
	Ground Control Interceptor	General techniques	
		Professional technique "simulation"	
		Specialization "Live"	
	Sous-officier subalterne du personnel non-navigant de la Force aérienne - Opérations aériennes	Data Link Management	Air surveillance
			Data Link Planner
		Meteorology	Surface and Upper Air Maps
			Forecasting Techniques
			Forecasting Practice and Meteo Briefings
Meteorological Skills			
Mission Planning		BIOC	
		AMS Basic Air Intel & Mission Planning Course	
		AMS Advanced Mission Planning Course	

Formation	Cours	Matière
	Air Ops	Air Ops
		Procedures & Flight planning
		ATC
	Intelligence	AMS Recognition Course
		BIOC
		AMS Basic Air Intel & Mission Planning Course
		IIRC
		AMS Advanced Air Intelligence Course
	Assistant Opérations de vol	ATC
	Real Time Observer	AMS Recognition Course
		BIOC
		AMS Basic Air Intel & Mission Planning Course
		IIRC
		AMS Advanced Air Intelligence Course
		Basic & Advanced Courses Imagery Analyst
		B-HTR RTO - Theory UAV
		B-HTR-RTO - Flight UAV
	Pilot Navigator	ATC for UAV
		B-HTR-PN - Theory UAV
		B-HTR-PN - Flight UAV
	Instructor Flight Simulator	Mod ATC
		Intermediate education (SF 260 - A109 - F16)
		Specialized education (SF 260 - A 109 - F-16)
Aeronautical Information Service	ATC	
Assistant Air Traffic Control	ATC	
Sous-officier subalterne du personnel non-navigant de la Force aérienne - Techniques Avn	Avionics - combat Avn systems A	Familiarisation combat Avn
		Activités sur la ligne combat Avn
		Spécialisation Avx combat Avn systems A
	Avionics - combat Avn systems B	Familiarisation combat Avn
		Activités sur la ligne combat Avn
		Spécialisation Avx combat Avn systems B
	Avionics - rotary wings - multirole	Familiarisation rotary wings - multirole
		Activités sur la ligne rotary wings - multirole

Formation	Cours	Matière
	Avionics - rotary wings - NH90	Spécialisation Avx rotary wings - multirole
		Familiarisation rotary wings - NH90
		Activités sur la ligne rotary wings - NH90
		Spécialisation Avx rotary wings - NH90
	Avionics - Mil Tpt Avn	Familiarisation Mil Tpt Avn
		Activités sur la ligne Mil Tpt Avn
		Spécialisation Avx Mil Tpt Avn
	Avionics - training Avn - propeller	Familiarisation training Avn - propeller
		Activités sur la ligne training Avn - propeller
		Spécialisation Avx training Avn - propeller
	Avionics - UAV	Familiarisation UAV
		Activités sur la ligne UAV
		Spécialisation Avx UAV
	Armement - Combat Avn	Familiarisation combat Avn
		Activités sur la ligne combat Avn
Spécialisation Armt combat Avn		
Sous-officier subalterne du personnel non-navigant de la Force aérienne - Techniques Avn	Mechanics - combat Avn - cel	Familiarisation combat Avn
		Activités sur la ligne combat Avn
		Spécialisation Meca combat Avn - Cel
	Mechanics - combat Avn - engine	Familiarisation combat Avn
		Activités sur la ligne combat Avn
		Spécialisation Meca combat Avn - Engine
	Mechanics - Mil Tpt Avn	Familiarisation Mil Tpt Avn
		Activités sur la ligne Mil Tpt Avn
		Spécialisation Meca Mil Tpt Avn
	Mechanics - UAV	Familiarisation UAV
		Activités sur la ligne UAV
		Spécialisation Meca UAV
	Mechanics - training Avn - propeller	Familiarisation training Avn - propeller
		Activités sur la ligne training Avn - propeller
		Spécialisation Meca training Avn - propeller
	Mechanics - rotary wings - multirole	Familiarisation rotary wings - multirole
		Activités sur la ligne rotary wings - multirole
		Spécialisation Meca rotary wings - multirole

Formation	Cours	Matière	
	Mechanics - rotary wings - NH90	Familiarisation rotary wings - NH90	
		Activités sur la ligne rotary wings - NH90	
		Spécialisation Meca rotary wings - NH90	
	Mechanics - sheetmetal/Paint/Comp/Seal		Familiarisation combat Avn
			Familiarisation Mil Tpt Avn
			Familiarisation UAV
			Familiarisation training Avn - propeller
			Familiarisation rotary wings - multirole
			Familiarisation rotary wings - NH90
			Spécialisation sheetmetal/Paint/Comp/Seal
	Mechanics - Survival		Familiarisation combat Avn
			Familiarisation Mil Tpt Avn
			Familiarisation UAV
			Familiarisation training Avn - propeller
			Familiarisation rotary wings - multirole
			Familiarisation rotary wings - NH90
			Spécialisation Survival
Sous-officiers ACH	Opérateur	Air Cargo Handling - Loader	
	Chef d'équipe/contrôleur	Air Cargo Handling - Load Controller	
Sous-officiers IATA	Shipper/opérateur	Dangerous Goods By Air - IATA INITIAL	
	Shipper/opérateur recertification	Dangerous Goods By Air - IATA REFRESHER	
	Shipper	Dangerous Goods By Air - Packers	
	Opérateurs hydrazine	Dangerous Goods By Air - Hydrazine	
	Opérateurs Lox/Oxygen	Dangerous Goods By Air - Lox/Oxygen	
	Security flight crews	Security Training	
Volontaire	Assistant Air Traffic Control	ATC	
	Assistant Air Surveillance Operator	General techniques	
		Professional technique 1	
		Professional technique 2	
		Specialization	
	Assistant Air Ops Support	ATC	
	Assistant Air Mission Support	Intelligence	
Mission planning			

Formation	Cours	Matière
	Assistant Air Intel Support	ATC
		Air Ops
	Assistant Aeronautical Information Service	ATC
	Aide Tech Air Mat	Techniques générales
		On the job training
Tous les officiers Marine	Ship's Management	NATO Org
		Crew Resource Mgt
		Intro Warfare
Officiers pont	Basic Navigation	ATP 1 Vol II
		ACP 12
	Intermediate Navigation	Maritime English
	Advanced Navigation	Adv Coms & Org
		GMDSS theory
		GMDSS practice
Sous-officier d'élite breveté en navigation	Basic Navigation	ATP 1 Vol II
		ACP 12
	Intermediate Navigation	Maritime English
	Advanced Navigation	Adv Coms & Org
		GMDSS theory
		GMDSS practice
	General maritime instruction	NATO Org
		Crew Resource Mgt
Sous-officier d'élite détecteur ACCO	Assistant CCO Base	Lecture
		Anti-submarine warfare theory
		Anti-surface warfare practice runs ASTT
		Anti-submarine warfare practice runs ASTT
	Assistant CCO Type	Anti-surface warfare practice runs MFFT
		Anti-submarine warfare practice runs MFFT
Sous-officier d'élite détecteur ALVO	Assistant LVO Base	Lecture
		Anti-submarine warfare theory
		Anti-surface warfare practice runs ASTT
		Anti-air warfare practice runs ASTT
	Assistant LVO Type	Anti-surface warfare practice runs MFFT
		Anti-air warfare practice runs MFFT



Formation	Cours	Matière
Sous-officier subalterne Détecteur	EVO Basis	Operational English
	VVO Basis	Operational English
Sous-officier subalterne Mar Transmissions	EVO Transmissions	Operational English
	VVO Transmissions	Operational English
Tous les sous-officiers subalternes Marine	Intermediate LOO Navy	Maritime English
Volontaire Détecteur FF	EVO de Base	Operational English
Volontaire Détecteur MCMV/BSL	EVO de Base	Operational English
Volontaire Mar Transmissions	EVO Transmissions	Operational English

Vu pour être annexé à l'arrêté ministériel du 15 octobre 2013 modifiant l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des forces armées.

P. DE CREM

Bijlage bij het ministerieel besluit van 15 oktober 2013 tot wijziging van het ministerieel besluit van 20 april 2010 tot bepaling van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht

Bijlage bij het ministerieel besluit van 20 april 2010 tot bepaling van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht

**Lijst van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht**

Vorming	Cursus	Materie
Opleiding voor het behalen van de master in de ingenieurswetenschappen	—	Guided weaponsystems
		Global navigation systems for civil and military applications
		Chemical propulsion
		Polymer chemistry
		Composite materials
		Degradation mechanisms of materials
		Materials selection
		Aviation physiology
		Aviation psychology
		Air Doctrine
		Climatology
		Thesis
		Maritime operations - environment
		Maritime doctrine and operations
		Extraction of imagery characteristics
Notions of artificial intelligence		
Design of remote sensing systems		

Vorming	Cursus	Materie
		Integrated sensor design Digital and adaptive filters Control systems Operating systems Information security Distributed systems Aircraft performance Aircraft stability Turbo machines Gasturbines Applied embedded systems for helicopters Project and engineering management Dynamics of mechanical structures Mechatronics Vehicule dynamics and land mobility Radar, lidar, sonar Integrated sensor systems Digital Communications Telecommunication systems Telecommunication networks Integrated sensor systems Weapons of mass destruction Project and engineering management Space geodetic techniques and platforms for sensors
Opleiding voor het behalen van de master in de sociale en militaire wetenschappen	—	Integrated weaponsystems Aviation physiology General meteorology Aviation psychology Navigation aids Air doctrine Climatology
Opleiding voor het behalen van de master in de sociale en militaire wetenschappen	—	Navigation applications Airlaw I

Vorming	Cursus	Materie
		Airlaw II Airlaw III Operational meteorology I Operational meteorology II Thesis Study of military operations Engaging the armed forces in crisis management operations Land operations I Land operations II Maritime operations - environment Maritime doctrine and operations Image interpretation History of naval warfare Information security in distributed information systems Introduction to embedded systems Organisational behaviour and leadership Creativity Networks in a C4I environment Geopolitics
Pilot	Military academics	Basic physics Basic English General English Aeronautical English Plane talking Air doctrine
	ATPL (A) academics	Air traffic regulations Legislation Turbine engines Electrical machines Electronics Power distribution Mass and balance Flight performance

Vorming	Cursus	Materie
		Flight planning
		Aviation physiology
		Aviation psychology
		General meteorology
		Climatology
		Navigation charts
		Navigation applications
		Navigation aids
		Radar principles
		Operational procedures
		Aerodynamics
		Aircraft performance
		Communications
	ATPL (H) academics	Air law
		Airframe and systems - basic
		Airframe and systems - advanced
		Flight performance - basic
		Flight performance - advanced
		Operational procedures
		Principles of flight - basic
Principles of flight - advanced		
Piloot	Basic transport conversion course	Air traffic regulations
		Legislation
		Electricity
		Mass and balance
		Flight performance
		Flight planning
		Aviation psychology
		Operational procedures
		Principles of flight
Luchtverkeersleider en luchtgevechtleider	Military academics	Basic physics
		Basic English
		General English
		Aeronautical English

Vorming	Cursus	Materie
		Plane talking
		ATC English I
		ATC English II
		ATC English III
		Communication techniques
		Air doctrine
	ATC supplementary academics	Introduction Airlaw
		Air law I
		Air law II
		Air law III
		Air law IV
		Air law V
		Aircraft general knowledge
		Aviation psychology
		General meteorology
		Meteorology complement
		Navigation charts
		Navigation applications
		Navigation aids
Radar principles		
Basic radio propagation		
Hogere opleiding	—	Maritime strategy
		Maritime Environment
		Maritime technology
		Employment of maritime capabilities
		Maritime campaign Planning
		Navy and Defence
		Joint campaign
		Land doctrine and concepts
		Counterinsurgency and asymmetric warfare
		Major Combat Operations
		International doctrine(s) and policies in the geostrategic environment
		Ambitions, capabilities and systems

Vorming	Cursus	Materie
		Operational planification in a joint environment
		Technological involvement
		Relations with the industry
		In-depth studies
		International relations and security
		Belgian foreign, defense and security policy
		International organisations
Hogere opleiding	—	Strategic studies
		Geopolitical approach
		Strategic analysis method
Kandidaat-hoofdofficier	—	Joint operations
		ACC in support of maritime operations
		ACC in support of medical operations
		COMOPSAIR directives
		Summary exercise
		Rotary Wing APCLO – NLD Close Combat Attack
		Synthesis
		Experience UAV/Heli Ops
		Air transport : current operations
		Aircraft : coached Exercise Transport
		Contributing forces : meteo
		Contributing forces : ATC
		Contributing forces : mission support
		Contributing forces : ASD
		Synthesis
		F-16 MLU
		Practical example
		Logistic experience in a multinational environment
		Medical support
		Combined exercise #1 : debriefing
Combined exercise #2 : debriefing		
Introductory briefing		

Vorming	Cursus	Materie
		NEO organisation
		NEO experience
		NEO – Land
		NEO – Air
		NEO – Mar
		NEO – Med
		Management of current operations
		Ops Land
		Ops Air
		Ops Mar
		Medical support to current operations
		Medical operations - Stabilisation
		Decision Process
		Planning Elements (IMWARC)
		Planning Exercise IT DefCol
		Planning Exercise SW DefCol
		Allied Joint Publication 3.1
		Stability activities in Land operations
		Test AJP 3.1
		World politics
Basis stafvorming	—	Intro Maritime Warfare
Officier van het varend personeel van de Luchtmacht	—	Basic Flying Training (Phase II)
	Instruction Jet	Advanced Flying Training Jet (Phase III)
		Initial Operational Training Jet (Phase IV)
	Instruction Heli	Advanced Flying Training Heli (Phase III)
		Initial Operational Training Heli (Phase IV)
	Instruction Tpt Airline	Advanced Flying Training Tpt (Phase III)
Initial Operational Training Tpt (Phase IV)		
Officier van het niet-varend personeel van de Luchtmacht	Air Traffic Control	Tower simulator
		Radar simulator
		Transitional Training
		Basic On the Job Training
	Advanced On the Job Training	
	Air Defense Control	Air Surveillance Operator

Vorming	Cursus	Materie
		Ground Control Interceptor
	Meteorology	Surface and Upper Air Maps
		Forecasting Techniques
		Forecasting Practice and Meteo Briefings
		Meteorological Skills
	Air Intel & Msn Pln	AMS Recognition Course
		BIOC
		AMS Basic Air Intel & Mission Planning Course
		IIRC
		AMS Advanced Air Intelligence Course
	UAV Mission Commander	AMS Recognition Course
		BIOC
		AMS Basic Air Intel & Mission Planning Course
		IIRC
		AMS Advanced Air Intelligence Course
		Intelligence Staff Course
		ATC for UAV
		B HTR RTO - Theory UAV
		B HTR PN - Flight UAV
		BT OPT
		Mission Comd
	Air Ops	Air Ops
		Procedures & Flight planning
		ATC
	Tech Air Mat - Avionics	Technieken luchtmaterieel
		Specialisatie combat Avn
		Specialisatie Mil Tpt Avn
		Specialisatie rotary wings
		Specialisatie training Avn - propeller
		Specialisatie UAV
		Paper avionics
	Tech Air Mat - Mechanics	Technieken luchtmaterieel
		Specialisatie combat Avn



Vorming	Cursus	Materie
		Specialisatie Mil Tpt Avn
		Specialisatie rotary wings
		Specialisatie training Avn - propeller
		Specialisatie UAV
		Paper Mechanics
Onderofficier van het niet-varend personeel van de Luchtmacht - Avionics	Complementaire Vorming metrologie	Inleiding tot de metrologie
		Gebruik en programmeren van METCAL
		Kwaliteitszorg ISO 17025
		Specificaties en onzekerheden
Onderofficier van het niet-varend personeel van de Luchtmacht - Mechanics	Complementaire Vorming Non Destructive Inspection	Penetrant - Niv1
		Penetrant - Niv2
		Magnetic - Niv1
		Magnetic - Niv2
		Radiografisch - Niv1
		Radiografisch - Niv2
		Ultrasoon - Niv1
		Ultrasoon - Niv2
		Eddy Current - Niv1
		Eddy Current - Niv2
Keuronderofficier van het niet-varend personeel van de Luchtmacht - Techniek Vliegtuigen	Avionics	Automatic test equipment
		Combat Avn - CNI
		Combat Avn - Elec
		Combat Avn-EW
		Combat Avn - FLCS
		Combat Avn - IWS
		Mil Tpt Avn
		Rotary wings - multirole
		UAV
		Rotary wings - NH90
		Training Avn - propeller
	Bewapening - Combat Avn	Egress
		Msl&smart weapons
		Wapentechnieken

Vorming	Cursus	Materie
	Mechanics	Combat Avn - engine
		Combat Avn - ECS & fuel
		Combat Avn - Pneudraulics & LG
		Combat Avn - Elec
		Mil Tpt Avn - Structure+Elec
		Mil Tpt Avn - Engine + Elec
		survival
		sheet metal
		Paint/Comp/Seal
		Rotary wings - Multirole
		UAV
		Rotary wings - NH90
		Training Avn - Propeller - Cel
Keuronderofficier van het niet-varend personeel van de Luchtmacht - Luchtoperaties	Air Surveillance Operator	Mod C1 - Wartime identification officer
		Mod C2 - Support to air Ops identification
		Mod C3 - Battle Mgt assistant course
		Mod C4 - System course
	Intercept Controller	Mod C1 - Advanced fighter control course
		Mod C2 - Support to air Ops & intelligence
		Mod C3 - Battle Mgt assistant course
		Mod C4 - Identification links
	Meteorologist	Dynamical Processes
		Numerical Weather Prediction
		Upper Air Meteorology
		Advanced Forecasting Techniques
		Medium-Range Forecasting Practice and Meteo Briefings
		Meteorological Paper
	Mission Planning	Mission planning AC Course
Keuronderofficier van het niet-varend personeel van de Luchtmacht - Luchtoperaties	Air Intel	Intel AC Course
	Air Traffic Control	Mod C1 - Area control - Theory
		Mod C2 - Area control - Simulation
		Mod C3 - Area control - Live training basic
		Mod C4 - Area control - Live training advanced

Vorming	Cursus	Materie
	Flight Simulator Operator	Aerodynamics
		Navigation
		Meteorology
		Jet & Piston Engines/Instruments
		Mod ATC
		Intermediate education (SF 260 - A109 or F-16)
		Specialized education (SF 260 - A 109 or F-16)
	Real Time Observer	KOO Intel AC Course
	Pilot Navigator	KOO Air Ops KOO
	Air Ops	KOO Air Ops KOO
	Tower & Approach	Letters of agreement - Ops agreements - MOU
		Revision Air Space
		Air traffic Management
		Systems Emergencies and special procedures
Lager onderofficier van het niet-varend personeel van de Luchtmacht - Luchtoperaties	Algemene Technische Opleiding Junior Meteoroloog	Basic English
		Technical English
		Communication techniques
		Synoptic Meteorology
		Meteorological Observation
		Meteorological Codes
		Meteorological Instrumentation
		Climatology
		Geography
	Practice	
	Algemene Technische Opleiding Air Defense Control, Air Mission support (Air Ops, Mission Planning, Air Intel, Instructor Flight Simulator, UAV Pilot Navigator, UAV Real Time Observer)	Basic English
		Technical English
		Communication techniques
		Meteorology
		Navigation
	Air Surveillance Operator	General techniques

Vorming	Cursus	Materie
		Professional technique 1
		Professional technique 2
		Specialization
	Ground Control Interceptor	General techniques
		Professional technique "simulation"
		Specialization "Live"
Lager onderofficier van het niet-varend personeel van de Luchtmacht - Luchtoperaties	Data Link Management	Air surveillance
		Data Link Planner
	Meteorology	Surface and Upper Air Maps
		Forecasting Techniques
		Forecasting Practice and Meteo Briefings
		Meteorological Skills
	Mission Planning	BIOC
		AMS Basic Air Intel & Mission Planning Course
		AMS Advanced Mission Planning Course
	Air Ops	Air Ops
		Procedures & Flight planning
		ATC
	Intelligence	AMS Recognition Course
		BIOC
		AMS Basic Air Intel & Mission Planning Course
		IIRC
		AMS Advanced Air Intelligence Course
	Assistent vliegoperaties	ATC
	Real Time Observer	AMS Recognition Course
		BIOC
		AMS Basic Air Intel & Mission Planning Course
		IIRC
		AMS Advanced Air Intelligence Course
		Basic & Advanced Courses Imagery Analyst
		B-HTR RTO - Theory UAV
		B-HTR-RTO - Flight UAV

Vorming	Cursus	Materie
	Pilot Navigator	ATC for UAV
		B-HTR-PN - Theory UAV
		B-HTR-PN - Flight UAV
	Instructor Flight Simulator	Mod ATC
		Intermediate education (SF 260 - A109 - F16)
		Specialized education (SF 260 - A 109 - F-16)
	Aeronautical Information Service	ATC
Assistant Air Traffic Control	ATC	
Lager onderofficier van het niet-varend personeel van de Luchtmacht - Vliegtuigtechniek	Avionics - combat Avn systems A	Familiarisatie combat Avn
		Lijnwerking combat Avn
		Specialisatie Avx combat Avn systems A
	Avionics - combat Avn systems B	Familiarisatie combat Avn
		Lijnwerking combat Avn
		Specialisatie Avx combat Avn systems B
	Avionics - rotary wings - multirole	Familiarisatie rotary wings - multirole
		Lijnwerking rotary wings - multirole
		Specialisatie Avx rotary wings - multirole
	Avionics - rotary wings - NH90	Familiarisatie rotary wings - NH90
		Lijnwerking rotary wings - NH90
		Specialisatie Avx rotary wings - NH90
	Avionics - Mil Tpt Avn	Familiarisatie Mil Tpt Avn
		Lijnwerking Mil Tpt Avn
		Specialisatie Avx Mil Tpt Avn
	Avionics - training Avn - propeller	Familiarisatie training Avn - propeller
		Lijnwerking training Avn - propeller
		Specialisatie Avx training Avn - propeller
	Avionics - UAV	Familiarisatie UAV
		Lijnwerking UAV
		Specialisatie Avx UAV
	Bewapening - Combat Avn	Familiarisatie combat Avn
		Lijnwerking combat Avn
		Specialisatie Bew combat Avn

Vorming	Cursus	Materie
Lager onderofficier van het niet-varend personeel van de Luchtmacht - Vliegtuigtechniek	Mechanics - Combat Avn - Cel	Familiarisatie combat Avn
		Lijnwerking combat Avn
		Specialisatie Meca combat Avn - Cel
	Mechanics - Combat Avn - Engine	Familiarisatie combat Avn
		Lijnwerking combat Avn
		Specialisatie Meca combat Avn - Engine
	Mechanics - Mil Tpt Avn	Familiarisatie Mil Tpt Avn
		Lijnwerking Mil Tpt Avn
		Specialisatie Meca Mil Tpt Avn
	Mechanics - UAV	Familiarisatie UAV
		Lijnwerking UAV
		Specialisatie Meca UAV
	Mechanics - training Avn - propeller	Familiarisatie training Avn - propeller
		Lijnwerking training Avn - propeller
		Specialisatie Meca training Avn - propeller
	Mechanics - rotary wings - multirole	Familiarisatie rotary wings - multirole
		Lijnwerking rotary wings - multirole
		Specialisatie Meca rotary wings - multirole
	Mechanics - rotary wings - NH90	Familiarisatie rotary wings - NH90
		Lijnwerking rotary wings - NH90
		Specialisatie Meca rotary wings - NH90
	Mechanics - sheetmetal/Paint/Comp/Seal	Familiarisatie combat Avn
		Familiarisatie Mil Tpt Avn
		Familiarisatie UAV
		Familiarisatie rotary wings - NH90
		Familiarisatie training Avn - propeller
		Familiarisatie rotary wings - multirole
Specialisatie sheetmetal/Paint/Comp/Seal		
Mechanics - Survival	Familiarisatie combat Avn	
	Familiarisatie Mil Tpt Avn	
	Familiarisatie UAV	
	Familiarisatie rotary wings - multirole	

Vorming	Cursus	Materie
		Familiarisatie training Avn - propeller
		Familiarisatie rotary wings - NH90
		Specialisatie Survival
Onderofficier ACH	Operator	Air Cargo Handling - Loader
	Ploegoverste/controlleur	Air Cargo Handling - Load Controller
Onderofficier IATA	Shipper / operator	Dangerous Goods By Air - IATA INITIAL
	Hercertiëring shipper / operator	Dangerous Goods By Air - IATA REFRESHER
	Shipper	Dangerous Goods By Air - Packers
	Operator hydrazine	Dangerous Goods By Air - Hydrazine
	Operator Lox/Oxygen	Dangerous Goods By Air - Lox/Oxygen
	Security flight crews	Security Training
Vrijwilliger	Assistent Air Traffic Control	ATC
	Assistent Air Surveillance Operator	General techniques
		Professional technique 1
		Professional technique 2
		Specialization
	Assistent Air Ops Support	ATC
	Assistent Air Mission Support	Intelligence
		Mission planning
	Assistent Air Intel Support	ATC
		Air Ops
	Assistent Aeronautical Information Service	ATC
	hulp Tech air Mat	Algemene technieken
On the job training		
Alle officieren Marine	Ship's Management	NATO Org
		Crew Resource Mgt
		Intro Warfare
Officieren dek	Basic Navigation	ATP 1 Vol II
		ACP 12
	Intermediate Navigation	Maritime English
	Advanced Navigation	Adv Coms & Org
		GMDSS theory
		GMDSS practice

Vorming	Cursus	Materie
Keuronderofficier gebrevetteerde in navigatie	Basic Navigation	ATP 1 Vol II
		ACP 12
	Intermediate Navigation	Maritime English
	Advanced Navigation	Adv Coms & Org
		GMDSS theory
		GMDSS practice
	General maritime instruction	NATO Org
		Crew Resource Mgt
Keuronderofficier Detector ACCO	Assistent CCO Basis	Lecture
		Anti-submarine warfare theory
		Anti-surface warfare practice runs ASTT
		Anti-submarine warfare practice runs ASTT
	Assistent CCO Type	Anti-surface warfare practice runs MFFT
		Anti-submarine warfare practice runs MFFT
Keuronderofficier Detector ALVO	Assistent LVO Basis	Lecture
		Anti-submarine warfare theory
		Anti-surface warfare practice runs ASTT
		Anti-air warfare practice runs ASTT
	Assistent LVO Type	Anti-surface warfare practice runs MFFT
		Anti-air warfare practice runs MFFT
Lager onderofficier Detector	EVO Basis	Operational English
	VVO Basis	Operational English
Lager onderofficier Mar Verbindingen	EVO Transmissies	Operational English
	VVO Transmissies	Operational English
Alle lagere onderofficieren Marine	Intermediate LOO Navy	Maritime English
Vrijwilliger Detector FF	EVO Basis	Operational English
Vrijwilliger Detector MCMV/BSL	EVO Basis	Operational English
Vrijwilliger Mar Verbindingen	EVO verbindingsen	Operational English

Gezien om te worden gevoegd bij het ministerieel besluit van 15 oktober 2013 tot wijziging van het ministerieel besluit van 20 april 2010 tot bepaling van de materies die in het Engels onderwezen kunnen worden binnen de krijgsmacht.