

MINISTÈRE DE LA DEFENSE

F. 2011 — 2414 (2011 — 1652) [C — 2011/07168]

28 AVRIL 2011. — Arrêté ministériel modifiant l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des Forces armées. — Erratum

Au Moniteur belge n° 183 du 24 juin 2011, 3^e édition, pages 37323 à 37337, il y a lieu de remplacer « Annexe à l'arrêté ministériel du 28 avril 2011 modifiant l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des Forces armées », par l'annexe reprise ci-après :

MINISTERIE VAN LANDSVERDEDIGING

N. 2011 — 2414 (2011 — 1652)

[C — 2011/07168]

28 APRIL 2011. — 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. — Erratum

In het *Belgisch Staatsblad* nr 183 van 24 juni 2011, 3e editie, bladzijden 37323 tot 37337, dient men te vervangen « Annexe à l'arrêté ministériel du 28 avril 2011 modifiant l'arrêté ministériel du 20 avril 2010 fixant les matières qui peuvent être enseignées en anglais au sein des Forces armées », door de hiernavermelde bijlage :

Annexe à l'arrêté ministériel du 28 avril 2011 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 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 Turbomachines Gasturbines Applied embedded systems for helicopters Dynamics of mechanical structures Mecatronics Vehicule dynamics and landmobility Radar, lidar, sonar Integrated sensor systems Telecommunication systems Telecommunication networks Integrated sensor systems

Formation	Cours	Matière
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
		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
		Distributed systems
		Information security
		Introduction to embedded systems
		Organisational behaviour and leadership
		Creativity
		Networks in a C4I environment
		Geopolitics

Formation	Cours	Matière
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 Flight performance - basic Flight performance - advanced Operational procedures Principles of flight - basic Principles of flight - advanced
	Basic transport conversion course	Air traffic regulations Legislation Electricity Mass and balance Flight performance Flight planning Aviation psychology Operational procedures Principles of flight

Formation	Cours	Matière
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 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

Formation	Cours	Matière
Cursus supérieur	-	Maritime strategy Study trip IMO Study trip technology Above water weapon systems Communication and information systems / NEC Under water weapon systems (ASW) Under water weapon systems (MCM) Use of maritime means Maritime campaign Joint campaign Planning of a NRF in FIEA Planning and execution of HRF in FSO International doctrine(s) and policies in the geostrategic environment Ambitions, capabilities and systems Operational planning in a joint environment Technological involvement Future developments Relations with the industry In-depth studies

Formation	Cours	Matière
Candidat-officier supérieur	-	ACC in support of maritime operations
		ACC in support of medical operations
		COMOPSAIR directives
		Summary exercise
		Air transport – briefing NEO
		Contributing forces (Meteo - ATC - Mission planning)
		F-16 MLU

Formation	Cours	Matière
Officier du personnel navigant de la Force aérienne		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)

Formation	Cours	Matière
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 Air Ops	Intelligence
		Mission planning
	UAV Mission Commander	Intelligence
		Mission planning
		Intelligence Staff Course
		ATC for UAV
		B HTR RTO - Theory UAV
		B HTR PN - Flight UAV
		BT OPT
		Mission Comd

Formation	Cours	Matière
Sous-officier subalterne du personnel non-navigant de la Force aérienne - Niv 2 - 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

Formation	Cours	Matière
Sous-officier subalterne du personnel non-navigant de la Force aérienne - Opérations aériennes	Air Surveillance Operator	General techniques Professional technique 1 Professional technique 2 Specialization
	Ground Control Interceptor	General techniques Professional technique "simulation" Specialization "Live"
	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	Intelligence Mission planning
	Air Ops	Intelligence ATC
	Air Intel	Intelligence Mission planning
	Assistant Opérations de vol	ATC
	Real Time Observer	Intelligence Mission planning 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)

Formation	Cours	Matière
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
		Mod C3 - Battle Mgt assistant course
		Mod C4 - System course
	Ground Control Interceptor	Mod C1 - Advanced fighter control course
		Mod C2 - Support to air Ops & intelligence
		Mod C3 - Battle Mgt assistant course
		Mod C4 - Identification links
	Meteorology	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
	Renseignements	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
	Instructor Flight Simulator	Aerodynamics
		Navigation
		Meteorology
		Jet & Piston Engines/Instruments
		Mod ATC
		Intermediate education (SF 260 – A109 – F16)
	Real Time Observer	Specialized education (SF 260 – A 109 - F-16)
		Intelligence
		Mission planning
		Basic & Advanced Courses Imagery Analyst
	Pilot Navigator	ATC for UAV

Formation	Cours	Matière
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
	Assistant Air Intel Support	Intelligence
		Mission planning

Formation	Cours	Matière
Tous les officiers Marine	Ship's Management	NATO Org
		Crew Resource Mgt
		Intro Warfare

Formation	Cours	Matière
Officiers pont	Basic Navigation	ATP 1 Vol II
		ACP 12
	Intermediate Navigation	Maritime English
	Advanced Navigation	Adv Coms & Org
		GMDSS theory
		GMDSS practice

Formation	Cours	Matière
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

Formation	Cours	Matière
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 MFPT
		Anti-submarine warfare practice runs MFPT

Formation	Cours	Matière
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 MFPT
		Anti-air warfare practice runs MFPT

Formation	Cours	Matière
Sous-officier subalterne Détecteur	EVO Basis	Operational English
	VVO Basis	Operational English

Formation	Cours	Matière
Sous-officier subalterne Mar Transmissions	EVO Transmissions	Operational English
	VVO Transmissions	Operational English

Formation	Cours	Matière
Tous les sous-officiers subalternes Marine	Intermediate LOO Navy	Maritime English

Formation	Cours	Matière
Volontaire Détecteur FF	EVO de Base	Operational English

Formation	Cours	Matière
Volontaire Détecteur MCMV/BSL	EVO de Base	Operational English

Formation	Cours	Matière
Volontaire Mar Transmissions	EVO Transmissions	Operational English

Vu pour être annexé à l'arrêté ministériel du 28 avril 2011 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,

P. DE CREM

Bijlage bij het ministerieel besluit van 28 april 2011 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 Integrated sensor design Digital and adaptive filters Control systems Operating systems Information security Distributed systems Aircraft performance Aircraft stability Turbomachines Gasturbines Applied embedded systems for helicopters Dynamics of mechanical structures Mecatronics Vehicule dynamics and landmobility Radar, lidar, sonar Integrated sensor systems Telecommunication systems Telecommunication networks Integrated sensor systems

Vorming	Cursus	Materie
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
		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
		Distributed systems
		Information security
		Introduction to embedded systems
		Organisational behaviour and leadership
		Creativity
		Networks in a C4I environment
		Geopolitics

Vorming	Cursus	Materie
Piloot	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 Flight performance - basic Flight performance - advanced Operational procedures Principles of flight - basic Principles of flight - advanced
	Basic transport conversion course	Air traffic regulations Legislation Electricity Mass and balance Flight performance Flight planning Aviation psychology Operational procedures Principles of flight

Vorming	Cursus	Materie
Luchtverkeersleiders en luchtgevechtleiders	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 Navigation charts Navigation applications Navigation aids Radar principles Basic radio propagation

Vorming	Cursus	Materie
Hogere opleiding	-	Maritime strategy Study trip IMO Study trip technology Above water weapon systems Communication and information systems / NEC Under water weapon systems (ASW) Under water weapon systems (MCM) Use of maritime means Maritime campaign Joint campaign Planning of a NRF in FIEA Planning and execution of HRF in FSO International doctrine(s) and policies in the geostrategic environment Ambitions, capabilities and systems Operational planning in a joint environment Technological involvement Future developments Relations with the industry In-depth studies

Vorming	Cursus	Materie
Kandidaat-hoofdofficier	-	ACC in support of maritime operations ACC in support of medical operations COMOPSAIR directives Summary exercise Air transport – briefing NEO Contributing forces (Meteo - ATC - Mission planning) F-16 MLU

Vorming	Cursus	Materie
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)

Vorming	Cursus	Materie
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 Ground Control Interceptor
	Meteorology	Surface and Upper Air Maps Forecasting Techniques Forecasting Practice and Meteo Briefings Meteorological Skills
	Air Intel & Msn Pln Air Ops	Intelligence Mission planning
	UAV Mission Commander	Intelligence Mission planning Intelligence Staff Course ATC for UAV B HTR RTO - Theory UAV B HTR PN - Flight UAV BT OPT Mission Comd

Vorming	Cursus	Materie
Lager onderofficier van het niet-varend personeel van de Luchtmacht – Niv 2 – Luchtoptopaties	Algemene Technische Opleiding Junior Meteoroloog	Basic English Technical English Communication techniques Synoptic Meteorology Meteorological Observation Meteorological Codes Meteorological Instrumentation Climatology Geography Practice
		Basic English Technical English Communication techniques Meteorology Navigation Flight Mechanics

Vorming	Cursus	Materie
Lager onderofficier van het niet-varend personeel van de Luchtmacht - Luchtoptopaties	Air Surveillance Operator	General techniques Professional technique 1 Professional technique 2 Specialization
	Ground Control Interceptor	General techniques Professional technique "simulation" Specialization "Live"
	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	Intelligence Mission planning
	Air Ops	Intelligence ATC
	Air Intel	Intelligence Mission planning
	Assistent vliegoperaties	ATC
	Real Time Observer	Intelligence Mission planning 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)

Vorming	Cursus	Materie
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
	Ground Control Interceptor	Mod C1 - Advanced fighter control course
		Mod C2 - Support to air Ops & intelligence
		Mod C3 - Battle Mgt assistant course
		Mod C4 - Identification links
	Meteorology	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
	Inlichtingen	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
	Instructor Flight Simulator	Aerodynamics
		Navigation
		Meteorology
		Jet & Piston Engines/Instruments
		Mod ATC
		Intermediate education (SF 260 – A109)
	Real Time Observer	Specialized education (SF 260 – A 109 or F-16)
		Intelligence
		Mission planning
		Basic & Advanced Courses Imagery Analyst
	Pilot Navigator	ATC for UAV

Vorming	Cursus	Materie
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
Assistant Air Intel Support	Intelligence	
	Mission planning	

Vorming	Cursus	Materie
Alle officieren Marine	Ship's Management	NATO Org
		Crew Resource Mgt
		Intro Warfare

(1) De kopijvermelde :

Vorming	Cursus	Materie
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

Vorming	Cursus	Materie
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 MFPT
		Anti-submarine warfare practice runs MFPT

Vorming	Cursus	Materie
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 MFPT
		Anti-air warfare practice runs MFPT

Vorming	Cursus	Materie
Lager onderofficier Detector	EVO Basis	Operational English
	VVO Basis	Operational English

Vorming	Cursus	Materie
Lager onderofficier Mar Verbindingen	EVO Transmissies	Operational English
	VVO Transmissies	Operational English

Vorming	Cursus	Materie
Alle lagere onderofficieren Marine	Intermediate LOO Navy	Maritime English

Vorming	Cursus	Materie
Vrijwilliger Detector FF	EVO Basis	Operational English

Vorming	Cursus	Materie
Vrijwilliger Detector MCMV/BSL	EVO Basis	Operational English

Vorming	Cursus	Materie
Vrijwilliger Mar Verbindingen	EVO verbindingen	Operational English

Gezien om te worden gevoegd bij het ministerieel besluit van 28 april 2011 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 Defensie,
P. DE CREM