

UASA Instructor Qualification

Program Briefing Update APR 2017

Instructor Qualification Program SEP 2015v6

THIS PROGRAM MAY BE MODIFIED BY UASA AT ANY TIME
CONTRACTS IN PLACE AUTOMATICALLY ADOPT NEW PROGRAM AFTER 30 DAYS



UASA Certification Certificate

Instructor Certificate



Instructor Levels

 Blue Seal is a course completion certificate earned by attending a course



- Copper is first pass as instructor
- Silver is first in-course lead pass
- Gold is final lead pass which requires conducting and leading all course workup including client relations (typically 2 courses under mentorship)

UASA Certification Benefits

UAS Academy Creative Commons

These licenses are comprised of a combination of four features:

- BY = Attribution
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Facilities & Equipment

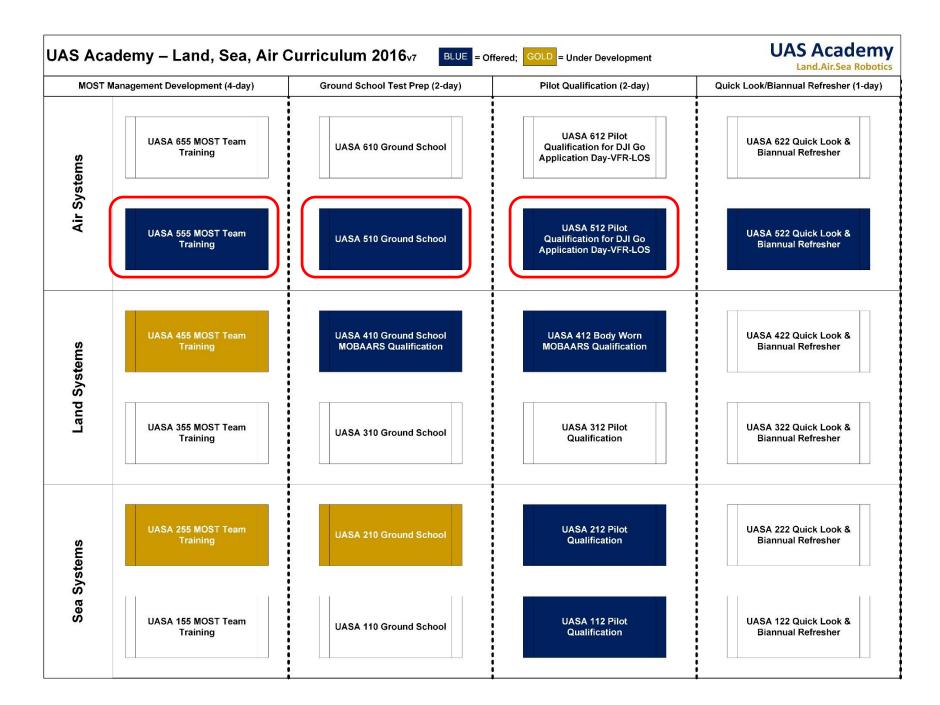
- All UASA operations insured
- All equipment provided
- Back office contract support including 8(a) and Sole Source multi-state contracts
- Recurrent training and add-on course participation at no cost while pursuing certification
- Publication systems focused on Education and Public Safety
- Commercialization systems with direct payment to contractors
- Access to, and management of your MOBAARS and MOST workflow

i used to imply all digital streaming media including but not limited to audio, video, serial data, and imagery.

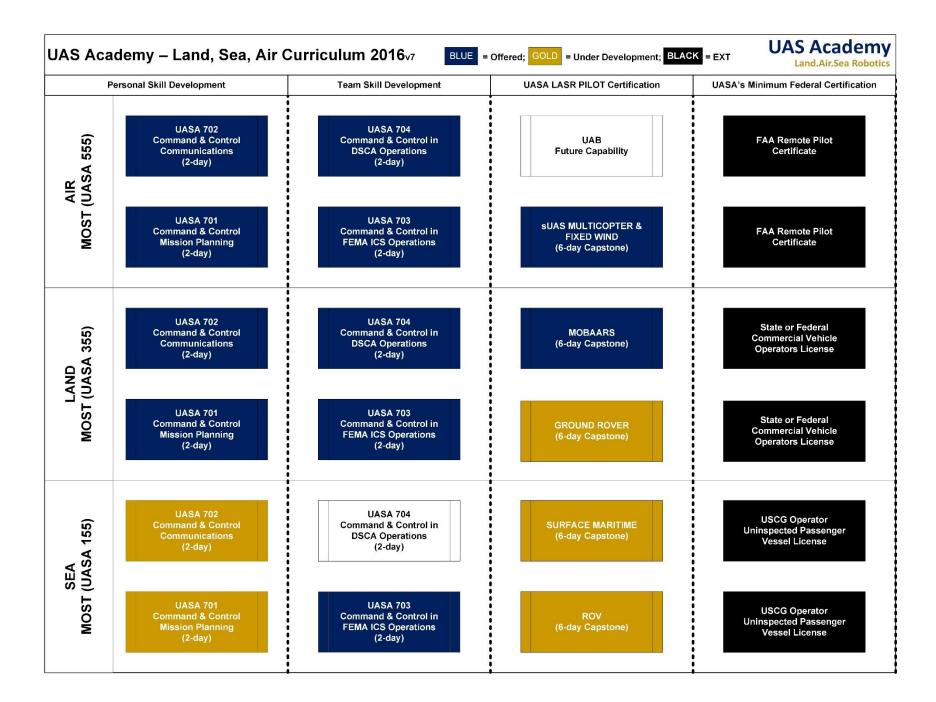
[&]quot; any school that charges tuition is NOT a "non-commercial" purpose.

Curriculum Ontology

- 100 is sub-sea
- 200 is surface maritime
- 300 is surface land rolling motive
- 400 is surface land ped-based motive or body worn sub-systems
- 500 is earth atmosphere aviation
- 600 is all other aviation
- 700 is T3 professional
- 800 is T3 STEAM educators
- 900 is special projects & topics



LASR Systems Maintenance (2-day)		Sensor Systems Lab (4-day)	Human Factors Operations Lab (2-day)	Mission Information Lab (2-day
	UASA 630 LASR-Space Maintenance 2-day	UASA 601 System Design Build for Space UAS 4-day	UASA 602 Human Factors & Operations for Space UAS 2-day	UASA 603 Environment & Navigation for Space UAS 2-day
	UASA 530 LASR-Air Maintenance 2-day	UASA 501 System Design Build for In Atmosphere UAV/OPA 4-day	UASA 502 Human Factors & Operations for In Atmosphere UAV/OPA 2-day	UASA 503 Environment & Navigation for In Atmosphere UAV/OPA 2-day
	UASA 430 LASR-Body Worn Maintenance 2-day	UASA 401 System Design Build for Body Worn, Stationary UAS 4-day	UASA 402 Human Factors & Operations for Body Worn, Stationary UAS 2-day	UASA 403 Environment & Navigation for Body Worn, Stationary UAS 2-day
	UASA 330 LASR-Land Maintenance 2-day	UASA 301 System Design Build for Rolling-Motive UAS 4-day	UASA 302 Human Factors & Operations for Rolling- Motive UAS 2-day	UASA 303 Environment & Navigation for Rolling- Motive UAS 2-day
2	UASA 230 LASR-Sea Maintenance 2-day	UASA 201 System Design Build for Floating UAS 4-day	UASA 202 Human Factors & Operations for Floating UAS 2-day	UASA 203 Environment & Navigation for Floating UAS 2-day
Sea Systems	UASA 130 LASR-Sub Maintenance 2-day	UASA 101 System Design Build for Submersible UAS 4-day	UASA 102 Human Factors & Operations for Submersible UAS 2-day	UASA 103 Environment & Navigation for Submersible UAS 2-day



Program Overview MOST Prerequisites for UASA Instructors

- LASR-Mode MOST Certification
- MOBAARS Training Completed
- Appropriate License or Certification from Authority
- UASA Independent Contractor Agreement on File

Program Overview LASR Mode Prerequisites for UASA Instructors

• Vehicle System Certification — your time investment

Land:

System Certification (Blue Seal) and 3 Course Specific Instruction Seals (Copper/Silver/Gold)

<u> Air:</u>

System Certification (Blue Seal) and 3 Course Specific Instruction Seals (Copper/Silver/Gold)

<u>Sea:</u>

System Certification (Blue Seal) and 3 Course Specific Instruction Seals (Copper/Silver/Gold)

Program Example LASR-Air Common T3 Development Path

Refe	er to the Re	ed Boxes on Slide 4
	UASA 555	MOST Blue Seal (Tuition)
LAS	R-Air T3 Pa	th for Operating a UASA-certified sUAS Pilot Certification Program:
•	UASA 510	Certification (Tuition)
		Blue Seal as a Participant
•	UASA 510	Course Specific Instruction Seals (no tuition, no compensation or reimbursement)
		Copper
		Silver
		Gold
•	UASA 512	Certification (Tuition)
		Blue Seal as a Participant
•	UASA 512	Course Specific Instruction Seals (no tuition, no compensation or reimbursement)
		Copper
		Silver
		Gold

- Unpaid Time Investment (Best Case) is 20 Days
- Tuition Paid (Best Case) is \$250/Day x 8 = \$2000, sUAS rental if needed is extra.

Pre and Post Course Expectations

- KSAs mastery in accordance with TLO/SLO/cases used in the course
- Ability to manage the course timelines to meet all TLOs
- Exceptional planning and observational KSAs
- Willingness to take action in support of course deviations when circumstances mandate changes
- Ability to deliver all course work products on time
- Completed pre-course oral examination successfully
- Completed post-course follow up and AAR items successfully
- Consistent reputation as "one of the smartest people I've met" or similar on course reviews
- Ability to deliver accurate, unvarnished FACTS that fit into the participants domain of operation
- Ability to keep examples within the realm of participants understanding

UASA Contractual Requirements

- Independent contractor agreement signed
- Task order for any activity that requires reimbursement of expenses or task order payment
- Completion of MOBAARS training prior to completion of "copper" certification
- Copy of all required documents (licenses, medicals, insurance, radio permits, etc) as stipulated in the independent contractor agreement in advance of first participant contact

Compensation as Consultant

All expenses approved in advance will be reimbursed within 10 days of proper documentation to UASA

No compensation for instructor development time, including extra duties as assigned during contact time

ONCE CERTIFIED

- Upon completion of CSG Sealed Certificate, instructors are paid on course block time based on an 8-hour/1 day instructional block as follows:
 - Lead Instructor = \$600 per completed block
 - Primary Support (licensed) = \$400 per completed block
 - Secondary Support (licensed) = \$300 per completed block
 - Unlicensed Support = \$200 per completed block
- In all cases this is at least \$50 per hour for the lead instructor if properly delivered
- There are no benefits of any kind for contract instruction other than consulting income as per above
- All taxes are the responsibility of the consultant
- Consultants are limited by law to the amount of instruction they can do for hire with UAS Academy – consult UASA Director of Operations