SCT

SECRETARÍA DE COMUNICACIONES Y TRANSPORTES

AEM

AGENCIA ESPACIAL MEXICANA

Formation of Specialized Human Resources in the Space Field

Space Systems Engineering Course Applied to a CanSat Mision

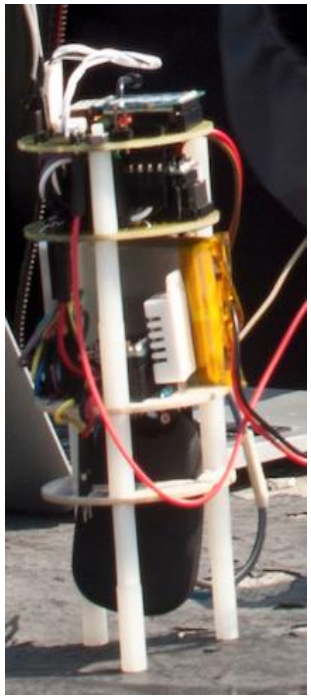
SPACE EDUCATION
www.educacionespacial.aem.gob.mx

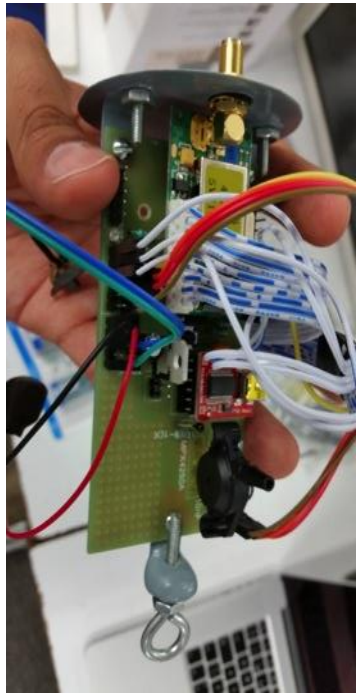
Mexican Space Agency
www.aem.gob.mx

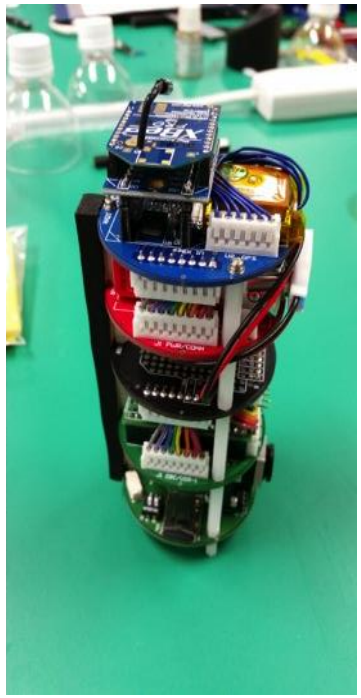
CanSat

Several CanSat prototypes have been designed and developed for the implementation of the CanSat National Course in Mexico.

It is tought in two modules, theoretical and practical.

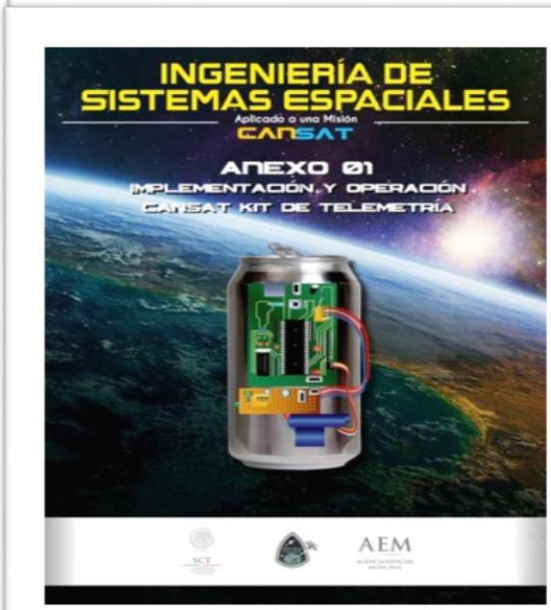


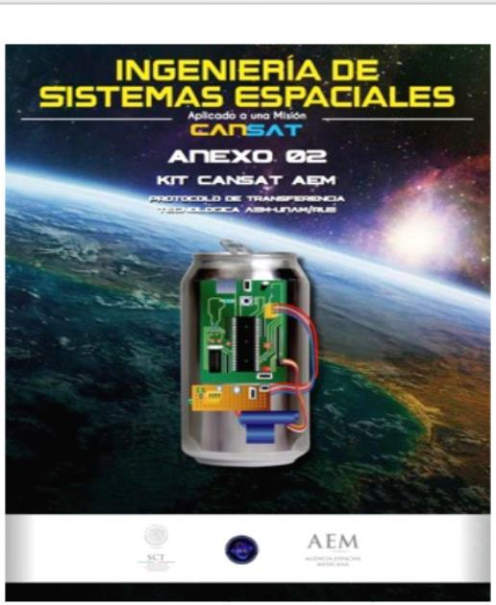




CanSat

The course is developed based on the Space Systems Engineering methodology.

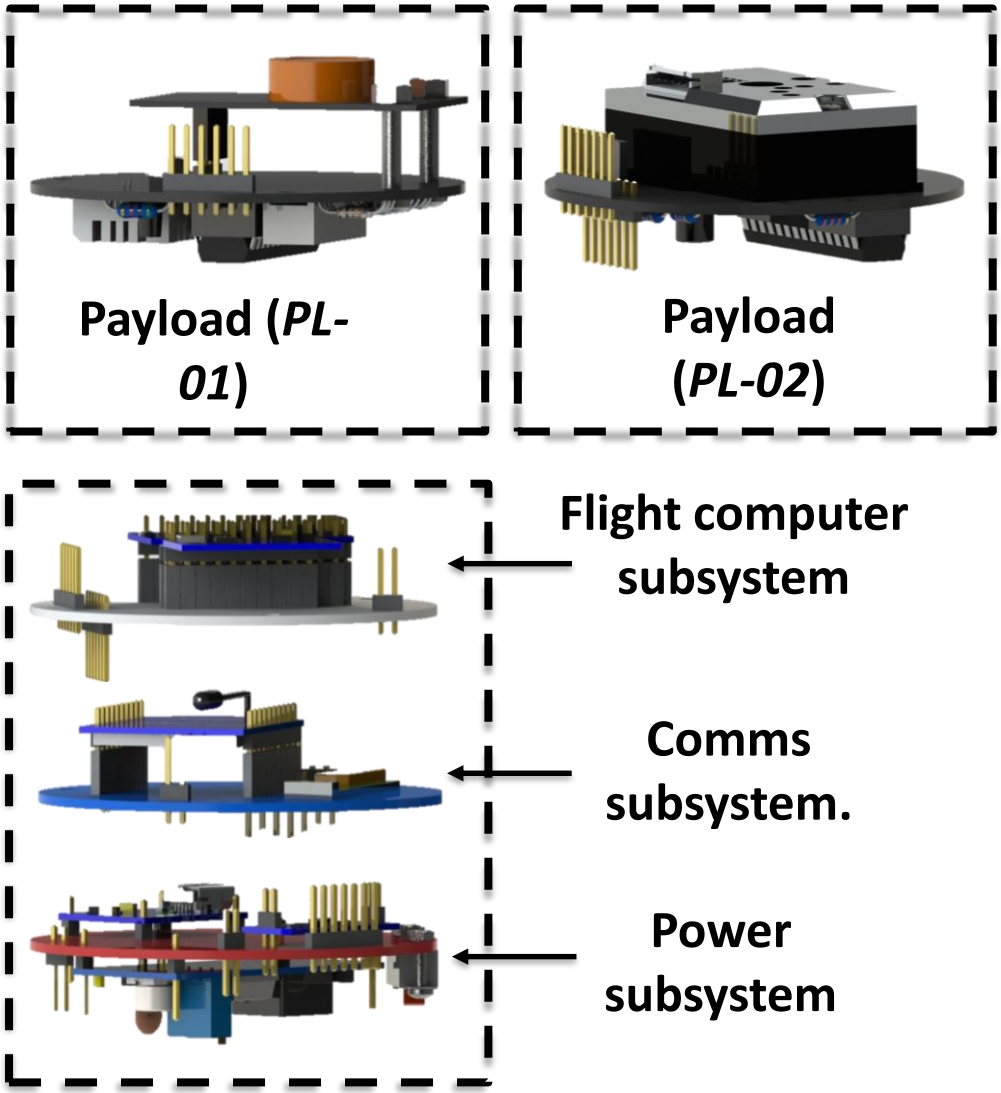




CanSat AEM 1

The latest prototype was developed in 2015:

The CanSat AEM -1 is constituted of three main PCB, and a structure that allows the incorporation of one payload.

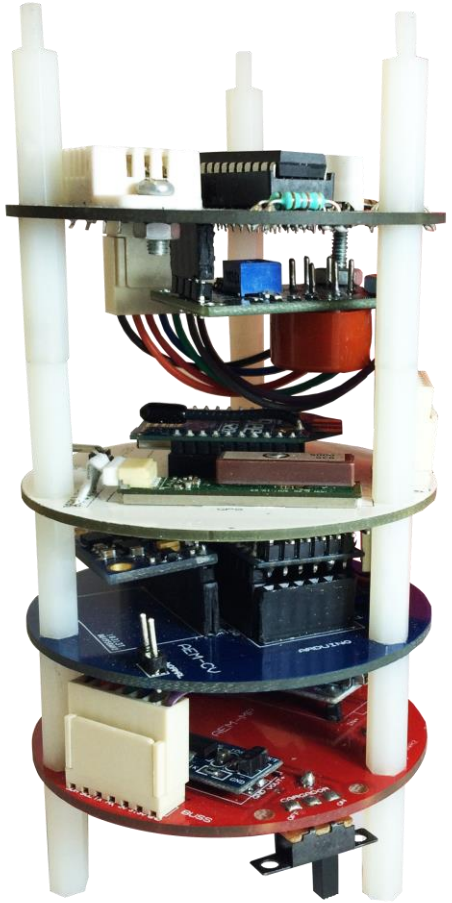


CanSat AEM 1

The latest prototype was developed in 2015:

The CanSat AEM -1 is constituted of three main PCB, and a structure that allows the incorporation of one payload.

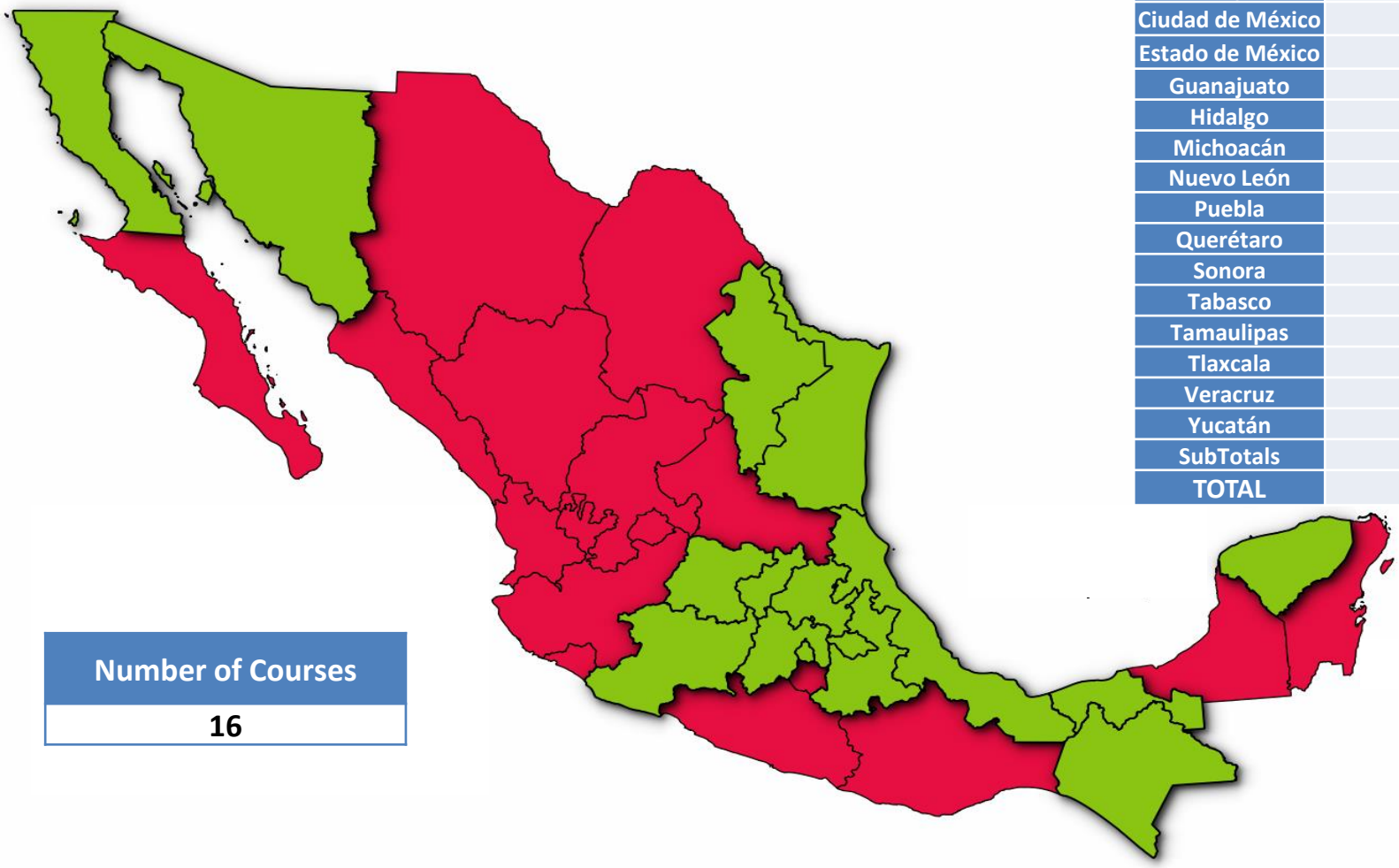
Payload (*PL01*)



Payload (*PL-02*)

SPACE SYSTEMS ENGINEERING NATIONAL COURSES

State	Students	Professors
Baja California	175	20
Chiapas	0	11
Ciudad de México	0	8
Estado de México	0	7
Guanajuato	0	7
Hidalgo	0	2
Michoacán	34	1
Nuevo León	51	2
Puebla	0	1
Querétaro	0	7
Sonora	50	10
Tabasco	0	11
Tamaulipas	106	10
Tlaxcala	0	14
Veracruz	28	15
Yucatán	0	8
SubTotals	**444**	**134**
TOTAL	**578**	



Number of Courses
16

CanSat's Team "Global Unisec"

¡Thank You!

Blanca Rebollar
rebollar.blanca@aem.gob.mx
Space Education Director

www.educacionespacial.aem.gob.mx
www.aem.gob.mx

SCT
SECRETARÍA DE COMUNICACIONES Y TRANSPORTES

AEM
AGENCIA ESPACIAL MEXICANA