

# ASTE 470 *Spacecraft Propulsion*

Required for degrees in *Astronautical Engineering*



Regardless of your **engineering or science major** (electrical, mechanical, aerospace, systems, computer, etc. or physics, astronomy, chemistry, math, etc.) and regardless of your **job function** (research, development, design, test, management, etc.) ...

If you work or plan to work in the space/defense industry or in government space/rocket R&D centers or in space operations, then **this course is for you.**

ASTE470 focuses on fundamentals of rocketry and spacecraft propulsion.

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In academic year 2019–2020, *ASTE470 Spacecraft Propulsion* is offered in the Fall 2019 semester only (not offered in Spring 2020).

**Fall 2019      Friday, 3:30 – 6:10 pm; OHE 136**

**Class enrollment is unlimited.**

For students enrolled in the class:

Course materials for *ASTE 470 Spacecraft Propulsion* will be posted on the class web site at DEN in mid August.

**Help with access DEN site: <http://gapp.usc.edu/graduate-programs/den/students>**

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*ASTE-470* public web site ( <http://astronauticsnow.com/aste470/> ) provides information on the syllabus, textbooks, and much more. First (organizational) lecture from the previous year: [http://astronauticsnow.com/aste470/aste470\\_info\\_web\\_recent.pdf](http://astronauticsnow.com/aste470/aste470_info_web_recent.pdf) .

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## **Waiver of Required Course ASTE-470**

If you took a course similar to (or significantly overlapping with) ASTE-470 during your studies, then you can waive this course requirement toward MS ASTE.

Please check first the ASTE-470 course content in Section 00, Part 1 and Part 2 (no password required) of the course notes – you can view them at

[http://astronauticsnow.com/aste470/aste470\\_info\\_web\\_recent.pdf](http://astronauticsnow.com/aste470/aste470_info_web_recent.pdf)

Then, decide.

If you decide to waive the ASTE-470 requirement, then you must contact ASTE Student Services Director Ms. Nicole Valdez and inform her – the waiver must be added to your file.

Please consult

[http://astronauticsnow.com/msaste/faq.html#Waiver\\_of\\_the\\_required\\_course](http://astronauticsnow.com/msaste/faq.html#Waiver_of_the_required_course)

how to proceed.