

# ASTE 575 *Rocket and Spacecraft Propulsion*

Required for Master of Science degree in *Aeronautical 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 government space R&D centers or in space operations, then **this course is for you.**

ASTE 575 focuses on the fundamentals of rocketry and spacecraft propulsion.

## Academic year 2022–2023

ASTE 575 *Rocket and Spacecraft Propulsion* is offered **only in the spring (2023)** semester (not offered in Fall 2022).

Spring 2023      Monday, 6:40 – 9:20 pm (Pacific Time)

**Class enrollment is unlimited**

For students enrolled in the class:

Course materials for *ASTE 575* will be posted on DEN's D2L class web site around **January 1, 2023.**

Help with access the D2L site <http://courses.uscden.net> at DEN:  
<http://gapp.usc.edu/graduate-programs/den/students>

**ASTE 575** public website ( <http://astronauticsnow.com/aste575/> ) provides some information on the syllabus, textbooks, instructor, and much, much more.

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## Waiver of Required Course ASTE-575

ASTE-575 is required for the MS ASTE degree.

If you took a course similar to (or significantly overlapping with) ASTE-575 during your studies, then you can waive this course requirement toward MS ASTE.

Please review first the ASTE-575 course content in Section 00, Part 1 and Part 2 (no password required) of the course notes – you can view them (under the identical ASTE-470) at

[http://astronauticsnow.com/aste575/aste575\\_info\\_web\\_recent.pdf](http://astronauticsnow.com/aste575/aste575_info_web_recent.pdf)

Then, decide.

If you decide to waive the ASTE-575 requirement, then you must contact ASTE Student Services Director Mr. Luis Saballos for guidance. Note that 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.

Students with ASTE's degree BS ASTE who took ASTE 470 or ASTE 575 should contact Luis Saballos to waive the course requirement. The course is waived automatically but the waiver must be added to your record.