

# STEM STUDIES CERTIFICATE +

This certificate serves as a pathway into CCV's STEM Studies degree and prepares you for transfer to engineering or other technical degrees such as Vermont Technical College's program in Mechanical Engineering Technology. The program provides a strong foundation in science, mathematics, and other academic skills. Flexibility within the certificate allows you to select courses and build skills necessary for your own career and educational goals.

Required Courses are listed in the order in which we recommend you take them.

- First Semester Seminar  
INT 1050 - Dimensions of Self & Society
- ENG 1061 - English Composition
- MAT 1230 - College Algebra
- MAT 1330 - Pre-Calculus Mathematics
- Choose two 4-credit lab science courses

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### Technical Electives

- Choose 6 - 8 credits in ARC, BIO, CIS, CHE, ENV, GEY, MAT or PHY

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### Electives

- Choose 3-4 credits

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**Total Credits: 30 - 33**

Note(s):

+ This program can be completed fully online.