



Providing Regional Opportunities & Pathways for Enhanced Learning

# Remotely Piloted Aircraft Systems

MVCC

## What is PROPEL?

PROPEL is an award winning partnership between Madison-Oneida BOCES, regional high schools, and MVCC that allows students to take college classes at the MVCC Rome campus and work toward micro-credentials and certificates during their junior and senior high school years.

## Is there a cost for the program?

There is no cost for students to participate in PROPEL. Your high school provides the transportation and textbooks; MVCC offers the classes free of charge.

## What are the benefits of PROPEL?

PROPEL students gain valuable college-level learning experiences and are eligible to complete a degree with just one year of post-high school coursework.

## Will I have help with college classes?

All PROPEL students will take *College Seminar*, an introductory class which helps students find success in college. PROPEL students also have access to student assistance programs through their home district, MOBOCES, and MVCC.

## Do I have to commit for three years?

No. Students have the opportunity to remain in the program and complete their studies at MVCC, however, many of the course credits will transfer to other colleges and universities.

## How can I enroll in PROPEL?

Schedule an appointment to talk to your school counselor.

## Three-Year Sequence

(Course offerings and availability subject to change)

### 11<sup>th</sup> Grade Coursework

Introduction to Geographic Info. Systems  
Advanced Geographic Info. Systems  
College Foundations (CF100 dual credit course)  
American Nat'l Govt (PS101 dual credit course)  
College Algebra & Trig (M125 dual credit course)

### 12<sup>th</sup> Grade Coursework

Electronics of Remotely Piloted Aircraft  
Mechanics of RPAS  
Survey of Economics (Integrated High School Credit)  
Composition (EN101 dual credit course)  
Ideas & Values in Lit. (EN102 dual credit course)

### Post-High School Coursework

Introduction to Remote Sensing  
Introduction to Global Positioning  
Systems RPAS Operations 1  
RPAS Operations 2  
History of Photography 1  
Capstone: Geographic Info. Systems  
Physical Geology  
Special Topics in RPAS  
Health & Wellness

