

## Career Opportunities

The combination of classroom instruction, online viticulture courses delivered by experts from throughout the country, and hands-on experience makes graduates of the Viticulture Certificate Program in high demand.

Graduates will find careers throughout the rapidly expanding grape industry here in Michigan and beyond. Employment opportunities include vineyards, commercial growers, processors, packing plants and wineries.

## How to Enroll

Students must apply for admission to the MSU Institute of Agricultural Technology and Northwestern Michigan College to enroll in the Viticulture Certificate Program. The VESTA online courses have their own admission and registration process.

## Admission Requirements

Enrollment is open to those with a high school diploma or equivalent with a minimum GPA of 2.0. The program welcomes recent graduates, workers seeking to retrain and retool, and those seeking a career change or exploring new options. ACT or SAT test scores are used as needed in the admission process.

## For More Information

Institute of Agricultural Technology  
Agriculture Hall  
446 W. Circle Dr., Room 120  
Michigan State University  
East Lansing, MI 48824-1039  
**Phone: 517.355.0190 or 888.247.4832**  
**[www.iat.msu.edu](http://www.iat.msu.edu)**

Northwestern Michigan College  
**Phone: 800.748.0566**  
**[www.nmc.edu](http://www.nmc.edu)**



**[www.vesta-usa.org](http://www.vesta-usa.org)**



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# Viticulture

## Certificate Program

Institute of Agricultural Technology  
Northwestern Michigan College



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Agricultural Technology





## Interested in learning more about Michigan's expanded **grape industry**?

### Program Description

In response to an industry need for professionals with regional grape industry knowledge, Michigan State University is partnering with Northwestern Michigan College and the Viticulture and Enology Science and Technology Alliance (VESTA) to offer a Viticulture Certificate Program in northern Michigan. This combined program will enable students to complete a certificate in Viticulture from MSU's Institute of Agricultural Technology while working towards an NMC Associate's degree.

The Viticulture Certificate Program provides students with a solid background in plant science along with specific expertise and skills needed for careers in the grape industry. Michigan ranks in the top 5 nationally for grape production.

### Academics

Students enrolled in the program will study a variety of things related to vineyard management including classes in plant pathology, applied entomology, grape production, plant biology, chemistry, English, math, seasonal viticulture technology, vineyard safety, and soils for viticulture. An elective course will be taken depending on a student's background and interests.

The Viticulture Program uses multiple course delivery methods to meet student and program needs. All courses will take place on the NMC University Center campus. Many classes are taught on-site by MSU faculty and highly qualified industry leaders. Other courses will be taught by community college faculty or are offered distance education using an interactive television system that connects students to the best instructors possible. VESTA courses are taught online to allow flexibility in course scheduling.

All students enrolled in the Viticulture Program will have access to MSU campus resources including e-mail, internet, and library.

### Internship

A professional internship is required to complete the program. The internship places students in a professional learning environment that challenges them to apply knowledge with hands-on mastery of skills along with interpersonal and professional skills. Students will earn credits toward the certificate during this supervised on-the-job training.

Internships are individualized and are as diverse as our students who are encouraged to seek new or expanded opportunities rather than return to familiar employers.

