

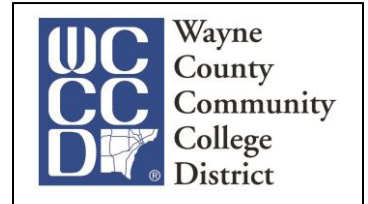
Landscape Management

A unique partnership with Wayne County Community College District

The Institute of Agricultural Technology (IAT) has partnered with Wayne County Community College District (WCCCD) in Detroit, MI to offer a unique way to help students earn an MSU certificate in Landscape Management while also working toward an Associate of Applied Science Degree. This unique partnership allows students to access resources in academics, financial aid, career services, and student life at Michigan State University and Wayne County Community College District.

For more information contact:

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Landscape Management

27 MSU Credits min. requirement
+21 WCCCD Credits min requirement
= 48 total credits for certificate

27 MSU credits min. requirement
+33 WCCCD credits min. requirement
= 60 total credits for Certificate & Associate

| Required MSU Courses 27 credits | | | Wayne County Community College District Courses. 33 credits | |
|------------------------------------|--|-------|--|-----------|
| AT 293 | Professional Internship in Agricultural Technology | 3 cr. | Natural Science Requirement | 8 credits |
| AT 202 | Agricultural Regulation, Compliance and Safety | 3 cr. | Math Requirement | 4 credits |
| CSS 143 | Introduction to Soil Science | 2 cr. | Humanities Requirement | 6 credits |
| ENT 110 | Applied Entomology of Economic Plants | 3 cr. | Social Science Requirement | 6 credits |
| HRT 207 | Horticulture Career Development | 1 cr. | Written and Oral Communications | 6 credits |
| HRT 211 | Landscape Plants I | 3 cr. | Program Requirements | 3 credits |
| HRT 212 | Landscape Plants II | 3 cr. | | |
| HRT 213 | Landscape Maintenance | 2 cr. | | |
| HRT 218 | Irrigation System for Horticulture | 3 cr. | | |
| PLP 105 | Fundamentals of Applied Plant Pathology | 2 cr. | | |
| | MSU approved electives | 2 cr. | | |

* Specific courses will be determined by the Wayne County Community College District Catalog and as approved by the Institute of Agricultural Technology program coordinator.

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| AT | 202 | <u>Agricultural Regulation, Compliance and Safety</u> Regulation, laws, compliance and safety as it relates to Michigan's agricultural sector. Michigan Occupational Safety and Health Administration safety standards, food safety, water protection, pesticide and fertilizer application and voluntary programs for agricultural producers. Preparation for the pesticide core exam. | Online | Fall | 3 credits |
| AT | 293 | <u>Professional Internship in Agricultural Technology</u> Supervised professional experience in agencies, business and industry related to a student's major field of study. | | | 3 credits |
| CSS | 143 | <u>Introduction to Soil Science</u> Soil and its impact on plant growth, plant and water relations, drainage, nutrients, soil as a resource, and erosion control techniques. | Online | Fall & Spring | 2 credits |
| ENT | 110 | <u>Applied Entomology of Economic Plants</u> Arthropod pests of horticultural plants and turf grasses. Groups and species of economic importance to Michigan. | Face to Face | Fall Odd Years | 3 credits |
| HRT | 207 | <u>Horticulture Career Development</u> Internship preparation and identification of employment opportunities. Career goal establishment, resume construction, correspondence development, personal budgeting, interview skills and strategies. | Face to Face | Fall | 1 credit |
| HRT | 211 | <u>Landscape Plants I</u> Identification, adaptation, and evaluation of shade trees, narrow-leaved evergreens, shrubs, woody vines, herbs, ornamental grasses, and herbaceous perennials. | Face to Face | Fall Odd Years | 3 credits |
| HRT | 212 | <u>Landscape Plants II</u> Identification, adaptation, and evaluation of flowering trees and shrubs, evergreen trees and shrubs, ground covers and bulbs. | Face to Face | Fall Even Years | 3 credits |
| HRT | 213 | <u>Landscape Maintenance</u> Ornamental plant management. Plant growth and development related to pruning, fertilization, irrigation, weed control, transplanting; development of landscape management specifications; integrated plant management and plant health care programs. | Face to Face | Spring Odd Years | 2 credits |
| HRT | 218 | <u>Irrigation Systems for Horticulture</u> Design, installation and maintenance of irrigation systems for turfgrass and landscape plants. Design hydraulics, equipment selection, pump stations, water features, water quality and conservation. | Hybrid | Spring Even Years | 3 credits |
| PLP | 105 | <u>Fundamentals of Applied Plant Pathology</u> Diseases of major agronomic and horticultural plants. Disease management. Offered first ten weeks of the semester | Face to Face | Fall Even Years | 2 credits |

Michigan State University reserves the right to make changes in its programs, policies, rules, regulations, procedures, fees, tuition, organizational structure, faculty, and staff through the appropriate university processes. Every effort will be made to give as much advance notice as possible in the event of such changes.

MSU is an affirmative-action, equal-opportunity employer.

06/2017

