

Monroe CTI Grades 9-12	Horticulture-Floriculture/Landscaping CIP Code: 01.0601	Present Education Levels	Action/Need
Classroom Tests	Bi-weekly		
End-of-Year Assessment Test	NOCTI		
Industry Certification Tests and Costs ¹	OSHA Certification - Agriculture National Safe Tractor and Machinery Operator Certified Landscape Technician (CLT) Pennsylvania Certified Horticulturist (PCH) Worker Protection Standard Training		
Number of Books	2 textbooks provided by school		
Lecture Time	30 minutes a day		
Co-operative Education	Students who meet all requirements including teacher recommendation, grades, attendance, and discipline record		
Homework	Study guides, test review sheets, and projects		
Task List	PDE Statewide Program of Study aligned with certifications		
Prerequisites	Ability to work in groups, customer skills, and good eye hand coordination		
Reading Levels	9 th grade minimum		
Math Levels	Basic math and basic measuring skills		
Program Requirements and Related Costs	Floriculture – FFA Apron - \$22 Sturdy sneakers w rubber soles and laces – \$20 and up Landscaping – FFA Shirt - \$15 Work boots-\$20 and up Work gloves- \$10 and up FFA Dues-\$10		
Dual Enrollment	PennCollege NOW- Introduction to Ornamental Horticulture (1 credit for qualified students)		
Articulation Agreements	Statewide Articulation Agreements Luzerne County Community College		
Essential APTITUDES for this lab – Recommended levels	Ability to stand for long periods Ability to work with others Good manual dexterity		
Work Environment	Indoors/outdoors Greenhouse Some chemicals used		

¹ Costs are shared 50/50 between MCTI and student for PDE approved certifications. The responsibility of the student’s cost per test varies per program. Specific information will be available upon acceptance into a program.