

ACCREDITATION PROGRAM ANNUAL REPORT



To stay compliant with your accreditation and to receive the NCLC registration discount, this report is due by January 15, 2020.

Report for Academic Year 2021

Add more lines or attach additional sheets if needed

School Name College of DuPage

Department Name Horticulture Department

School Address 425 Fawell Blvd.

City Glen Ellyn **State** Illinois **Zip** 60137

Faculty Contact Brian Clement

Phone Number (630) 942-2526 **Fax** (630) 942-3923

E-Mail clement@cod.edu

Website <http://www.cod.edu> <https://www.cod.edu/academics/programs/horticulture/>

Accreditation status (Full or Provisional) Full Accreditation

If Provisional, describe progress made toward completing requirements for Full status:

Please describe any substantial changes in the program since the last site team visit

- In fall 2016, a new 71 credit hour Landscape Contracting and Management Degree was created and approved through the College and Illinois Community College Board. The degree includes a majority of required classes to ensure each student meets NALP standards. Students have three elective hours to choose from. This new degree also included three new courses for the program: HORT 1109 OSHA 10-Hour Landscape Safety, HORT 1114 Irrigation and Water Management, and HORT 2235 Landscape Bidding and Estimating.
- In fall 2016, the Horticulture Department Mission, Objectives and Values document was revised to include a strong statement about safety: "Demonstrate the safe use of equipment, chemicals and tools used in the industry." Documentation is attached to this report. This is reviewed by the Advisory Council on a yearly basis. The mission statement is prominently displayed in each classroom/lab area on 24"x36" framed posters so students are now aware of our mission.
- All program marketing and correspondence material, including the department website, feature the NALP accreditation logo.
- Fall 2016, the Horticulture Program experienced a 27% enrollment increase from the previous year. This was the highest program enrollment increase college-wide. In fall 2017, the Horticulture Program experienced an 8% enrollment increase over fall 2016. Fall 2018, the Horticulture Program experienced a 12% enrollment increase

over fall 2017. Enrollment in the program continues to increase as a result of marketing efforts by the faculty and staff.

- Stronger collaboration is being developed between the grounds department and the program. We hosted the 2017 Illinois Landscape Contractor Association (ILCA) Summer Field Days here on campus with the help of the grounds department. The event is the ILCA's oldest event dating back to the early 1960s and features exhibitor booths, education, food, equipment demonstrations, games and fun for green industry attendees. Students are working on a couple of designs for new landscape projects on campus. Beginning in spring 2019, we are going to be mapping out all the trees and shrubs on campus in an App that the grounds department and students studying plant ID can utilize in their classes.
- Funding avenues were explored to help cover Student Career Days expenses and support other department activities. Nineteen students and two advisors attended the 2017 NALP Student Career Days. The 19 students competed in all 28 events at Student Career Days. We were awarded \$15,516.00 through the FY2017 Perkins Grant to help fund this activity along with sponsorships from local companies. Twelve students attended the 2018 NALP Student Career Days in March 2018 and \$12,500.00 was awarded through the FY2018 Perkins Grant to help fund this activity. Additional funds were raised through sponsorships from local companies. Twenty students plan to attend the 2019 NALP Student Career Days at Colorado State University and \$12,500.00 was awarded through the FY2019 Perkins Grant to help fund this activity. Students will be raising additional funds through sponsorships from local companies to help cover the remaining costs of the trip.
- Program marketing has increased through new promotional material created by the marketing department, website updates and emails. We have marketed our online classes to high school students across the state. In fall 2018, we had all of our marketing materials translated into Spanish to help market the program with our dual credit programs. We also worked with the College of DuPage multimedia department over the past year and just released our new Horticulture Program Promotional Video in Fall 2018 <https://youtu.be/M95QlzEliVg>
- Fifteen new classes, 2 new degree tracks and 2 new certificates were added to the program in fall 2016. This included the hiring of five new adjunct instructors. We also completed construction of a new \$300,000 Sustainable Urban Agriculture Lab in fall 2016 that includes an 18'x20" storage shed with a green roof for department equipment. Program improvements have continued in 2017 and 2018.
 - Landscape Contracting and Management Degree – 3 new classes
 - Sustainable Urban Agriculture Degree and Certificate – 10 new classes
 - Power Equipment and Technology Certificate – 4 new classes
 - Fall 2018, we added 2 new special topics classes: Introduction to Beekeeping (2 credits) and Fruit and Berry Production (3 credits). We are in the process of adding a new Advanced Specialty Floral Design Class (1 credit class) for fall 2019.
- The Horticulture Department is seeking accreditation from the Engine and Equipment Training Council (EETC) in fall 2018/spring 2019. We are currently offering all six classes in the new Power Equipment Technology Certificate. A letter describing the program was sent to area park districts, fire departments and municipalities in hopes of reaching the correct population to fill the classes.
- The Horticulture Department received \$93,000 in FY17 capital equipment and \$30,800 in FY17 Perkins Funding to purchase new equipment and supplies for training students. Equipment purchased includes: dump trailer, ride-on mower, sod cutter, Dingo compact utility loader, aerator, a Triumph spreader/sprayer and hydraulic training equipment for our Power Equipment and Technology Certificate. The department received \$14,998.00 in FY18 capital equipment and \$62,660.00 in FY18 Perkins Funding to purchase new equipment and supplies for training students. Equipment purchased includes: a reversible compactor, rammer compactor, a 2018 2500 Chevy Silverado Crew Cab Truck, 36" Stand on Mower, Toro 20" Slit Seeder, complete line of the new Stihl Lithium Ion Battery Powered Equipment, Stihl Chainsaws, Stihl Earth Auger and 2 new HP Desktop Z4440 computer workstations for the Horticulture study room. The Horticulture Department received \$47,302 in FY19 Perkins Funding to purchase new equipment and supplies for training students. Equipment purchased includes: 14' enclosed landscape maintenance trailer, landscape edger, 80" Sharp Aquos Smartboard, hydroponic and aquaponics supplies and equipment, power equipment

and tools, a new mist and propagation system for the greenhouse, Hydroponic LED grow lights, and beekeeping supplies and equipment.

- We are continuing to develop and expand our online course offerings. In summer 2017, Hort 2301 Principles of Agroecology and Hort 2303 Urban Agriculture Issues were offered in an online format. Plans are to develop two additional online courses for spring 2019 (Hort 1130 Horticulture Business and Hort 2213 3D Landscape Design). Forty-five percent of the students surveyed in the department requested additional online classes. Students are also requesting more hybrid classes.
 - More students are applying for the ILCA, NALP and other department and industry scholarships. Students are informed on a regular basis through department emails about scholarship opportunities and are encouraged to apply. Hort 1100 Introduction to Horticulture students complete a sample scholarship application and essay assignment to help them with this process. The Horticulture Department website has been updated to include numerous industry scholarships available to students in the program <http://www.cod.edu/programs/horticulture/scholarships/index.aspx>
 - As a department, we are tracking student data more consistently and are in the process of creating a horticulture alumni database to better track students after graduation. We received \$1,600.00 in FY18 Perkins Funding to help create and develop a COD Horticulture Alumni Group and database. The primary focus of this group will be to offer mentorship opportunities to current Horticulture students. A webpage is being developed for the group. Former alumni are able to register as an alumni in the [database](#) . To date, we have over 300 alumni registered in the data base. Additional promotional materials are being developed including an Alumni banner for recruiting events etc. and the purchase of two iPads to help register alumni members at events.
 - The Horticulture Club has gained membership this past year and has been more active. They have participated in various campus activities including a College Wide Day of Service in the community. The club also created floral and holiday decorations that were donated to local nursing homes. A club education event involving propagation was well attended and the plants were grown and sold to students on campus to raise funds on campus. The group has also worked on becoming more visible on campus to help increase membership and let other students know about horticulture. The horticulture club also collaborated with the Biology Department to help with the seed collection for the campus prairie restoration project. The club has plans for additional activities and community service projects.
 - The department advisory board has been expanded to include additional representation in landscape design, construction and maintenance as well as sustainable urban agriculture. Scott Grams, director of the Illinois Landscape Contractors Association, is co-chairman of the committee along with Brian Clement, Horticulture Department coordinator.
 - College of DuPage is in a 4-year process of implementing the Pathways program here on campus. Brian Clement, department coordinator is serving on the Pathways Mapping Committee.
 - The horticulture department has developed dual credit agreements with Oakton, Harper, Elgin, Waubensee and Moraine Valley Community Colleges to offer dual credit and programs of study in high schools with horticulture programs in those districts. The department is currently working with East Aurora High School, Reavis High School and Rolling Meadows high school to develop new dual credit and programs of study for new program startups.
 - The horticulture department is working on transfer options/agreements in horticulture to other universities in Illinois including Southern Illinois University and Illinois State University. Currently we have a transfer agreement with DeVry University for students to obtain a Bachelors degree in Business Technical Management with an emphasis in Horticulture.
 - Horticulture Program Learning Outcomes for each degree and certificate have been created, reviewed and adopted by the Horticulture Advisory Committee. The Program Learning Outcomes are posted on the College of DuPage Horticulture website <http://www.cod.edu/programs/horticulture/index.aspx> and are available to all
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students and constituents. These are also shared with students in the horticulture program during the fall and spring advising updates to all horticulture students.

- Fall 2018, the Horticulture Advisory Board approved curriculum changes adding an internship requirement to the Horticulture Certificate, Sustainable Landscape Certificate, and the Power Equipment and Technology Certificate. Once approved through the curriculum all 3 degrees and 9 certificates will have an internship requirement.
 - Fall 2018, the Horticulture Advisory Board approved changes to the current portfolio requirements that students must submit after completing an internship for their degree or certificate. Student portfolios are used for program assessment. In order to better assess students in the horticulture program and show that students are meeting the student learning outcomes adopted in the degrees and certificates they are seeking, new portfolio guidelines are being developed beginning spring 2019. In addition, all horticulture students must attend at least 2 horticulture club meetings per semester, participate in at least 4 hours of community service per semester and document at least 2 hours of participation in an industry engagement per year which could include seminars, trade shows, etc. A committee made of horticulture staff and advisory board members will review these portfolios to assess student-learning outcomes in the program and propose new program improvements.
 - The Horticulture Department applied for the Advance CTE Excellence in Action Award in fall 2018. This award recognizes and honors superior Career Technical Education (CTE) programs of study from across the nation. Selected programs of study will exemplify excellence in the implementation of the Career Clusters, show a true progression from secondary to postsecondary education, provide meaningful work-based learning opportunities and have a substantial and evidence-based impact on student achievement and success. Award winners will be announced in January 2019 <https://careertech.org/eia> .
 - Spring 2019, all the Horticulture Department marketing materials were translated into Spanish including programs of study for area high schools.
 - Summer 2019, the Horticulture Department applied for the Fruit Tree Planting Foundation Grant. 20 Fruit Trees along with 5 Grapes were planted to create an Orchard and small vineyard lab space for the new Fruit and Berry Production class.
 - Fall 2019, the Horticulture Department was approved to test pilot a new online portfolio through Blackboard with all horticulture students for the internship portfolios. A template is being developed with instructions and will be tested in spring 2020.
 - Fall 2019, the Horticulture Department created an organizational page on Blackboard. Every horticulture student enrolled in a class is uploaded as a member. This organizational shell is being used for Department announcements, job postings, internship postings, internship information, horticulture club announcements etc.
 - Fall 2019, all horticulture faculty including adjuncts are putting grades into blackboard on a weekly basis. Extra assistance is being provided to adjuncts to help with this new processes that many were not utilizing in the past.
 - Various student outreach efforts have been implemented in the horticulture department to ensure students are enrolled in the correct academic programs and are taking the correct classes. An advising update and department newsletter is distributed to all horticulture students during the fall and spring semesters. Faculty advisors review student academic programs with students and provide advising sessions throughout the year.
 - Partnership with the COD COACH program was developed in 2018 and continues. Coach is a two-year cohort program for adults with intellectual or developmental disabilities. In addition to an academic focus on reading, writing, math and computer literacy, COACH also promotes social skills, independence and career exploration. COACH has been developed to provide post-transition students with engaging educational and life-skills training to help prepare for meaningful employment. College of DuPage Horticulture department has partnered with the COACH program to provide students on campus job-shadow experiences and internship placement in horticulture
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working in the labs and greenhouse on campus. This allows students to explore career options to help identify a career path, gain horticulture skills, practice appropriate workplace behavior and gain work experience.

- Partnership continues with Wheaton Warrenville Community Unit School District 200 Transition program which has been active for 20+ years and is growing providing students with IEPs the acquisition of skills that lead to adult independence. The program is designed for students aged 18-22 years old, who are enrolled in the Wheaton-Warrenville Community Unit School District. The transition program focuses on creating opportunities for students to build on post-secondary goals in the classroom, vocational, and community settings. These outcome-based goals and objectives are the foundation for each student's IEP and drive their activities throughout the day. The IEP team gathers this information from the individual student's preferences, interests, needs and strengths. The COD Horticulture Department partners with the transition program in providing them hands-on learning and activities in the labs and greenhouse at College of DuPage.
 - Partnership continues with the Garden Works Project which began in 2013 when a former horticulture student and alumni, Tina Coral, founded the organization to serve the western Chicagoland suburbs. The Garden Works Project empowers, educates, and promotes organic suburban agriculture to improve the wellbeing of our community, the environment, and families facing food insecurity. They support all gardeners in their efforts to grow and prepare food for themselves and their neighbors in need. They teach organic vegetable gardening in a way that promotes self-sufficiency, pride and good stewardship of the Earth. Many of our students in the program participate in volunteer activities. 200+ volunteer team and board of directors help make their mission and vision reality helping over 87 families each year impacting 332 individuals. Students in the horticulture department grow and donate plants for this project. The Executive Director serves on our Advisory Board. College of DuPage hosts their annual sponsorship and fundraising dinner each year with tours of the horticulture department and student speakers at the event.
 - Partnership with the DuPage County Farm Bureau Ag Literacy Coalition which has been active for 12+ years continues. The DuPage County Farm Bureau Ag Literacy Coalition is made up of various organizations from the agriculture industry including one of our postsecondary dual credit teachers and a faculty member from the college. The coalition meets 4 times a year to help promote Agriculture in the Classroom and with a goal to help students and teachers gain awareness of agriculture in their daily lives. The coalition works together and cooperate with others to strengthen agriculture's role and influence as a vital part of a strong, prosperous economy in a free America. The mission is to "Promote agriculture through educational and informational programming to enhance the quality of life for its members, while preserving our agricultural heritage." The Ag Literacy Coalition supports the horticulture program of study through educational and informational programming and aids in recruitment.
 - The Horticulture Club has gained membership this past year (2019) and has been more active with more than 40 students participating in events. They have participated in various campus activities including a College Wide Day of Service in the community. The club created floral and holiday decorations that were donated to local nursing homes. A club education event involving propagation was well attended and the plants were grown and sold to students on campus to raise funds on campus. The group has also worked on becoming more visible on campus to help increase membership and let other students know about horticulture. The horticulture club has also collaborated with the Biology Department to help with the seed collection for the campus prairie restoration project. The club has plans for additional activities and community service projects. Activities include: Bonsai Class, Morton Arboretum Field Trips, Kick-off Barbeque in Fall, Plant/Bake Sales, Donations/Fundraising, College of DuPage Prairie Seed Collecting, Succulent Propagation, Foliage Propagation, Roll-up Your Sleeves Day of Action COD, Arbor Day Tree Planting, Brighten Up Your Day Event, Kaneville Tree Farms Nursery Tour, Plant Pathology Short Course, Medicinal Plant Presentation, Halloween Party and Pumpkin Carving, and a Field trip to Hauserman's Orchids along with community service projects in the spring and fall semesters.
 - COD Horticulture department has participated in the COD Cares for the past 6 plus years with more horticulture students participating in this campus-wide program for students and staff to give back to the community. The horticulture department helped organize and lead a community service event in fall 2018 and is planning another big event in spring 2020.
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- A Horticulture Alumni database has been established over the past year. We are continuing to update data, information, and sign up former students at industry events to reestablish their connections with the department. We will continue to draw on their expertise by utilizing appropriate individuals as guest speakers or their company as field trip hosts.
 - Increased marketing of the program through career fairs, social media, and industry events. All horticulture marketing handouts were translated to Spanish including our programs of study with seven high schools. Our dual credit schools with programs of study requested this. We also worked with the multi-media department over the past year to create a new department promotional recruitment video which can be found on the horticulture website <https://youtu.be/M95QIzEliVg> Working on creating a shorter promotional video clip.
 - The department identified program-learning outcomes for each degree and certificate, which were approved through the advisory committee in fall 2018. These are posted for all students on the horticulture website. <http://cod.edu/programs/horticulture/index.aspx> . These will also be utilized in program review and assessment each year.
 - Student portfolio requirements in the Horticulture Department are being updated. Portfolios are a requirement to complete each internship in the horticulture program. Upon completion of the internship, students must submit a portfolio documenting their internship experience. This includes a current resume, short-term and long-term goals, applied, acquired and additional skill sets, internship documentation including work samples and other evidence of achievement in the program. These changes are needed to better assess students in the horticulture program, show that students are meeting the student learning outcomes in the degree or certificate they are seeking, and enhance student participation in co-curricular activities. These assessments will guide the educational objectives of the program as well. Students must include the following items as part of their internship portfolio:
 - a. Each student must attend at **least 2** horticulture club meetings **per year** and include proof of attendance
 - b. Each student must participate in and document at **least 4** hours of community service **per year** and include a write up of their experiences with pictures
 - c. Each student must document at **least 2 hours** of participation in an industry engagement **per year, which** could include seminars, trade shows, etc.
 - d. Each student must include a weekly summary of their internship activities in the portfolio including pictures and captions.
 - e. Students will work with their employer to develop a project or research paper that relates to their internship experience. There are many potential projects including developing marketing materials, coordinating an event, being a lead designer on a project, compiling educational materials, data collection, analysis, etc. Students should work with the employer to develop a project where the student takes primary responsibility or works independently to help the company or institution further their mission. The project must be documented in a professional manner via written report/paper or summary in their portfolio. If the employer does not offer the opportunity for a job-linked project, the student may instead do a project on a topic of interest related to their area of study.
 - f. Each student must include documentation to support **each** program-learning outcome for the degree and/or certificate they are seeking in the horticulture program. Examples of documentation could include a major assignment, project, certificate, or paper that they complete during a class. Examples of documentation will be developed and posted for students on the horticulture internship website.
 - g. The current rubric for Internship Portfolios will be updated and revised to reflect these additional requirements.
 - h. Students will submit an electronic portfolio for their internship
 - i. A committee made of horticulture staff and/or advisory board members will review these portfolios to assess student-learning outcomes in the program and propose any new program improvements.
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- In spring 2020, the Landscape Contracting and Management Program at College of DuPage was approved through the National Association of Landscape Professionals (NALP) as a provider for the National Apprenticeship Program. We are working with the Illinois Landscape Contractors Association to put together an Apprenticeship agreement with local companies as well as working with Project Hire Ed to create a department Apprenticeship program at College of DuPage.
 - The department identified program-learning outcomes for each degree and certificate, which were approved through the advisory committee in fall 2018. These are posted for all students on the horticulture website. <http://cod.edu/programs/horticulture/index.aspx> . These will also be utilized in program review and assessment each year.
 - In spring 2020, the Landscape Contracting and Management Program at College of DuPage was approved through the National Association of Landscape Professionals (NALP) as a provider for the National Apprenticeship Program. In Spring 2021 we launched an Apprenticeship program in conjunction with the Illinois Landscape Contractors Association and COD Project Hire Ed. We had approximately 8 companies that showed interest in this program and had 1 student apprentice this past year. We are continuing to market this new apprenticeship program and hope to increase numbers in the upcoming year. Working on increasing company participation, working with current students and reaching out to high schools to try to recruit new apprentices into the program. <https://www.cod.edu/academics/programs/horticulture/apprenticeship.aspx> Currently there are 7 apprenticeship tracks students can sign up for.
 - Completed the Perkins Program of Study Application in Fall 2021 and submitted for approval through the Illinois Community College Board. Approved December 2021.
 - We are working on new additional programs of study and dual credit opportunities with Lyons Township High School, Reavis High School, Geneva High School, St. Charles East High School and Barrington High School in FY21 and FY22. Also meeting with Science Department at Glendbard West High School on new Introduction to Horticulture Course and Dual Credit Opportunity.
 - Curriculum changes – Added a new Plant Breeding Course for Fall 2022 and a new Plant Communities Management/Stewardship Class for Summer 2022. New Plant Breeding Course will be a Horticulture Elective and new requirement in Greenhouse Management Certificate. A study abroad course Hort 1800 (2 credits) was approved to Ireland for Fall 2022.....Experience the rugged and beautiful Wild Atlantic Way on Ireland's west coast where we will spend time exploring rolling green landscapes, seascapes, forests, and waterfalls while learning about the ecology of the area and how we can all protect our precious natural outdoor spaces. We will visit castles, ruins and immerse the group in Irish culture, music, history, and folklore inspired by the landscape while we enjoy the warm hospitality the Irish people are known for. We will also visit community gardens to learn and lend a hand, enjoy delicious farm-to-table meals, and learn about local foods. This journey will allow participants to explore, to gain cultural insights and learn about sustainable growing methods.
 - Approved Fall 2021 to hire a new part-time lab assistant in Sustainable Urban Agriculture through the Perkins FY22 grant. New lab assistant will be hired spring 2022 and work approximately 24 hours a week.
 - Horticulture Club continues to grow over the past two years with over 85 horticulture students participating in various events and activities throughout the year and participating in various community service projects. One of the largest active clubs on campus. Club meetings held in person and virtual to accommodate student schedules.
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Name of Major(s): Horticulture A.A.S. Degree, Landscape Contracting and Management A.A.S. Degree and Sustainable Urban Agriculture A.A.S. Degree.

We also offer 9 certificates that include Horticulture certificate, Floral Shop Management certificate, Nursery and Garden Center certificate, Greenhouse Management certificate, Landscape Design and Construction certificate, Sustainable Landscapes certificate, Landscape and Turf Maintenance certificate, Sustainable Urban Agriculture certificate and Power Equipment and Technology Certificate.

I. Student Enrollment by:

Horticulture Total Seats, Credit Hours and FTES

Program	Term	FY	Seat Count	Head Count	FTE	Credit Hours
HORT	2016SP	FY16	444	341	77.73	1166
HORT	2016SU	FY16	33	28	6.4	96
HORT	2016FA	FY17	324	183	60	907
HORT	2017SP	FY17	411	282	74	1116
HORT	2017SU	FY17	62	51	11.27	169
HORT	2017FA	FY18	353	201	65.27	979
HORT	2018SP	FY18	449	288	75	1125
HORT	2018SU	FY18	103	72	16.93	254
HORT	2018FA	FY19	387	201	73	1090
HORT	2019SP	FY19	450	315	82	1223
HORT	2019SU	FY19	94	76	17	259
HORT	2019FA	FY20	412	213	78	1176
HORT	2020SP	FY20	620	362	109.4	1633
HORT	2020SU	FY20	102	66	18.53	278
HORT	2020FA	FY21	385	199	72.67	1090
HORT	2021SP	FY21	425	251	74.2	1113
HORT	2021SU	FY21	112	81	19.87	298
HORT	2021FA	FY22	398	230	74.07	1111
HORT	2022SP	FY22	526	356	93.87	1408

Chart: STR044 Report and 10th day enrollment numbers listed on Academic Program Review Team Site

Note: Seat count 2019 to current includes dual credit numbers

Degree Certificate seeking students enrolled in the Horticulture Program

# Declared	Term									
	Degree/Certificate	2019SP	2019SU	2019FA	2020SP	2020SU	2020FA	2021SP	2021SU	2021FA
HORT.AAS	75	50	93	89	28	78	68	33	75	80
HORT.AAS.LAND	9	3	4	8	2	6	5	4	8	5
HORT.AAS.URBAN	11	7	12	12	4	9	12	10	15	15
HORT.CER	19	12	19	12	4	6	13	11	12	20
HORT.CER.FLOR	5	3	6	5		3	3		5	2
HORT.CER.GRDN	3	4	5	5		3	1			
HORT.CER.GRNH	8	5	6	8	1	3	8	2	8	10
HORT.CER.LAND	8	4	11	11	4	8	14	6	11	13
HORT.CER.POWEQ	2		1				1	1	2	2
HORT.CER.SUSTAIN	3	3	3	3	1	2	1	1	4	3
HORT.CER.TURF	3	1	2	1		2				1
HORT.CER.URBAN	6	3	4	2	1	3	3	3	5	5
Grand Total	152	95	166	156	45	123	129	71	145	156

Source: STR118 COD Declared Majors Report in Business Objects

Note: Some Students have multiple majors/certificates declared

Dual Credit Student Enrollment in Horticulture:

	2012SP	2012FA	2013SP	2013FA	2014SP	2014FA	2015SP	2015FA	2016SP	2016FA	2017SP	2017FA	2018SP	2018FA	2019SP	2019FA	2020SP	2020FA	2021SP	2021FA	2022SP	Grand Total
HORT-1100	48		58	10	94	2	87		105		87		99		107		82	16	73	32	115	1015
HORT-1105				15	49	37	30	38	43	7	14	22	8	6	22	11	15		32	32	28	377
HORT-1112			1		2		1															4
HORT-1115					16		16		5		1		9		2		2					51
HORT-1821	2	1	1	2	1		2															9
HORT-1824				1	1		3															5
HORT-2211					3																	3
HORT-2212							1															1
HORT-2300																						18
Grand Total	50	1	60	28	166	39	140	38	153	7	102	22	116	6	131	11	99	16	105	32	161	1483

Source: Business Objects ENR - 512 - Class_Roster_Multiple_Terms_Dual_Credit_Seats

Degree/Certificate Credential Completion in Horticulture Program

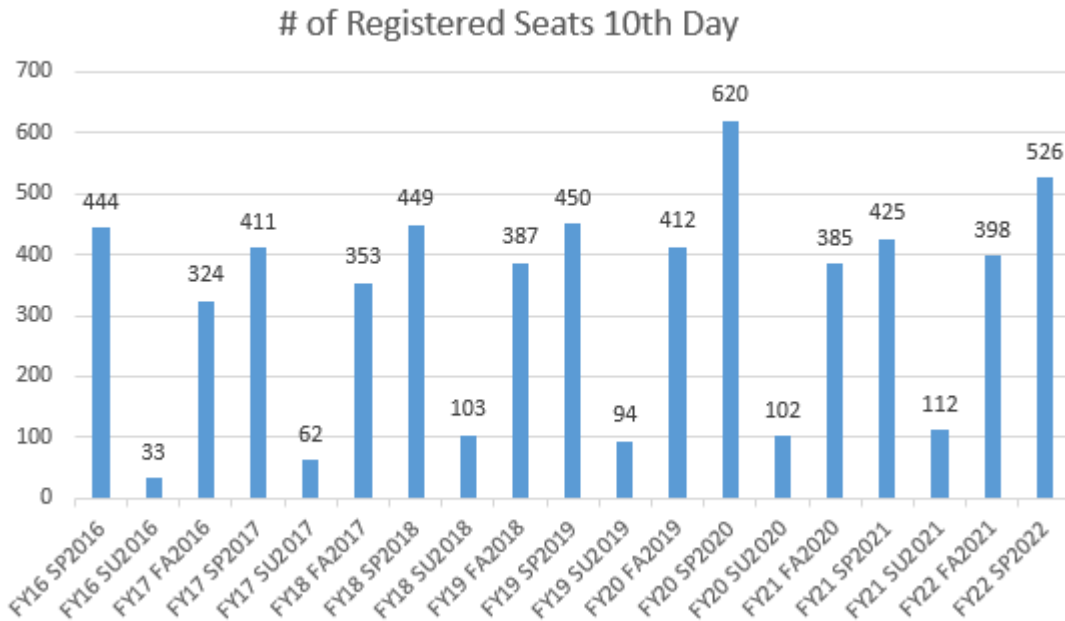
Credential	AY 2015	AY 2016	AY 2017	AY 2018	AY 2019	AY 2020	AY 2021
HORT.AAS	8	9	8	7	10	18	15
HORT.AAS.LAND	0	0	0	0	1	3	1
HORT.AAS.URBAN	0	0	0	0	1	0	0
HORT.CER	4	14	20	8	10	13	12
HORT.CER.FLOR	0	2	1	2	0	4	1
HORT.CER.GRDN	2	0	0	0	3	2	0
HORT.CER.GRNH	1	7	1	2	7	4	2
HORT.CER.LAND	3	3	0	3	3	5	0
HORT.CER.POWEQ	0	0	0	3	2	0	0
HORT.CER.SUSTAIN	8	0	1	7	3	2	2
HORT.CER.TURF	0	1	0	0	2	2	1
HORT.CER.URBAN	0	0	0	1	1	2	0
Grand Total	26	36	31	33	43	55	34
%increase over past AY		38%	-14%	6%	30%	28%	

Non-Degree students enrolled in the Horticulture Program

Program	2019SP	2019SU	2019FA	2020SP	2020SU	2020FA	2021SP	2021SU	2021FA
AA	22		10	15	5	15	7	3	17
ACCOU.AAS			1		1				
ACCOU.CER.BOOK				1		1	1	0	0
ADSGN.AAS						1	1	1	1
AES	1		2	1			1	0	0
AGS	5		6	1	1	5	2	1	1
ARCH.AAS.CADD					1	1	1	0	0
ARCH.AAS.CONST							1		
ART.AFA				1			0	0	1
AS	8	2	8	10		13	7	5	7
AUTO.CER.MSTR							1		1
CIS.AAS.GAMED									1
CIS.AAS.GAMEP			1						
CIS.CER.BUSPRO			1						
CIS.CER.DBPRO		1	1						
CIT.AAS	2								
CIT.AAS.CYBER			1						
CIT.AAS.CIT									1
COSME.AAS	1					1	1	0	0
CRIMJ.AAS	2			1		1	0	0	1
CULIN.AAS.CUART		1							
CULIN.AAS.CULIN			1	1	1	1	1	0	0
CULIN.CER.BAKE	1						0	0	1
CULIN.CER.CUART			1						
DEHYG.AAS	1								
DMIR.AAS							1		
DMIS.AAS	2								
ECEC.AAS	2			1		1	0	0	2
ENGLI.CER.CW									1
FASHI.AAS.DESGN					1		1	1	1
FASHI.CER.DESGN									1
FOODS.AAS.CUART							1		
GRDSN.AAS			1				0	1	0
GRDSN.CER.WEBDE			1				1		1
HOSP.AAS.MGMT	1			1					
HOSP.AAS.REST						1			
HOSP.AAS.TRVL									1
HUMAN.CER		1			1				
HVACR.AAS.HVAC				1					
INTER.AAS	2						0	0	1
LIBRA.AAS				1					
MANAG.AAS	1		1	1		1		0	1
MANAG.CER	1								
MANAG.CER.BEC	2		1				1	0	0
MANUF.AAS.DRAFT									
MANUF.CER.CAD	1								
MANUF.CER.CNC	1								
MARKE.AAS	1			2		1			
MASST.AAS				1					
MASST.CER	1				1				
MPTV.AAS.FILM			1						
MT	10			11		2			
ND	22	9	14	23	11	23	29	17	27
NURSL.AAS	2			3					
PHOTO.AAS.TECH									
PHYTA.AAS	2		1						
SLPA.AAS									1
TE	1			1	1	1			1
TRAV.AAS.PROF	1								
UD	9	1	6	13	3	8	5	2	11
WELD.AAS	1		1				1	0	1
WELD.CER						1			0
GRAND TOTAL	106	15	60	90	27	79	63	32	81

Source: ENR 558 - Class Roster with Student Academic Program

Of Registered Seats 10th Day Student Enrollment in Horticulture:



II. Advisory Committee (Provide Names, Company, City, State & E-mail address)

Co-Chairman's: Scott Grams, Executive Director of the Illinois Landscape Contractors Association and Brian Clement, Horticulture Department Coordinator

First Name	Last Name	Company Name	Title	Address	City	Stat	ZipCode	Email
Brian	Clement	College of DuPage	Coordinator, Associate Professor, Horticulture	425 Fawell Blvd.	Glen Ellyn	IL	60137	clement@cod.edu
Frank	Balestri	College of DuPage	Instructor, Horticulture	425 Fawell Blvd.	Glen Ellyn	IL	60137	balestrif@cod.edu
Scott	Grams	Illinois Landscape Contractors Association	Executive Director **Appointed Advisory Board Chair**	2625 Butterfield Road, Ste 204W	Oak Brook	IL	60523	sgrams@ilca.net
Eric	Gundersen	The Growing Place	Nursery Manager	25W471 Plank Rd.	Naperville	IL	60563	eric_g@thegrowingplace.com
Amy	Hull	College of DuPage	Greenhouse Supervisor	425 Fawell Blvd.	Glen Ellyn	IL	60137	hullamy@cod.edu
Teresa	Dietz	College of DuPage	Horticulture Program Specialist	425 Fawell Blvd.	Glen Ellyn	IL	60137	norrist@cod.edu
Dr. Silvia	Donatelli	College of DuPage	Counselor	425 Fawell Blvd.	Glen Ellyn	IL	60137	donatellis@cod.edu
Marty	Bartz	College of DuPage	Hort Lab Assistant	425 Fawell Blvd.	Glen Ellyn	IL	60137	bartzm@cod.edu
Denise	Walden	Walden Floral Design Company	Owner	1701 Ogden Avenue	Downers Grove	IL	60515	info@waldenfloral.com
Kevin	Goss	Sugar Creek Golf Course	Golf Course Superintendent	500 E. Van Buren	Villa Park	IL	60181	kgoss@epd.org
Richard	Hentschel	University of Illinois Extension	Horticulture Extension Educator	535 Randall Road	St. Charles	IL	60174	hentsche@illinois.edu
Nolan	Moss	Naperville Central High School	Agriculture Teacher/FFA Advisor	440 West Aurora Avenue	Naperville	IL	60540	nmoss@naperville203.org
Natalie (Ali)	Deegan (Dombi)	Horticulture Department Student	Student Representative	1014 S. Ridgeland Ave	Oak Park	IL	60304	nataliedeegan.hu@icloud.com
Dino	Castino	Russo Power Equipment	Sales Manager	9525 W. Irving Park Rd	Schiller Park	IL	60176	dcastino@russopower.com
Tom	Lupfer	Lupfer Landscaping	President	8737 Ogden Avenue	Lyons	IL	60534	tom@lupferlandscaping.com
Steve	Clutter	Central Turf and Irrigation Supply	Account Manager	960 N. Ridge Ave	Lombard	IL	60148	sclutter@centraltis.com
Jeanie	Iseman	The Garden Works Project	Executive Director	103 W. Washington Ave.	West Chicago	IL	60185	jeannie@gardenworksproject.org
Joe	Pizzuto	Landworks, LTD	Owner/Landscape Architect	751 North Bolingbrook Dr, Link 17	Bolingbrook	IL	60440	Joseph@landworkslimited.com
Shannon	McEnerney	Midwest Ground Covers	Product Manager	6N800 IL-25	St. Charles	IL	60174	smcenerney@midwestgroundcovers.com
Zachary	Eubanks	Rolling Meadows High School	Agriculture Teacher/FFA Advisor	2901 Central Rd	Rolling Meadows	IL	60008	kristen.eubanks@d214.org
Rachel	Prescott	Ball Horticulture	Production and Operations Manager	622 Town Road	West Chicago	IL	60185	Rprescott@ballhort.com
Zachary	Rahn	Baralt's Custom Landscapes and Green Thumb Industries	General Laboror/COD Horticulture Alumni Member	2733 Weeping Willow Dr.	Lisle	IL	60531	zrahn26@gmail.com

III. Student Internships since Last Report

Name	Employer	City, State	Job Title	Hourly Wage	Semester
Elizabeth Booth	Dig Right In Landscaping	Westchester, IL	Personal Gardener	\$15.00	Spring 2015
Charmaine Cunningham	Platt Hill Nursery	Bloomington, IL	Greenhouse Intern	\$9.50	Spring 2015
Marcia Jundanian	Mariano's	Western Springs, IL	Floral Designer Level II	\$11.10	Spring 2015
Katherine Stribling	Wasco Nursery	Wasco, IL	Greenhouse/Floral Design Intern	unpaid	Summer 2015
Denise Fauntleroy	Pizzo Native Nursery	Leland, IL	Grower Intern	\$9.25	Summer 2015
Mariusz Bajno	Buffalo Grove Park District	Buffalo Grove, IL	Athletic Fields Technician	\$20.30	Summer 2015
Charles Bell	Hinsdale Nurseries	Hinsdale, IL	Nursery Intern	\$10.00	Summer 2015
Nancy Cinatl	Conservation Foundation	Naperville, IL	Conservation Intern	unpaid	Summer 2015
Andrew Folk	Pan American Seed	Elburn, IL	Breeder Tech/Field Hand	\$12.00	Summer 2015
Maisa Juber	Rent A Gardener, Inc.	Naperville, IL	Intern		Summer 2015
Michael Koma	Darien Park District	Darien, IL	Seasonal Intern	\$10.35	Summer 2015
Daniel Micholson	Chicago Cubs Wrigley Field	Chicago, IL	Grounds Keeper	\$11.00	Summer 2015
Lisa Peterson	Premier Outdoor Environments	Elmhurst, IL	Design Intern		Summer 2015
Susan Schroeder	Heinz Brothers Greenhouse	St.Charles, IL	Customer Care Heinz Bro Pro	\$10.00	Summer 2015
Victor Stanfield	Ball Horticulture	West Chicago, IL	Seed Lab Technician	\$14.75	Fall 2015
Austin Hartline	Bollingbrook Park District	Bollingbrook, IL	Grounds Worker	\$10.75	Fall 2015
Samantha Olvera	Schaefer Greenhouse Inc	Montgomery, IL	Greenhouse Intern		Spring 2016
David Halvax	Morton Arboretum	Lisle, IL	Plant Production Assistant	\$12.00	Spring 2016
Nancy Lancaster	McAdam Landscape	Forest Park, IL	Garden Center Salesperson	\$11.00	Spring 2016
Jenna Rothaupt	Dig Right In Landscaping	Westchester, IL	Design Intern	\$12.00	Spring 2016
Nathaniel Thomas	McAdam Landscape	Forest Park, IL	Design Intern	\$10.00	Spring 2016
Susan Walsler	The Planter's Palette	Winfield, IL	Staff Specialist Trees & Shrubs	\$9.00	Spring 2016
Steve Kulesza	Naperville Park District	Naperville, IL	Park Specialist	\$18.25	Spring 2016
Cory Lair	Interior Tropical Gardens	Elk Grove Village, IL	Interior Plant Maintenance Tech	\$10.00	Spring 2016
Karen Pacey	Mount Prospect Park District	Mount Prospect, IL	Greenhouse Intern	\$9.00	Spring 2016
Rose Benedict Sears	Schwarz Nursery	Addison, IL	Garden Center Salesperson	\$9.00	Spring 2016
Katherine Stribling	Paragon Flowers	St. Charles, IL	floral design intern		Summer 2016
Lona Sweet	Citizens for Conservation	Barrington, IL	Intern	unpaid	Summer 2016
Julie Miller	Cantigny Park	Winfield, IL	Grower Assistant	\$10.20	Summer 2016
Eric Groh	Lupfer Landscaping	Lyons, IL	Landscape Designer	\$12.50	Summer 2016
Bryan D. Joseph	Midwest Groundcovers LLC	Virgil, IL	Production Intern	\$12.00	Summer 2016
Zachary Michnick	PA Likes Landscape Inc	Plainfield, IL	Landscape Construction/Estimating Itern	\$12.00	Fall 2016
Peter Rundo	Twin Oaks Landscaping	Oswego, IL	Estimator	\$13.00	Spring 2017
Jesus Serna	Up Farms	West Chicago, IL	Intern	non-paid	Spring 2017
Carla Schoger	Elmhurst Park District	Elmhurst, IL	Parks Specialist II - Greenhouse	\$17.16	Spring 2017
Rose Benedict	Schwarz Nursery	Addison, IL	Garden Center Salesperson		Spring 2017
Jonas Pelter	Planter's Palette	Winfield, IL	Grower Assistant	\$9.25	Spring 2017
Kristine Swander	P.A. Likes Landscape Inc.	Plainfield, IL	Design Construction Intern	\$13.00	Spring 2017
Amanda Moss	Chicago Park District	Chicago, IL	Horticulture Worker	\$18.33	Summer 2017
Bridget Smith	Superior Ground Services, Inc.	Downers Grove, IL	Account Manager	\$18.50	Summer 2017
Gannon Siran	Coventry Gardens	Westmont, IL	Crew/Plant Care Assistant	\$13.75	Summer 2017
Travis Urbanick	Green Thumb Lawn Sprinklers	Woodridge, IL	Irrigation & Lawn Technichan	\$15.00	Summer 2017
Joseph Christian	Premier Landscape Company	Lemont, IL	Associate Client Representative & Associate Color Coordinator	\$18.50	Summer 2017
Yasmin Pena	Cresco Labs	Joliet, IL	cultivation intern	\$12.00	Summer 2017
Michael P. Aurelius	Heinz Brothers Garden Center	St. Charles, IL	Plant Maintenance	\$8.50	Spring 2018
Nicole M. Befort	The Organic Gardener	Highland Park, IL	Garden Intern	\$8.75	Spring 2018
Steven A. Eyer	Lombard Park District	Lombard, IL	Horticulture Intern	\$12.50	Spring 2018
Padma V. Tota	Planter's Palette	Winfield, IL	Nursery Garden Center Retail Intern	\$9.00	Spring 2018
Collin L. Zettle	The Growing Place	Aurora, IL	Grower Assistant	\$9.25	Spring 2018
Jorge L. Castillo	College of DuPage Hort Dept.	Glen Ellyn, IL	Hort. Department Student Worker	unpaid	Spring 2018
Thomas R. Eisenhart	Hursthouse, Inc.	Bollingbrook, IL	Design Intern	\$15.00	Spring 2018
Carolyn A. Gange	Midwest Groundcovers	St. Charles, IL	Customer Service/Inside Sales/Marketing Intern	\$12.00	Spring 2018
Zachary A. Johnson	RCOP	Maple Park, IL	Grower Trainee	\$11	Spring 2018
Nicole S. Michener	Planter's Palette	Winfield	Nursery/Retail Intern	\$9	Spring 2018
Kevin A. Sullivan	College of DuPage	Glen Ellyn, IL	Horticulture Student Worker Intern	\$10	Spring 2018
Owen Petray	Wannemakers	Downers Grove, IL	Garden Department Associate	\$12	Spring 2018
Christopher M. Patnaude	Cantigny Park	Wheaton, IL	Forestry Intern	\$13.50	Spring 2018
Debra L. Erber	Lombard Park District	Lombard, IL	Horticulture Intern	unpaid	Summer 2018
Zachary A. Fisher	The Morton Arboretum	Lisle, IL	Gardener	\$15.50	Summer 2018
Vincent M. Juodka	Ball Horticulture	West Chicago, IL	Seed Handler I	\$12.75	Summer 2018
Mary Loechner	Midwest Groundcovers	St. Charles, IL	Customer Service/Inside Sales/Marketing Intern	\$12.00	Summer 2018
Jennifer R. Louisignau	Shamrock Garden	Riverside, IL	Floral Shop Associate	\$11	Summer 2018
David Moulthrop	The Morton Arboretum	Lisle, IL	Plant Breeding Intern	\$12.00	Summer 2018

Kristin Kalamatas	HOPE Program	Springfield, IL	Intern Hope Program Experience	unpaid	Fall 2018
Inez Suen	HOPE Program	Springfield, IL	Intern Hope Program Experience	unpaid	Fall 2018
Jane L. Burke	Lombard Park District	Lombard, IL	Greenhouse Management	unpaid	Fall 2018
Alicia M. Cassidy	Acres Group	Roselle, IL	Landscape and Service Specialist	unpaid	Fall 2018
Robert Hottel	Heritage Prairie Farm	Elburn, IL	Organic Farm Production, Greenhouse and Field	\$12	Fall 2018
Katherine Baker	Illinois Green Industry HOPE Program	Springfield, IL	Program Intern	unpaid	Fall 2018
Joseph Manzara	Cresco	Joliet, IL	cultivation intern	\$12.00	Spring 2019
Madison Konency	Cresco	Joliet, IL	cultivation intern	\$12.00	Spring 2019
David Szymanski	The Growing Place Garden Center	Aurora, IL	Assistant Grower/Propagator	\$12.00	Spring 2019
Max Vercautren	Olde Florida Golf Club	Naples, FL	Golf Grounds Keeper	\$13.00	Spring 2019
Laurie Kimont	Hoy Landscaping	Melrose Park, IL	Landscape Designer/Landscape Design Assistant	\$20.67	Spring 2019
Sandra Sterns	Meyer Landscaping, Inc.	West Chicago, IL	Intern	\$10.50	Spring 2019
Benjamin DeSalvo	Arlington Heights Park District	Arlington Heights, IL	Park Grounds Worker	\$12.00	Summer 2019
Elaina Blankenhagen	Foliage Design Systems	Lombard, IL	Landscape Design Intern	\$14.00	Summer 2019
Kori Witte	The Green Branch	Glen Ellyn, IL	Floral Shop Associate	\$11.00	Summer 2019
Ronalyn Irle	Wester DuPage Landscaping, Inc.	Naperville, IL	Landscape Design Intern	\$15.00	Summer 2019
Kyle Powroznyk	Wilson Nurseries	Hampshire, IL	Nursery Intern	\$12.00	Summer 2019
Pedro Lopez	Scott Flanagan Landscape	Molena, IL	Landscape Design Intern	\$15.00	Summer 2019
Rosemarie Freeman	Mayslake Village	Oakbrook, IL	Assistant Garden Coordinator	\$15.00	Summer 2019
Andrew Kielion	Pan American Seed Company	Elburn, IL	Facility Assistant	\$11.00	Summer 2019
Kristin Kalamatas	Forest Preserve District of DuPage County	Wheaton, IL	Natural Resource Native Nursery & Restoration Volunteer	unpaid	Summer 2019
William Chinetti	College of DuPage Hort Dept and Grounds	Glen Ellyn, IL	Horticulture Intern- mapping trees and shrubs on campus	\$8.50	Summer 2019
Sam Pruy	Ron Clesen's Ornamental Plants and Greenhouse	Maple Park, IL	Assistand Grower	\$18.50	Summer 2019
Chris Mishevski	Hinsdale Nurseries	Willbrook, IL	Nursery Maintenance Supervisor	\$15.00	Summer 2019
Steven Taft	Ted's Greenhouse	Tinley Park, IL	Greenhouse Intern	\$11.00	Summer 2019
Kelly Warnick	Lizzie's Garden	Naperville, IL	Greenhouse Associate	\$11.00	Fall 2019
Jose Juan Garcia Nunez	Shamrock Hardscape & Restoration	Elburn, IL	Landscape Maintenance and Construction Intern	\$15.00	Fall 2019
Kimberly Mauriello	The Green Branch	Glen Ellyn, IL	Floral Designer	\$11.00	Fall 2019
Pattie Chipman	Heinz Brothers Greenhouse and Garden Center	St. Charles, IL	Planting Assistant	\$10.00	Fall 2019
Daniel Paddack	Heritage Prairie Farm	Elburn, IL	Farm/Microgreen Intern	\$12.00	Fall 2019
Daniel Paddack	Heritage Prairie Farm	Elburn, IL	Organic Farm Production Intern	\$12.00	Fall 2019
Faustina Larko Teye	College of DuPage Greenhouse/Prairie Wheaton Sanitary District	Glen Ellyn Wheaton, IL	Horticulture Student Worker Sanitary District Intern	unpaid	Fall 2019
Marie-Honoree Kadio-Morokro	COD Horticulture Department	Glen Ellyn, IL	Horticulture/COD Prairie Intern	unpaid	Fall 2019
Zachary Rahn	Green Circle Growers	Oberlin, Ohio	Grower Intern	\$13.26	Spring 2020
Angel Martin	Hinsdale Nurseries	Willbrook, IL	Landscape Design Intern	\$15.00	Spring 2020
Renee Melant	Hinsdale Nurseries	Willbrook, IL	Landscape Maintenance Assistant	\$20.00	Spring 2020
Astrid Laimins	Forest Preserve of DuPage Natural Resources	West Chicago, IL	Pre-Professional in Native Nursery Intern	unpaid	Spring 2020
William Bergthold	Midwest Groundcovers	Maple Park, IL	Plant Propagator	\$12.00	Spring 2020
Hector Marroquin	Streamline Landscape	Willow Springs, IL	Field Support Trainee	\$15.00	Spring 2020
Udayabhanu Bolleddu	COD Horticulture Department	Glen Ellyn, IL	Horticulture Student Worker	unpaid	Spring 2020
Claire Lizak	Lombard Park District	Lombard, IL	Seasonal Horticulture Intern	\$11.00	Spring 2020
John Kilinski	Midwest Groundcovers	St. Charles, IL	Nursery Intern	\$12.00	Spring 2020
Mallory Bryson	Cantigny Park Greenhouse	Wheaton, IL	Plant Production Technician	\$14.00	Spring 2020
Maxwell Bolanz	Lizzie's Garden	Naperville, IL	Horticulture Greenhouse Intern	\$8.25	Spring 2020
Mathhias Gilsdorf	Heritage Prairie Farms	Elburn, IL	Farmhand	\$15.00	Spring 2020
Marcie Roncone	Midwest Ground Covers	St. Charles, IL	U-Pick Yard Supervisor	\$12.00	Spring 2020
William Chinetti	COD Horticulture Department	Glen Ellyn, IL	COD Campus Tree Inventory		Summer 2020
Grace Burkard	Nathan Wright Landscape Design	Oak Park, IL	Landscape Project Team Member	\$13.00	Summer 2020
Janel Grella	Tommy Pollina Landscape	Mt. Prospect, IL	Landscape Consultation/Sales	\$18.00	Summer 2020
Jorge Castillo	Castillo Landscapes	Elk Grove Village, IL	Landscape Maintenance and Construction Laboror	\$20.00	Summer 2020
Timothy Hughes	Planit Landscape Perspectives, LLC	Downers Grove, IL	Landscape Intern	\$15.00	Summer 2020
Simona BruzYTE	The Resiliency Institute	Naperville, IL	Forest Garden Friends Program Coordinator	unpaid	Summer 2020
William Chinetti	COD Horticulture Department	Glen Ellyn, IL	COD Campus Tree Inventory		Fall 2020
James Roberts	Zen Leaf Dispensary	St. Charles, IL	Patient Care Advisor	\$14.00	Fall 2020
Nancy Whiting	Mayneland Farms	Naperville, IL	Field Worker- Grower	\$12.00	Fall 2020
Juan Carlos Fabela	Midwest Ground Covers	St.Charles, IL	U-Pick Yard Supervisor	\$12.00	Fall 2020
Sara Earhart	Bollingbrook Park District	Bollingbrook, IL	Groundworker for NRHT	\$17.45	Spring 2021
Aleksandra Bednarz	Neal Mast and Son Greenhouse, Inc.	Grand Rapids, MI	Garden Center Merchandiser	\$14.00	Spring 2021
Theo Glaser	Chicago Aquaponics LLC	Elk Grove Village, IL	Aquaponics Intern	unpaid	Spring 2021
Amy Vasilopoulos	Heritage Prairie Farms	Elburn, IL	Seasonal Farm Hand	\$15.00	Spring 2021
Gray Schekhtayan	Platt Hill Nursery	Bloomington, IL	Perennial Sales Assistant	\$14.00	Spring 2021
Josefine Woods	Midwest Ground Covers	Maple Park, IL	Greenhouse Intern	\$13.00	Spring 2021
Josefine Woods	Chicago Aquaponics LLC	Elk Grove Village, IL	Aquaponics Intern	unpaid	Spring 2021
Adrienne Payette	Cantigny Park	Wheaton, IL	Garden Technician	\$14.00	Spring 2021
Carol Scapin	Association for Individual Development	Elgin, IL	Volunteer and Internship Management	unpaid	Spring 2021
Kade Fortuna	Platt Hill Nursery	Bloomington, IL	Assisstant Nursery Grower	\$12.00	Spring 2021
Samuel Velasquez	Chicago Aquaponics LLC	Elk Grove Village, IL	Master Grower Technician	unpaid	Spring 2021
Matthew Raymond	Ball Seed	West Chicago, IL	Grower	\$10.00	Spring 2021
Miranda Ross	Mayneland Farms	Naperville, IL	Farmhand	\$12.00	Spring 2021
Scott Pini	Village of Lombard	Lombard, IL	Urban Forestry Technician	\$31.00	Spring 2021
Nick Feltes	Morton Arboretum	Lisle, IL	Horticulture Intern	\$17.00	Spring 2021
Ian Boswell	Chicago Aquaponics LLC	Elk Grove Village, IL	Master Grower Technician	unpaid	Spring 2021

David Bartkiewicz	Chicago Park District	Chicago, IL	Floriculture Intern	\$20.04	Summer 2021
Grant Westberg	Ron Clesens Ornamental Plants	Maple Park, IL	Greenhouse Grower Assistant	\$14.00	Summer 2021
Joseph Dalcerro	Bartlett Hills Golf Club	Bartlett, IL	Grounds Crew Intern	\$11.75	Summer 2021
Omar Lopez	Midwest Ground Covers	Maple Park, IL	Greenhouse Production Intern	\$13.00	Summer 2021
Tyler Easter	Klein's Quality Produce, LLC	Burlington, IL	Sustainable Urban Ag Intern	\$11.00	Summer 2021
Cameron Cooley	Forest Preserve District of DuPage County	Warrenville, IL	Seasonal Ranger	11.5	Summer 2021
Natalie "Ali" Dombi	SME Landscaping and Gardens	Chicago, IL	Landscape and Garden Specialist	\$16.00	Fall 2021
Ashley Renteria	Foam and Floral	Chicago, IL	floral design intern	unpaid	Fall 2021

Intern Hourly Wage Information 2021 How Many Students in Each Range?

\$1 - \$9	0
\$10- \$19	15
\$20 - \$29	1
\$30 - \$39	1
\$40 - \$49	0
\$50 and Above	0
Unpaid	6

Internship Success Stories

Michael Aurelius, Horticulture Student “ My internship has opened many doors for me, by allowing me to gain industry knowledge and experience while in school. Going to a NALP Accredited school has provided me with extra tools and resources to help me with my career. ”

Elaina Blankenhagen, Horticulture Student “I had such a broad exposure due to the nature of this company. I learned how to write many job proposals, do estimating, and calculating materials/labor costs for jobs. My sales and marketing skills and abilities have improved. My way of going about the design process has been transformed. ”

IV. Professional Practice – All Green Industry Meetings Attended by Students (indicate the number of that attended each event) or Faculty since Last Report

Professional Meeting / Department Tours/Recruitment Event	Location	Date(s)	Attendee, Presenter, Coordinator, Other
ILandscape Trade Show and Education	Schaumburg, IL	February 1-3, 2017	125 students, 4 faculty/staff attended, Roy Diblik presented
National Seed Open House	Lisle, IL	March 10, 2017	15 students, 1 faculty/staff attended
National Collegiate Landscape Competition at Brigham Young University Provo	Provo, Utah	March 15-18, 2017	19 students, 2 faculty/staff attended
Vocational Skills Tour	COD Greenhouse	March 23, 2017	2 teachers, 6 students, organized by Susan Landers
Equipment & Engine Training Council EETC annual Conference	Virginia Beach, VA	April 5 - April 8, 2017	1 faculty attended
Technology Center of DuPage 7th Grade Career Fair	Addison, IL	April 5, 2017	2 faculty/staff attended
IAVAT Conference	Normal, IL	June 20 -23, 2017	1 faculty attended
Darwin Perennial Days	West Chicago, IL	June 21, 2017	4 students attended
Ball Summer Field Days	West Chicago, IL	July 28, 2017	12 Students attended
ILCA Summer Field Days	Glen Ellyn, IL	August 10, 2017	75 students, 4 faculty/staff attended, presented department tours, hosted annual event
Michigan Plant Tour	Michigan sites	August, 2018	2 staff
ILCA 9th Annual Turf Education Day	Glencoe, IL	September 21, 2017	2 students, 2 faculty/staff attended, Larry Cammarata Presented
ILCA Impact Conference - Building Sustainable Landscapes	Glencoe, IL	October 17, 2017	4 students attended
IACCAI Illinois Association of Community college Instructors Annual Conference & Ag Articulation Conference	Salem, IL	October 12 - 13, 2017	1 faculty attended
GIE + Expo + Landscapes 2017 Conference	Louisville, KY	October 18-21, 2017	Hardscape Competition
Technology Center of DuPage 2017 College and Career Day	Addison, IL	November 17, 2017	1 faculty/staff attended
National ACTE Conference	Nashville, TN	December 6 - 9, 2017	1 faculty attended
ILandscape Trade Show and Education	Schaumburg, IL	January 31 - February 2, 2018	165 students, 4 faculty staff attended, Roy Diblik and Larry Cammarata presented
Unilock Contractor Update Training Seminar	Aurora, IL	March 1, 2018	5 students attended, 2 faculty/staff attended
National Seed Open House	Lisle, IL	March 9, 2018	5 students attended, 1 faculty
National Collegiate Landscape Competition at Alamance Community College	Graham, NC	March 14 - 17, 2018	13 students, 2 faculty/staff attended
Chicago Flower and Garden Show	Chicago, IL	March 14 - March 18, 2018	8 students, 1 faculty/staff attended, department display
ILCA Field Staff Skills Training	Grayslake, IL	March 15 - 16, 2018	1 student attended
Equipment & Engine Training Council EETC annual Conference	Auburn, AL	April 11 -14, 2018	1 faculty attended
Sandburg School Kindergarten Classes Tour	Wheaton, IL	May 1, 2018	2 staff, 64 kids 3 teachers
YMCA 3 and 4 year old camp tours	COD Greenhouse	May 1, 2018	2 staff, 2 teachers 2 classes approx 25 kids each
ICPI Interlocking Concrete Pavement Institute Educator Training	Chantilly, VA	July 9 - 11, 2018	1 faculty attended
AmericanHort Cultivate18 Conference	Columbus, OH	July 14 - 17, 2018	2 faculty/staff attended
Darwin Perennial Days	West Chicago, IL	July 20, 2018	1 faculty/staff attended, 6 students
ILCA Summer Snow Days Conference	St.Charles, IL	July 25 - 26, 2018	3 students attended
Ball Summer Field Days	West Chicago, IL	July 27, 2018	11 students attended
College of Dupage Horticulture Dept BioControls Short Course	Glen Ellyn, IL	August 8 - 9, 2018	3 faculty/staff attended, 6 students attended Bob Hamrick presented
Midwest Trading	Maple Park, IL	September 11, 2018	11 students attended, 2 faculty/staff attended
ILCA Turf Education Day (TED)	Glencoe, IL	September 27, 2018	2 students attended, Larry Cammarata Presented
Articulation Conference	Matoon, IL	October 11 -12, 2018	2 faculty attended
ILCA Impact Conference - Building Sustainable Landscapes	Glencoe, IL	October 16, 2018	7 students attended

GIE + Expo + Landscapes 2018 Conference	Louisville, KY	October 16 - 20, 2018	5 students attended, 2 faculty/staff attended
Wheaton Warrenville South Transitions Fair	Wheaton, IL	October 23, 2018	2 staff, open house
Illinois Green Industry Association HOPE Program Spring Grove Nursery	Mazon, IL	October 17, 2018	5 students attended
STIHL Silver Certification Class	Glen Ellyn, IL	November 6 - 7, 2018	hosted event
Illinois Green Industry Association HOPE Program Kankakee Nursery Co.	St.Anne, IL	November 8, 2018	5 students attended
ILCA Annual Party and Member Meeting	Aurora, IL	November 8, 2018	1 faculty attended, 2 adjunct faculty
Perennials in Focus	West Chicago, IL	November 15, 2018	1 staff attended
Continuing Education Sage Tour (yearly)	COD Greenhouse	November	2 staff, 25 senior community members
National ACTE Conference	San Antonio, Texas	November 28 - December 1, 2018	1 faculty attended
Illinois Pesticide Licensing ReCertification/Exam	DeKalb, IL	January 8, 2019	4 faculty/staff attended
Illinois Green Industry inVigorate Conference	Normal, IL	January 14-15, 2019	5 students, 4 faculty/staff attended
ILandscape Trade Show and Education	Schaumburg, IL	January 30 - February 1, 2019	102 students attended, 2 faculty, 2 staff attended, Roy Diblik presented
Techo Block Manufacture Contractor Seminar	Naperville, IL	February 13, 2019	2 faculty, 1 student attended
Countywide Institute Day	COD Greenhouse	March 1, 2019	4 faculty/staff, 41 teachers
Maine West High School Presentation	DesPlaines, IL	March 8, 2019	1 faculty
National Seed Open House	Lisle, IL	March 8, 2019	2 faculty/staff
Illinois Green Industry Association HOPE Program Pizzo Native Plant Nursery	Leland, IL	March 21, 2019	4 students attended
Willowbrook High School Career Fair	Willowbrook, IL	March 21, 2019	2 faculty/staff attended
National Collegiate Landscape Competition at Colorado State University	Fort Collins, CO	March 19 - 23, 2019	19 students attended, 2 faculty/staff attended
Equipment & Engine Training Council EETC annual Conference	Portland, OR	April 3 - 6, 2019	1 faculty attended
Early Childhood Tour	COD Greenhouse	April 4, 2019	2 staff, 22 students 2 teachers
Technology Center of DuPage 7th Grade Career Fair	Addison, IL	April 9, 2019	2 faculty/staff, approx 150 students
Illinois Green Industry Association HOPE Program Possibility Place Nursery	Monee, IL	April 10, 2019	4 students attended
COD Horticulture Department Community Service Project with Wheaton Park District	Wheaton, IL	April 19, 2019	2 faculty, 1 staff, 5 students attended
Illinois Pesticide Licensing Testing	DeKalb, IL	April 25, 2019	1 faculty attended
Wheaton Park District Native Plant Sale Volunteer Opportunity	Wheaton, IL	April 26-27, 2019	3 students attended
Faculty spoke to District 214 and 211 high school counselors and teachers	Elgin, IL	April 24, 2019	1 faculty attended and served on Lunch Panel Discussion
O'Neill Middle School Tours	COD Greenhouse	April 26, 2019	4 faculty/staff approx 80-100 students
College of DuPage StemCON Horticulture Booth	Glen Ellyn, IL	April 27, 2019	1 faculty, 2 staff attended, 7 students helped out with event
TEC Spotlight	Glen Ellyn, IL	April 30, 2019	4 faculty/staff
Girl Scout Tour	COD Greenhouse	May 22, 2019	2 staff, 1 leader, 3 parents, 6 scouts
University of Illinois Extension State Horticulture Team Visit to COD Department	Glen Ellyn, IL	June 5, 2019	2 faculty/2 staff (14 visitors for tour)
Perennials in Focus Summer Meeting	Glen Ellyn, IL	June 13, 2019	2 faculty/staff, 15 members
ILCA FLIP Committee Meeting	Oakbrook, IL	June 14, 2019	2 faculty attended
ILCA Education Committee Meeting	Oakbrook, IL	June 18, 2019	1 faculty attended
Darwin Perennial Days Ball Horticultural	West Chicago, IL	June 19, 2019	2 faculty/staff
2019 Landscape Irrigation Faculty Academy Rutgers University	New Brunswick, NJ	June 20-22, 2019	1 faculty will be attending
Seed Your Future Recruitment Summit	Long Wood Gardens, PA	June 26-28, 2019	1 faculty/1 staff attended
Gen Cyber Tour	COD Greenhouse	July 4, 2019	2 staff (visitors for tour)
Gen Cyber Tour	COD Greenhouse	July 11, 2019	2 staff (visitors for tour)
Gen Cyber Tour	COD Greenhouse	July 18, 2019	2 staff (visitors for tour)
ILCA Education Committee Meeting	Oakbrook, IL	June 23, 2019	1 faculty
Ball Customer Field and Landscape Day	West Chicago, IL	July 26, 2019	1 faculty/ 6 students
ILCA Summer Field Days / Recruitment Table	Wonder Lake, IL	August 1, 2019	2 faculty/ 11 students
ILCA Education Committee Meeting	Oakbrook, IL	August 27, 2019	1 faculty attended
DuPage County Farm Bureau Ag Literacy Meeting	Carol Stream, IL	September 9, 2019	1 faculty attended
ILCA FLIP Committee Meeting	Oakbrook, IL	September 20, 2019	2 faculty attended
ILCA Education Committee Meeting	Oakbrook, IL	September 24, 2019	1 faculty attended
Sustainable Design Class Pam McClelland	COD Greenhouse	September 24, 26, 2019	2 faculty/staff, 30 students 1 instructor
Early Childhood Class Tour	COD Greenhouse	September 25, 2019	2 staff, 15 COD students, 1 instructor
St James School 3rd and 4th grade classes	COD Greenhouse	September 27, 2019	2 staff, 40 students 2 teachers
Gardenworks Fundraiser, floral designs by students, student guest speakers, staff tours	COD HORT Labs, Street Scene HEC	September 28, 2019	1 faculty, 6 Hort Students
IACCAI Illinois Association of Community college Instructors Annual Conference & Ag Articulation Conference	Peoria, IL	October 10-11, 2019	2 faculty attended
Hosted In-Service Session for COD employees	COD Greenhouse	October 15, 2019	4 faculty/staff, 40 employees
2019 Landscapes Conference, GIE Expo and Hardscape North America Conference	Louisville, Ky	October 15-18, 2019	2 faculty, 1 staff, 2 students attended
NALP Faculty Forum at 2019 Landscapes Conference	Louisville, Ky	October 17, 2019	2 faculty, 1 staff attended
Impact Conference ILCA	Glencoe, IL	October 22, 2019	2 faculty/staff
ILCA FLIP Committee Meeting	Oakbrook, IL	October 25, 2019	2 faculty attended
Perennials in Focus	Aurora, IL	November 14, 2019	1 faculty, 1 staff attended
Illinois Landscape Contractors Annual Meeting and Member Dinner	Rosemont, IL	November 14, 2019	1 faculty, 1 student
Technology Center of DuPage Career Fair	Addison, IL	November 22, 2019	1 faculty attended
Continuing Education Sage Tour (yearly)	COD Greenhouse	November 22, 2019	2 faculty/staff, 20 Senior Community Members
Irrigation Show 2019 National Conference	Las Vegas, NV	December 4-6, 2019	2 faculty attended
ILCA FLIP Committee Meeting	Oakbrook, IL	December 13, 2019	1 faculty attended

Illinois Green Industry InVigorateU Conference	Bloomington, IL	January 1, 2020	2 faculty, 2 staff, 6 students attended
2020 iLandscape Conference	Schaumburg, IL	January 29-31, 2020	7 faculty, 3 staff members and 34 students attended
Horticulture Department Spring 2020 Advisory Committee Meeting	Glen Ellyn, IL	February 27, 2020	3 faculty, 4 staff, 1 student attended
ILCA FLIP Committee Meeting	Virtual	March 1, 2020	2 faculty attended
ILCA FLIP Committee Meeting	Virtual	May 8, 2020	2 faculty attended
ILCA FLIP Committee Meeting	Virtual	August 14, 2020	2 faculty attended
Horticulture Department Fall 2020 Advisory Committee Meeting	Virtual	November 5, 2020	3 faculty, 4 staff, 1 student attended
ILCA FLIP Committee Meeting	Virtual	November 13, 2020	2 faculty attended
Articulation Conference	Virtual	December 17-18, 2020	2 Faculty Attended
2021 Illinois Green Industry inVigorate Conference	Virtual	January 1, 2021	2 staff members attended
2021 virtual iLandscape Conference	Virtual	January 1, 2021	2 faculty, 2 staff members and 28 students attended
Horticulture Department Spring 2021 Advisory Committee Meeting	Virtual	February 25, 2021	3 faculty, 3 staff, 1 student attended
Americanhort DIG Conference	Virtual	February 21, 2021	2 staff members attend
COD Horticulture Department Community Service Project with Beds Plus	LaGrange, IL	June 2, 2021	2 faculty, 2 staff members and 18 students attended
ILCA FLIP Committee Meeting	Virtual	July 23, 2021	1 faculty attended
DuPage County Farm Bureau Ag Literacy Meeting	Virtual	September 13, 2021	1 faculty attended
ILCA Committee Fest - Hinsdale Nurseries	Hinsdale, IL	August 5, 2021	3 faculty attended, 2 students
EETC Engine and Equipment Training Council Annual Conference	Louisville, KY	October 18-20, 2021	2 faculty members attended
Landscapes 2021, GIE and Hardscape Expo	Louisville, KY	October 19-21, 2021	3 faculty members attended
IPPS/AHTA/ISHS Conference	Virtual	October 29-30, 2021	1 staff member attended
Hosted the 2021 IACCAI Conference and Industry Tours	Glen Ellyn, IL	November 4-5, 2021	2 faculty, 3 staff attended
Horticulture Department Fall 2021 Advisory Committee Meeting	Virtual	November 9, 2021	3 faculty, 3 staff, 1 student attended
Perkins Community Local Needs Assessment Workgroup	Glen Ellyn, IL	November 17, 2021	1 faculty, 1 staff attended
ILCA FLIP Committee Meeting	Oakbrook, IL	November 19, 2021	2 faculty attended
Technology Center of DuPage College and Career Day	Addison, IL	November 19, 2021	1 faculty, 1 staff attended
Illinois FFA Build Conference Career Fair	Bloomington, IL	November 23, 2021	1 faculty attended
ILCA 2021 Annual Party and Membership Meeting	Rosemont, IL	November 11, 2021	3 faculty, 4 students attended
2021 National Irrigation Conference	Sandiego, CA	December 7-11, 2021	2 faculty attended

V. Creative Works Authored, Co-Authored or Researched by Faculty since Last Site Visit

- Wells, T., Matthews, J., Caudle, L., Lunceford, C., **Clement, B.**, & Anderson, R. (2015). The Infusion of Inquiry-based Learning into School-based Agricultural Education: A Review of Literature. *Journal of Agricultural Education*, 56(4), 169 - 181. doi: 10.5032/jae.2015.04170
- Adjunct Faculty Member, **Roy Diblik** has written and published articles in magazines such as the *At the Lake Magazine*, *Midwest Living Magazine*, and *Martha Stewart Living* and has published a book, "*The Know Maintenance Perennial Garden*".
- Adjunct Faculty Member, **Donna Danielson** has co-authored with Dr. Fredrick Miller, the article called Relative Susceptibility Among Arborvitae Cultivars to Arborvitae Leafminer, *Argyresthia thuilla* (Lepidoptera: Argyresthiidae) in the November 2017 issue of *Arboriculture and Urban Forestry*.
- Adjunct Faculty **Larry Cammarata** has produced various technical "How to" Writing and Training Documents for the National Irrigation Association and serves on the Board of Certification, part of a national team that develops the certification processes within the irrigation industry nationwide and beyond.
- **Balestri, F.** and W.R. Graves. 2016. Pretreatment Effects on Seed Germination: An Interspecific Comparison of Two *Nyssa* spp. *Hort. Sci.* 51:1-4.

VI. NALP – National Collegiate Landscape Competition (NCLC)

Attended 2017 NCLC Competition (March 2017, Brigham Young University, 19 students, 2 faculty)

- 2017 team of nineteen students placed 5th among community colleges and 22nd overall out of 61 community colleges and Universities.
- Nineteen students who attended NCLC from College of DuPage competed in all 28 events, placed 5th overall among community colleges and 22nd overall out of 61 four-year universities and community colleges. Saul Garcia and Christian Garcia placed 2nd overall in the Hardscape Competition. Many Chicagoland sponsors assisted in funding this year's trip to the competition, including Illinois Landscape Contractors Association, James Martin Associates, Inc., Hunter Irrigation, Russo Power Equipment, Unilock, Elmhurst Dental, P.A. Likes Landscape Company, STIHL, Ball Horticulture, The Growing Place, Acres Group, Coventry Gardens,

Landscape Design Association, Midwest Ground Covers, Midwest Trading, Walden Floral, Platt Hill Nursery, Villa Park Ace Hardware, and Streamline Landscaping, Inc.. Students raised over \$5,000 from local sponsors.

- Saul Garcia and Christian Garcia placed 2nd overall in Hardscape Installation



Attended 2018 NCLC Competition (March 2018, Alamance Community College, 13 students 2 faculty)

- 2018 team of thirteen students placed 17th overall out of 65 Community Colleges and Universities, 4th highest Community College in the country.
 - Rafael Zavala placed 14th overall in the nation
 - Jorge Castillo placed 55th overall in the nation
 - Joseph Christian placed 62nd overall in the nation
 - Top ten in six competitions including 2nd place overall in Tractor Loader Backhoe Operation, 6th place overall in Small Engine Repair, 7th place overall in Employee Development, 8th place overall in Computer Aided Landscape Design, 8th place overall in Irrigation Design, and 8th place overall in Business Management.
 - The team would also like to thank their local Chicagoland Industry Sponsors for helping fund the trip this year. Through generous donations from these companies, the team raised close to \$6,500 to pay for part of their trip to North Carolina. Companies include Illinois Landscape Contractors Association, Hunter Irrigation, Russo Power Equipment, Mississippi Valley Stihl, Sebert Landscaping, Ball Horticulture, The Growing Place, Midwest Ground Covers, Midwest Trading, Landscape Design Association, Acres Group, Platt Hill Nursery, Unilock, and De Vroomen Flowers, Bulbs, and Perennials, and Coventry Gardens, LTD.

■



Attended 2019 NCLC Competition (March 2019, Colorado State University, 19 students, 2 faculty)

- 2019 team of nineteen students placed third overall in the competition among community colleges and fourteenth overall among 64 community colleges and Universities combined.
 - Elaina Blankenhagen placed 3rd overall in 3D Design
 - Andrew Kielion and Daniel Stantz placed 7th overall in irrigation troubleshooting
 - Timothy Follin and Rafael Zavala placed 8th overall in Landscape Maintenance Operations
 - Daniel Stantz placed 8th overall in Small Engine Repair
 - Daniel Paddack and Brandon Spencer placed 8th overall in Business Management
 - Timothy Follin and Brett Somogyi placed 8th overall in Truck and Trailer
 - Gannon Siran placed 9th overall in Interior Landscape Design
 - Gannon Siran placed 12th overall in Computer Aided Design

- Gannon Siran placed 12th overall in Plant Problem Diagnosis
 - Daniel Stantz placed 13th overall in Irrigation Design
- Expenses for the trip are covered through the Horticulture Department Budget, Perkins Funding and industry sponsorships. It costs approximately \$975 for one student to attend the NCLC trip. Students cover the cost of their registration fees, which is \$130.00.
 - Major local industry sponsors that financially supported the 2019 College of DuPage Horticulture Team to attend the competition include: Illinois Landscape Contractors Association; Wilson Nurseries and Landscape Supply; Shamrock Hardscapes and Restoration; Hunter Irrigation; Martin Associates, Russo Power Equipment; STIHL, Midwest Ground Covers; Midwest Trading; Foliage Design Systems; Ball Horticulture; Platt Hill Nursery; ALTORFER CAT; Landscape Design Association; The Growing Place; Coventry Gardeners; Alliance Gator; PA Likes Landscape Company; Lurvey Landscape Supply; Acres Group; Family of Bretty Somogyi.



2021 NCLC Virtual Competition Five horticulture students represented College of DuPage in the Virtual Competition held March 15-19, 2021.

- Annual and Perennial Identification – Natalie Dombi, Grazyna McCaugherty, Zach Rahn and Aleksandra Bednarz
- Flower & Foliage Identification – Eduardo Hernandez
- Plant Problem Diagnosis – Eduardo Hernandez and Aleksandra Bednarz
- Safety Management – Eduardo Hernandez

2022 NCLC North Carolina State University Eleven COD Horticulture Students represented College of DuPage and competed in the 2022 National Collegiate Landscape Competition held March 15th through March 19th 2022 at North Carolina State University. The team did a great job and placed 18th overall out of 43 Community Colleges and Universities from across the United States and Canada. The COD team placed sixth out of all the Community Colleges at the competition.

- Christian Schloegel **placed 3rd overall out of 510 students** at the competition and was named one of the Top Three Superstars of the Competition.



- Christian Schloegel and Payton Flach **placed 2nd overall** in Truck and Trailer Operation



- Christian Schloegel and Matthew Fiala **placed 3rd overall** in Landscape Maintenance Operation



- Christian Schloegel **placed 5th overall** in Compact Track/Skid Loader Operation
- Luis Mazariegos and Jennifer Suszek **placed 8th overall** in Arboriculture Techniques
- Aleksandra Bednarz **placed 8th overall** in Exterior Landscape Design
- Payton Flach **placed 9th overall** in Mini Trach Loader Operation
- Derrick Graves **placed 11th overall** in Compact Excavator Operation
- Francisco Garcia and Luis Mazariegos **placed 11th overall** in Irrigation Troubleshooting
- Joseph Huttner **placed 13th overall** in Plant Problem Diagnosis
- Joseph Huttner **placed 14th overall** in Robotics & Technology in Landcape Design and Maintenance
- Aleksandra Bednarz **placed 15th overall** in Sales Presentation
- Christian Schloegel, Mia Olson and Matthew Fiala **placed 16th overall** in Landscape Plant Installation
- Jennifer Suszek **placed 19th overall** in Turf & Weed Identification

A Huge Thanks to our 2022 Industry Sponsors who made this learning experience and trip possible for students through \$7,000 in donations.....

Illinois Landscape Contractors Association, Russo Power Equipment, Midwest Ground Covers/Midwest Trading, Ball Horticulture, Acres Group, Yellowstone Landscape, The Growing Place, Site One Landscape Supply, Platt Hill Nursery, Western DuPage Landscape, Hunter Irrigation/FY Luminaire, Ground Pros Inc., Cedar Path Nurseries, Phillips Interior Plants & Displays, and Greenwise.



Success stories/ testimonials from NCLC

Travis Urbanic, Horticulture Student *“I was able to attend the NCLC Landscape competition to Provo, Utah. That was an experience of a lifetime, because it opened my eyes to how much work there is available out there, as well as different fields of work for the horticulture industry. As someone who isn’t aware how big and great this industry is, NCLC really showed me that and how many endless opportunities there are for me out there in the industry.”*

Debra Erber, Horticulture Student *“It was a very beneficial experience attending the 2018 NCLC landscape competition. Not only was I able to implement and test my current knowledge level, it allowed me to engage in presentations and activities exploring a variety of career avenues previously not considered. In addition, it was very encouraging attending the job fair reviewing the current opportunities and having the opportunity to interview on site.”*

Elijah Millender, Horticulture Student *“The NCLC Landscape Competition was a challenging and great experience in learning about the industry and meeting industry professionals. I met people and made connections all over the country that will last forever. It boosts your confidence in reaching your goals. Overall, it was a great experience for anybody who desires to go into the industry.”*

Brett Somogyi, Horticulture Student *“I really enjoyed the NCLC experience. By connecting me with other students from my school and others, I was able to learn new information and make new friendships. It opens the doors to opportunities that otherwise would not be there.”*

Rafael Zavala, Horticulture Student *“NCLC has benefited me in my career by providing new ways of working and new learning experiences so I can be up to date with the industry. Students should definitely go to NCLC. It is a great learning experience to get involved with the industry.”*

Timothy Follin, Horticulture Student *“NCLC gives me the confidence to further my career and gives me the knowledge and experiences that you would not usually get from the classroom”*

Brandon Spencer, Horticulture Student *“I am thankful for the opportunity. I leave NCLC with the confidence in my abilities and also my future in the Horticulture Industry. I encourage other students to take the opportunity to participate in this event.”*

Dean Poskonka, Horticulture Student *“Coming to the NCLC competition rekindled my desire for this career path.”*

Daniel Paddack, Horticulture Student *“Overall, this was a great experience and I would recommend anyone who has a passion for this industry to attend NCLC. The faculty and staff at COD who made this happen deserve a lot of credit. Because of them, I learned a lot of new skills that will stay with me for life. I got to meet a ton of people who are in this industry including employers, other students with similar interests, major companies and teachers from all over the country.”*

Andrew Kielion, Horticulture Student *“NCLC was an amazing experience. It taught me a thing or two about preparation and the importance of working together as a team. Any student would be lucky to have the experience to attend and compete.”*

Branimira Petkova, Horticulture Student *“NCLC is giving great future opportunities to get to know other colleagues and exchange knowledge/information in the field area. It helped provide more study and practical experience and testing your knowledge in areas you want to work in/specialize in. It also gave me confidence of revealing my true potential.”*

Derrick Graves, Horticulture Student *“This was a great experience and I would recommend this experience to ANYONE in the horticulture program. Try a new event even if you have no idea what it is or never tried it. I would rank this #1. The contacts and connections that you make with other students and industry professionals in the industry at this event is unprecedented”*

Luis Mazariegos Quinteros, Horticulture Student *“NCLC was one of the greatest experiences of my student career. It is a great opportunity for networking. The event also works to test and try different niches in horticulture and helps you figure out what you want to do in the future.”*

Franciso Garcia, Horticulture Student *“ NCLC was one of the best experiences I’ve had during my time at College of DuPage. You meet so many great people and form new relationships. This experience opened my eyes to a new realm of possibilities and provided inspiration that will last a lifetime.”*

Jennifer Suszek, Horticulture Student *“ Students should participate in this event no matter their skill level or year in school. Everyone is open to learning and supporting the students and it is a very positive environment. You will leave with new knowledge and connections that you will benefit you in the future.”*

VII. Scholarships/Awards List all scholarships and awards students received.

Year	Student Name	Scholarship / Awards	Amount
2017	Kristine Swander	Batavia Gardeners Club Scholarship	\$1,000
2017	Mathew Cunneen	Floral Design Memorial Scholarship	\$500
2017	Kristine Swander	Hawthorn Garden Club Scholarship	\$500
2017	Bridget Smith	Hawthorne Garden Club Scholarship	\$500
2017	Susan Walser	Hawthorn Garden Club Scholarship	\$500
2017	Shirlee Berman	NALP Foundation ILT Vignocchi Scholarship	\$1,000
2017	Amanda Moss	Elmhurst Garden Club Scholarship	\$1,000
2017	Amdand Moss	Garden Club of Downers Grove Scholarship	\$1,000
2017	Amanda Moss	Wheaton Garden Club Scholarship	\$750
2017	Ronalyn Irle	Cress Creek Garden Club Scholarship	\$600
2017	Ronalyn Irle	Illinois Landscape Contractors Association Foundation Scholarship	\$5,000
2017	Lisa Erwin-Mertz	Lombard Garden Club Scholarship	\$1,000
2017	Julie Miller	Cress Creek Garden Club Scholarship	\$600
2017	Nathaniel Thomas	Floral Design Memorial Scholarship	\$500
2018	Patti Chipman	Garden Club of Downers Grove Scholarship	\$1,000
2018	Kimberly Bilotich	Elmhurst Garden Club Scholarship	\$1,000
2018	Gannon Siran	Cress Creek Garden Club Scholarship	\$600
2018	Greg Shannon	GED Jump Start Scholarship	
2018	David Augustyn	Ohio Automotive Scholarship	\$1,000
2018	Ronalyn Irle	Elmhurst Garden Club Scholarship	\$1,000
2018	Ingrid Marske	American Association of University Women Scholarship	\$1,000
2018	Brendan Lucas	COD Board of Trustees Scholarship	\$5,000
2018	Brendan Lucas	Glenbard West Scholarship	\$1,000
2018	Alex Liberto	Hawthorn Garden Club of Glen Ellyn Woods Scholarship	\$500
2018	Joyce Papietch	Hawthorn Garden Club of Glen Ellyn Woods Scholarship	\$500
2018	Kristine Swander	Batavia Plain Dirt Gardeners Scholarship	\$1,000

2019	Carolyn Gange	NALP Foundation Scholarship - ILT Vignocchi Scholarship	\$1,000
2019	Bill Bergthold	Hawthorn Garden Club of Glen Ellyn Woods Scholarship	\$500
2019	Andrew Kielion	Hawthorn Garden Club of Glen Ellyn Woods Scholarship	\$500
2019	Andrew Kielion	Batavia Plain Dirt Gardeners Scholarship	\$1,000
2019	Andrew Kielion	AmericanHort Scholar	
2019	Elaina Blankenhagen	American Society for Horticultural Science Outstanding Student in Horticulture	
2019	Angel Martin	Elmhurst Garden Club Scholarship	\$2,000
2019	Angel Martin	Illinois Landscape Contractors Association Foundation Scholarship	\$2,500
2019	David Moulthrop	International Plant Propagators Society IPPS Eastern Region Student Conference Scholarship	
2019	Robert Kugach	International Plant Propagators Society IPPS Eastern Region Student Conference Scholarship	
2019	Marie Kadiomorokro	International Plant Propagators Society IPPS Eastern Region Student Conference Scholarship	
2019	Alex Liberto	Cress Creek Garden Club Scholarship	\$600
2020	Elaina Blankenhagen	NALP ILT Vignocchi Scholarship	\$1,000
2020	Jose Garcia Nunez	NALP David J. Frank Landscape Contracting Career Builder Scholarship	\$1,000
2020	Docia G. Jarecki	Crestview Garden Club Scholarship	\$1,000
2020	Adrienne M. Payette	Crestview Garden Club Scholarship	\$1,000
2020	Adrienne M. Payette	Floral Design Memorial Scholarship COD Foundation	\$500
2021	Samantha Elrod	DuPage County Farm Bureau Scholarship	\$1,000
2021	Simona Bruzyte	Frank and Beverly Ross Scholarship NALP Foundation	\$1,000
2021	Samantha Elrod	COD Presidential Scholarship	\$8,640
2021	Kate Perryman	Illinois Landscape Contractors Association Foundation Scholarship - Mariani	\$2,500

VIII. NALP Student Chapter 2021 List major activities of your Student Chapter.

- Kick-off Barbeque in the fall in Landscape Lab
- Pumpkin Floral Design Event
- Eco-Movie in the Glen Ellyn Park and Sustainability Fair
- Invasive Plant Removal COD Prairie
- Donations/Fundraising
- Roll-up Your Sleeves Day of Action C.O.D. Cares
- Brighten Your Day Event
- Fall Floral Workshop
- Mushroom Log Inoculation Workshop
- N.C. L.C. Student Career Days Team
- Spring and Fall Community Service Activities

IX. Graduate Annual Wage Information Summer 2021 Survey *(based on 8 total graduates responding?)*

The College of DuPage Office of Research & Analytics administered an online survey to Horticulture graduates who had received an Associate of Applied Science degree or certificate between Summer 2019 and Spring 2020 (methods described in Appendix B). Graduates were asked about their experiences at COD, their satisfaction with courses and resources, and their current educational / employment status. Invitations with links to the online survey form were emailed by Research & Analytics to 44 graduates. A total of 8 graduates responded between July 23 and August 10, 2021 (18%).

How Many Students in Each Range?

\$1 - \$9,999	<u>0</u> <u>0%</u>	\$90,000 - \$99,999	<u>0</u> <u>0%</u>
\$10,000 - \$19,999	<u>0</u> <u>0%</u>	\$100,000 and Above	<u>0</u> <u>0%</u>
\$20,000 - \$29,999	<u>0</u> <u>0%</u>		
\$30,000 - \$39,999	<u>0</u> <u>0%</u>		
\$40,000 - \$49,999	<u>0</u> <u>0%</u>		
\$50,000 - \$59,999	<u>0</u> <u>0%</u>		
\$60,000 - \$69,999	<u>0</u> <u>0%</u>		
\$70,000 - \$79,999	<u>0</u> <u>0%</u>		

Note: Only two respondents reported being employed full time. Salary information is only included if at least three respondents share their salaries in the survey.

Graduates Information

Staying in the Industry	4
Leaving the Industry	1
Going to a Graduate Program	0
Going to a Four Year Program	0

X. Graduation Percentage/Certificates Granted Students that Enrolled in the Program and Graduated/Completed All Course Requirements *see below* %

Credential	AY 2015	AY 2016	AY 2017	AY 2018	AY 2019	AY 2020	AY2021
HORT.AAS	8	9	8	7	10	18	15
HORT.AAS.LAND	0	0	0	0	1	3	1
HORT.AAS.URBAN	0	0	0	0	1	0	0
HORT.CER	4	14	20	8	10	13	12
HORT.CER.FLOR	0	2	1	2	0	4	1
HORT.CER.GRDN	2	0	0	0	3	2	0
HORT.CER.GRNH	1	7	1	2	7	4	2
HORT.CER.LAND	3	3	0	3	3	5	0
HORT.CER.POWEQ	0	0	0	3	2	0	0
HORT.CER.SUSTAIN	8	0	1	7	3	2	2
HORT.CER.TURF	0	1	0	0	2	2	1
HORT.CER.URBAN	0	0	0	1	1	2	0
Grand Total	26	36	31	33	43	55	34
%increase over past AY		38%	-14%	6%	30%	28%	

Students in the Horticulture program can also earn various industry recognized credentials/certifications

Horticulture Student	Certification Received	Date	
Frank Muschetto	Briggs & Stratton MST Theory and General Knowledge Exam Certification	11/29/2015	2015
Steven Eyer	Briggs & Stratton MST Theory and General Knowledge Exam Certification	12/14/2017	2017
Larry Borgione	STIHL Bronze Certification	3/8/2018	
Collin Doherty	STIHL Bronze Certification	3/8/2018	
Steven Eyer	STIHL Bronze Certification	3/8/2018	
Dana Howard	STIHL Bronze Certification	3/8/2018	
David Jorns	STIHL Bronze Certification	3/8/2018	
Kim Little	STIHL Bronze Certification	3/8/2018	
Patrick McTee	STIHL Bronze Certification	3/8/2018	
Amanda Moss	STIHL Bronze Certification	3/8/2018	
George Niuro	STIHL Bronze Certification	3/8/2018	
Nelson Perez	STIHL Bronze Certification	3/8/2018	
Scott Pini	STIHL Bronze Certification	3/8/2018	
Lucas Skelnik	STIHL Bronze Certification	3/8/2018	
Daniel Stantz	STIHL Bronze Certification	3/8/2018	2018
Maxwell Verautren	STIHL Bronze Certification	3/8/2018	
Brennan Williams	STIHL Bronze Certification	3/8/2018	
Kurtis Schramer	STIHL Bronze Certification	3/8/2018	
Nicole Befort	OSHA 10 Hour Card	5/18/2018	
Maxwell Bolanz	OSHA 10 Hour Card	5/18/2018	
Joe Christian	OSHA 10 Hour Card	5/18/2018	
Rodney Curry	OSHA 10 Hour Card	5/18/2018	

Nicholas Diacou	OSHA 10 Hour Card	5/18/2018	
Timothy Follin	OSHA 10 Hour Card	5/18/2018	
Charles Genoar	OSHA 10 Hour Card	5/18/2018	
Jason Hammer	OSHA 10 Hour Card	5/18/2018	
Zachary Johnson	OSHA 10 Hour Card	5/18/2018	
Vincent Juodka	OSHA 10 Hour Card	5/18/2018	
Susan Kopczynski	OSHA 10 Hour Card	5/18/2018	
Astrid Lamins	OSHA 10 Hour Card	5/18/2018	
Pedro Lopez	OSHA 10 Hour Card	5/18/2018	
Elijah Millender	OSHA 10 Hour Card	5/18/2018	
Chris Mishevski	OSHA 10 Hour Card	5/18/2018	
Benjamin Monroe	OSHA 10 Hour Card	5/18/2018	
Gustavo Acevedo-Rojas	STIHL Bronze Certification	3/7/2019	
Clayton Beilfuss	STIHL Bronze Certification	3/7/2019	
Ruth Boone	STIHL Bronze Certification	3/7/2019	
Benjamin Desalvo	STIHL Bronze Certification	3/7/2019	
Debra Erber	STIHL Bronze Certification	3/7/2019	
Robert Habbe	STIHL Bronze Certification	3/7/2019	
Robert Hottel	STIHL Bronze Certification	3/7/2019	
Andrew Kielion	STIHL Bronze Certification	3/7/2019	
John Molloy	STIHL Bronze Certification	3/7/2019	
Daniel Paddack	STIHL Bronze Certification	3/7/2019	
Daniel Steeve	STIHL Bronze Certification	3/7/2019	
Mathhias Gilsdorf	Illinois Pesticide License	5/1/2019	
Grace Burkard	OSHA 10 Hour Card	5/17/2019	2019
William Chinetti	OSHA 10 Hour Card	5/17/2019	
Juan Fabela	OSHA 10 Hour Card	5/17/2019	
Janel Grella	OSHA 10 Hour Card	5/17/2019	
Patricia Hayden	OSHA 10 Hour Card	5/17/2019	
Hector Marroquin	OSHA 10 Hour Card	5/17/2019	
Sean Mellin	OSHA 10 Hour Card	5/17/2019	
Sophia Mogavero	OSHA 10 Hour Card	5/17/2019	
Catherine Plass	OSHA 10 Hour Card	5/17/2019	
Dean Poskonka	OSHA 10 Hour Card	5/17/2019	
Maximilian Venchus	OSHA 10 Hour Card	5/17/2019	
Rafael Zavala	OSHA 10 Hour Card	5/17/2019	
Bryan Serrano	Briggs & Stratton Repowering Exam Certification	5/28/2019	
Bryan Serrano	Briggs & Stratton MST Products Exam Certification	6/5/2019	
Bryan Serrano	Briggs & Stratton MST Diagnostics Exam Certification	6/10/2019	
Benjamin Desalvo	OSHA 10 Hour Card	7/21/2019	
Monica Miller	OSHA 10 Hour Card	7/21/2019	
Mallory Bryson	OSHA 10 Hour Card	5/19/2020	
Manuel Gonzales Sears	OSHA 10 Hour Card	5/19/2020	
Marie Kadio Morokro	OSHA 10 Hour Card	5/19/2020	
Andrew Kielion	OSHA 10 Hour Card	5/19/2020	
Kevin Lara	OSHA 10 Hour Card	5/19/2020	
Phillip Lifka	OSHA 10 Hour Card	5/19/2020	
Matthew Mantia	OSHA 10 Hour Card	5/19/2020	
James Marshall	OSHA 10 Hour Card	5/19/2020	
Jose Nieves	OSHA 10 Hour Card	5/19/2020	
Jesus Ortega	OSHA 10 Hour Card	5/19/2020	
James Roberts	OSHA 10 Hour Card	5/19/2020	
Rachel Sterr	OSHA 10 Hour Card	5/19/2020	2020
Nicole Banigan	OSHA 10 Hour Card	7/27/2020	
Annalise Brown	OSHA 10 Hour Card	7/27/2020	
Joey Dalcerro	OSHA 10 Hour Card	7/27/2020	
Ian Hendrick	OSHA 10 Hour Card	7/27/2020	
PJ Hill	OSHA 10 Hour Card	7/27/2020	
Tim Hughes	OSHA 10 Hour Card	7/27/2020	

Andrew Ives	OSHA 10 Hour Card	7/27/2020	
Mary O'Connor	OSHA 10 Hour Card	7/27/2020	
Maurya Orr	OSHA 10 Hour Card	7/27/2020	
Gray Schekhtayan	OSHA 10 Hour Card	7/27/2020	
Samuel Valasquez	OSHA 10 Hour Card	7/27/2020	
Josefine Wood	OSHA 10 Hour Card	7/27/2020	
Simona Bruzyte	OSHA 10 Hour Card	5/25/2021	
Tyler Easter	OSHA 10 Hour Card	5/25/2021	
Liam Garcia	OSHA 10 Hour Card	5/25/2021	
Maximo Gutierrez	OSHA 10 Hour Card	5/25/2021	
Eduardo Hernandez	OSHA 10 Hour Card	5/25/2021	
Fernanda Hernandez	OSHA 10 Hour Card	5/25/2021	
Ronald Kopczynski	OSHA 10 Hour Card	5/25/2021	
Luis Mazariegos Quinteros	OSHA 10 Hour Card	5/25/2021	
Charles Mundy	OSHA 10 Hour Card	5/25/2021	
Ryan Sauers	OSHA 10 Hour Card	5/25/2021	
Amy Vasilopoulos	OSHA 10 Hour Card	5/25/2021	
David Bartkiewicz	OSHA 10 Hour Card	7/26/2021	2021
Aleksandra Bednarz	OSHA 10 Hour Card	7/26/2021	
Seth Brady	OSHA 10 Hour Card	7/26/2021	
Lisa Broccardo	OSHA 10 Hour Card	7/26/2021	
Diane Diaz	OSHA 10 Hour Card	7/26/2021	
Sara Earhart	OSHA 10 Hour Card	7/26/2021	
Elizabeth Johnson	OSHA 10 Hour Card	7/26/2021	
Cam Menaker	OSHA 10 Hour Card	7/26/2021	
Garrett Mercado	OSHA 10 Hour Card	7/26/2021	
Seth Risch	OSHA 10 Hour Card	7/26/2021	
Kristen Yodka	OSHA 10 Hour Card	7/26/2021	
Ryan Young	OSHA 10 Hour Card	7/26/2021	

XIII. Testimonials Related to Foundation and How Accreditation Has Helped Your Program.

Scott Grams, Advisory Board Member Chair/ Executive Director Illinois Landscape Contractors Association *“NALP’s analysis of the College of DuPage’s Horticulture Program reinforced what we already knew: that COD has one of the best programs in the nation. This voluntary step offers the program up for scrutiny to a panel of experts from across the country. Their conclusions help students and parents rest assured that their tuition dollars are well spent and will be recouped after graduation by applying the students’ skills and knowledge to a variety of excellent green industry jobs.”*

Dino Castino, Advisory Board Member *“The NALP accreditation will have significant meaning for the local landscape industry. It will help landscape companies and other businesses like ours identify talented, recognized individuals with a passion to develop and grow our industry. We believe that it will also give more recognition and credibility to the landscape industry much like an auto mechanic has ASE certifications or a business is in good standing with the Better Business Bureau knowing that an NALP accredited member is a part of a particular staff will give consumers and potential clients confidence in the organization that hired them.”*

Richard Hentschel, Advisory Board Member *“As potential students compare College of DuPage to other area Junior and Community Colleges offering horticulture certificate and degree programs, learning that COD has a NALP accreditation will, I believe make a difference in the student’s decision to enroll at COD.”*

Steve Clutter, Advisory Board Member *“The NALP accreditation for the Horticulture Program at College of DuPage has enabled the school to offer more certificates and degrees for those students interested, and then provide capable, knowledgeable, and passionate individuals to grow our industry. Large and small landscape companies are always looking for individuals with the accreditation to provide that knowledge*

and skills in the field as the next generation of landscape professionals.”

Brian Clement, Associate Professor Horticulture *“This accreditation provides national recognition that graduates of COD’s Horticulture program are well-prepared to enter the field with the skills and knowledge they need to not only succeed, but excel in their career in the landscape industry. The program is aligned to meet the standards of the National Association of Landscape Professionals and allows us to make continuous improvements to the program.”*

Zachary Michnick, Horticulture Alumni Member *“The NALP Accreditation has helped the horticulture program at College of DuPage by allowing more people to choose a career that best fits them. Now they offer more degrees and classes to help students prepare themselves to get out in the work field.”*

Carla Ann Schogen, Horticulture Student *“The horticulture department at the College of DuPage is exceptional – from their knowledge and diverse full and part-time instructors, to the wide range of courses, certificates and degrees they offer, to the exceptional technical learning facilities they provide. I have experienced nothing less than a tremendous education during my time as a student in the Horticulture Program. I feel well equipped, confident, and more technically skilled as I continue on my career as a Horticulturalist.”*

Amanda Moss, Horticulture Student *“The accredited program was recognized by others in the Park District. COD has a good reputation for their horticulture offerings.”*

Gannon Siran, Horticulture Student *“I’ve noticed with the NALP Accreditation, the Horticulture department has improved a lot since I started taking classes here a year ago. Many more classes have been added to our curriculum and more degrees have also been added including the Landscape Contracting and Management A.A.S. Degree I am seeking.”*

Travis Urbanick, Horticulture Student *“Giving me the opportunity to learn from others and network with local individuals and companies. It allows the students to expand their knowledge to become aware of how the opportunities and how many different fields of work there are in the Horticulture Industry.”*

Steven Eyer, Horticulture Student *“I have been able to learn about a variety of jobs in the green industry and where my passions are. As students, we are getting an inside track on industry news and trends.”*

Kevin A. Sullivan, Horticulture Student *“It has made the College of DuPage Horticulture Department 1 of 30 in the country to have that distinction, creating more interest and classes to offer.”*

Carolyn Gange, Horticulture Student *“I was able to get a chance to learn directly from a naturalistic gardener as well as learn principles of the nursery business directly while planting, maintaining and learning from gardeners with hands-on experiences.”*

Jennifer Louisignau, Horticulture Student *“The internship program is extremely valuable. It gave me the real world opportunity to apply skills already learned, while building new ones.”*

Nicole Michener, Horticulture Student *“It has opened doors into the Horticulture industry by connecting the college to businesses throughout the region.”*

Robert Hottel, Horticulture Student *“Our NALP accreditation has allowed our school to participate in the National Collegiate Landscape Competition, which gives people amazing opportunities to learn more in the field on a competitive level and meet other students and employers in the industry. As far as my internship experience at COD, I have had nothing but an amazing experience at the college. My internship really allowed me to put what I learned in school to the test. The amount of responsibilities I had for the job was unreal compared to most starting positions. This allowed me to really grow confidence in my abilities.”*

Debra Erber, Horticulture Student “The NALP Accreditation has provided additional sources and contacts along with job opportunities and scholarships for horticulture students. The accreditation is additional recognition for the horticulture program especially when meeting with prospective employers.”

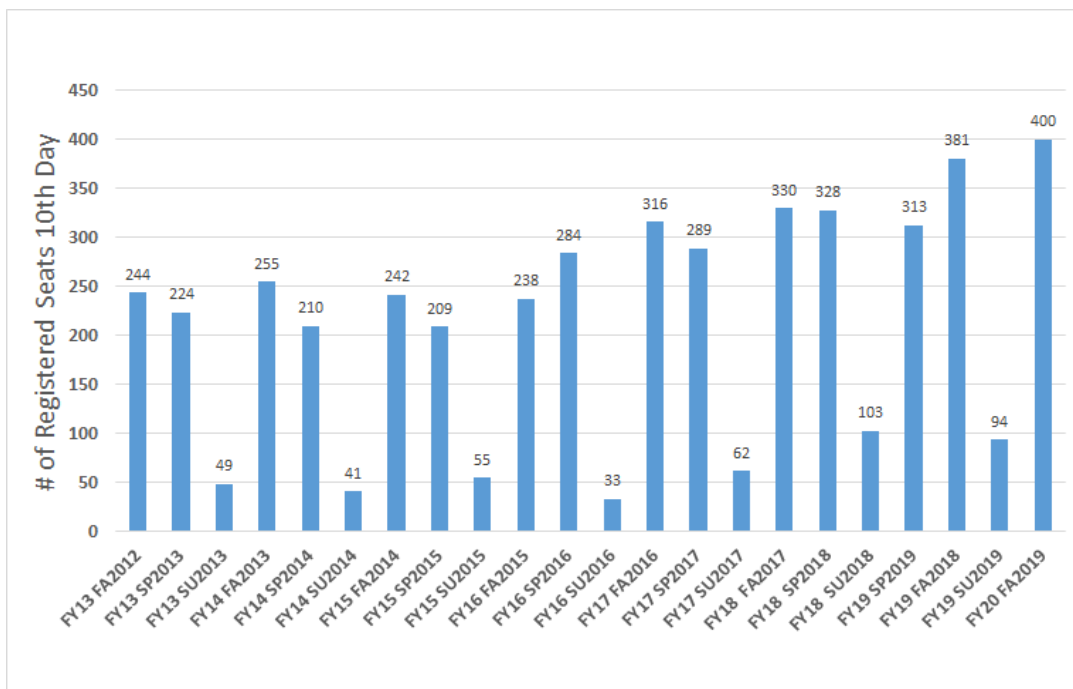
Gray Schekhtayan, Horticulture Student “The NALP Accreditation has helped set industry standards for the program.”

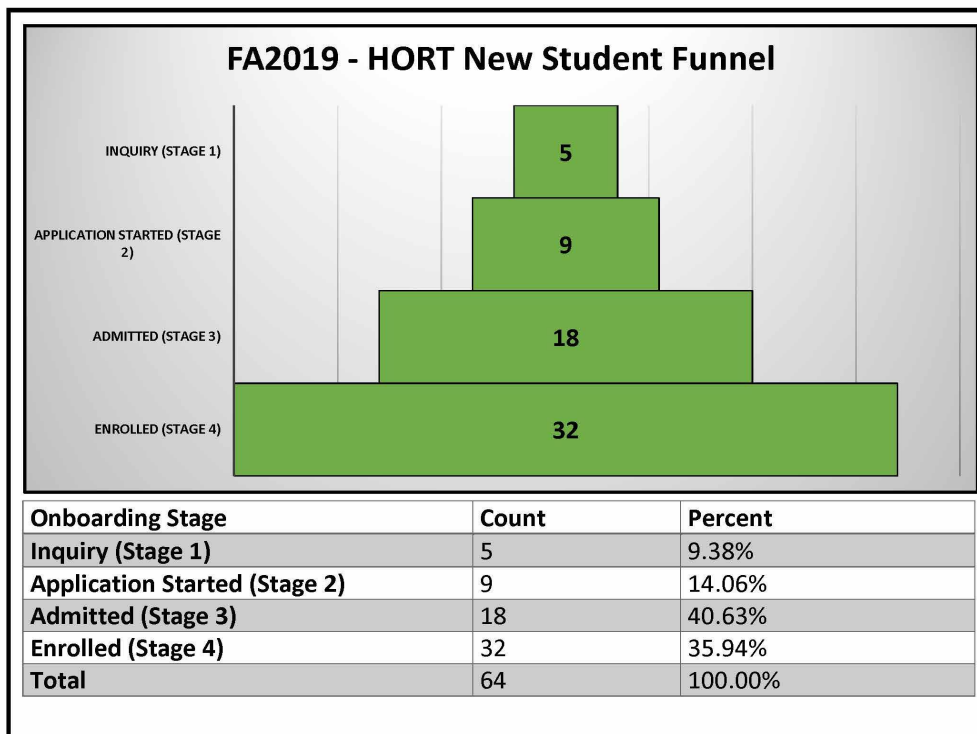
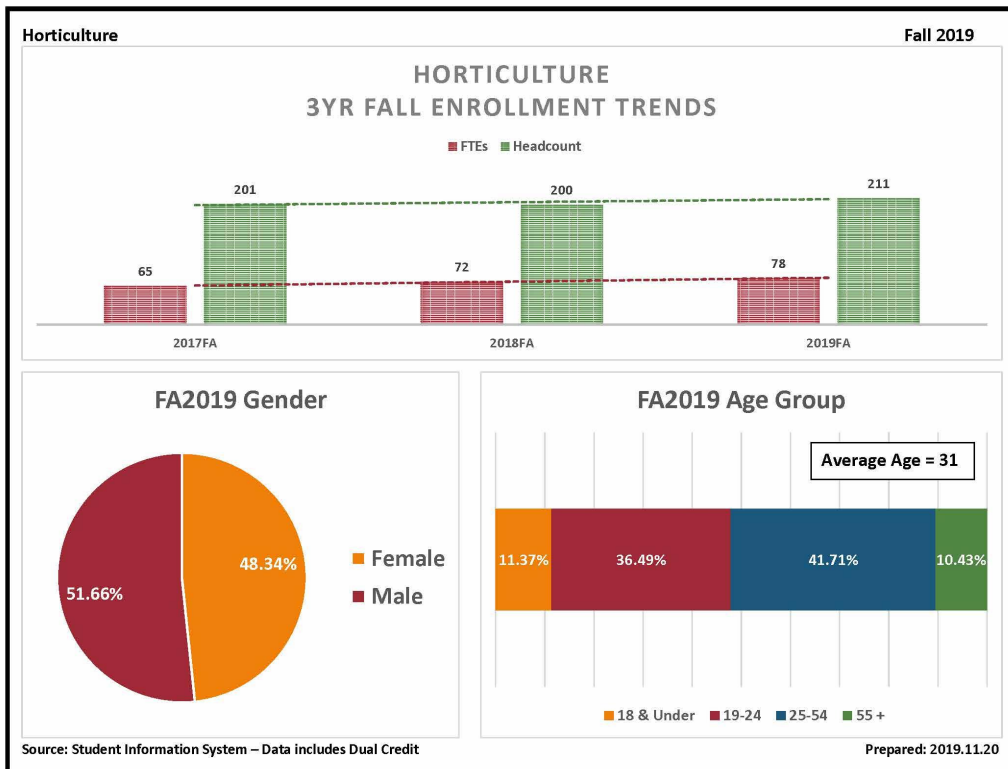
Diane Fisher, Horticulture Student “Employers are empowered by the NCLC Accreditation and highly seek students in such a program for employment opportunities.”

Zachary Rahn, Horticulture Student “There is a program for everyone, and with so many programs and opportunities, you can really find what you are passionate about. Regardless of the outcome, you will take something positive away from the experiences. I am very excited to go out into the world and use my knowledge and experience I gained at College of DuPage in an industry that I love.”

XIV. Success Stories – Please Share All Stories Relating to Students and Faculty in Your Program.

- In fall 2016, the Horticulture Program experienced a 27% enrollment increase from the previous year, the highest program enrollment increase college-wide. In fall 2017, the Horticulture Program experienced an 8% enrollment increase from fall 2016. Spring 2018, the program experience a 13.5% enrollment increase from spring 2017; summer 2018 by a 50% increase over summer 2017; and fall 2018 with an %12 enrollment increase from fall 2017 based on 10th day enrollment numbers. Enrollment in the horticulture program at College of DuPage are the highest they have been since fall 2012 and continue to grow, despite a decline in many Horticulture Programs across the United States. Fall 2019, the Horticulture program experienced an 11.34% enrollment increase. Currently, the department has approximately 320 students in the program including dual credit. The State of Illinois Occupational Employment Projections from 2012-2022 for Horticulture Related Occupations shows over 2,000 annual industry openings and continued growth in the Chicagoland area. Industry representatives even say this number is on the low side and that there are even more openings in the Chicagoland area.





- The Horticulture Department provided tours and presentations for over 22+ various groups from the community and reach over 975 people each year. Groups included: Hawthorne Elementary School, TCD 7th Grade Career Fair, O’Neill Middle School, Arden Court Seniors, Elmhurst Garden Club, McArthur Middle School, Women in STEM, TEC Career Exploration Day, DuPage County Farm Bureau Teacher Institute Day, Section 8 Floral CDE, Glenbard West Transition Students, COD Biology Class, COD Early Childhood, Park Place in Elmhurst Senior Citizens, Glen Ellyn YMCA, Lemont High School Vocational Skills, COD Continuing Education, COD High School Summer Stem Camp, Crestview Garden Club, Addison Trail High School Career Fair, TCD College and Career Day, Boy Scouts, Girl Scouts and the COD Continuing Education Senior Group.

- Seven High School Programs of study/pathways have been developed with local schools in our district that offer Agriculture/Horticulture courses utilizing Perkins Grant Funding. A program of study (POS) is a comprehensive, structured approach for delivering academic and career and technical education for postsecondary education and career success. A POS provides successful student transitions between secondary and postsecondary education. Programs of study have been developed with Addison Trail High School, Metea Valley High School, Naperville Central High School, Naperville North High School, Neuqua Valley High School, Waubonsee Valley High School and West Chicago High School. Each school was given banners and promotional guides/materials to hand out to students and parents. The POS guides are also posted on our website: <http://www.cod.edu/academics/programs/horticulture/high-school-horticulture-pathways.aspx>
- Increased marketing of the program through career fairs, social media, and industry events. We are in the process of having all horticulture marketing handouts translated into Spanish including our programs of study with seven high schools. Our dual credit schools with programs of study have been requesting this. We also worked with the multi-media department over the past year to create a new department promotional recruitment video which can be found on the horticulture website <https://youtu.be/M95QlzEliVg>



- The program continues to gain support from local businesses and the community through donations, guest speakers, tours, internship sites etc. Our Advisory Committee has been expanded to include more industry representation and are very supportive of the program and provide great feedback for improvement. We will continue to monitor the skills needed in our industry via the Advisory Committee feedback and participation in industry trade shows and conferences, as well as through feedback from our internship employers. If certain additional skill sets appear on our list regularly, we can investigate new course offerings or new ways to teach those skills in existing classes. We need to continue our strong advising efforts to make sure students get the classes they need when they are offered.
- The Horticulture Department was approved in fall 2017 to offer dual credit to High Schools in four of our surrounding community college districts (Harper, Oakton, Elgin and Waubonsee) that do not offer Horticulture. We have a good number of students that feed into our program from these districts. We will be working with approximately 13 high schools in those community college districts on the possibility of expanding dual credit into those schools. Fall 2018, we are currently in the process of working with Rolling Meadows High School, East Aurora High School and Reavis High School to offer programs of study and dual credit in these high schools that are starting up new programs.
- We have collaborated with Facilitating Coordination in Agriculture Education (FCAE) in 2017 offering our

online Horticulture Courses statewide to high school students who may not be able to take an agriculture course due to class conflicts or if the high school does not offer agriculture courses. Students would apply for early college admission and earn college credit.

- The Horticulture Department hosted the Illinois Landscape Contractors Association (ILCA) Summer Field days on August 10, 2017 at College of DuPage. This 57-year-old annual event brings together people from all over the landscape industry for a day of food, networking and a little business. Over 80 landscape supplier's booths were on site featuring nursery stock, equipment, materials, new products and more. There were also free education sessions with continuing education credits for LA's, as well as landscape equipment demonstrations and department tours. Approximately 1200 people attended this event on campus.
- Five students participated in the 2016 Come Alive Outside Chicago Design Challenge with Hanson Park Elementary and Prosser Career Academy in Chicago <https://comealiveoutside.com/chicago-2016/>. The Come Alive Outside Design Challenge creates the opportunity for teams of college and high school students to work together with landscape professionals to design and build engaging outdoor learning environments at schools and childcare facilities. In partnership with Come Alive Outside and The Kitchen Community, Christy Webber Landscapes and RYCO hosted a Design Challenge in 2016 and brought top college Landscape Architecture and Landscape Management students to Chicago to participate in the program. On October 13th-15th, students from College of DuPage, Illinois Central College and Joliet Junior College visited Hanson Park Elementary and worked with the students and teachers there to create initial ideas for the new space. In March 2017, College of DuPage received word that they had won the Design Challenge 2016 for Chicago, Illinois.
- During the period from spring 2017 to summer 2017, 87.5% of students achieved a superior (A/B) grade or adequate (C) on their internship portfolio. During the period from spring 2018 through fall 2018, 100% of students achieved a superior (A/B) grade or adequate. This indicates that students are prepared for the workplace. Various students completing internships as part of program requirements were offered full time jobs at their perspective internship sites. The horticulture program is successful in preparing students for the workplace. Students identified some skills that were weak or lacking. In some cases, the students had not taken advantage of our recently added courses (hydroponics, irrigation); in other cases, the additional skills are those that are truly obtained once in the workplace (crew leadership, business skills, economic losses associated with perishable product, etc.). We are better prepared to demonstrate power equipment operations since we have acquired new equipment as required by our NALP accreditation and funded through Perkins and capital equipment through the College. We are continuing to strengthen those opportunities for students.
- Thirty-eight local companies participated in the 2017 Annual COD Horticulture Department Career and Job Fair held in February on campus with more than 80 students in attendance. Fifty plus local companies participated in the 2018 Annual COD Horticulture Department Career and Job Fair including one university. Fifty plus local companies participated in 2019.
- The COD Horticulture Department received over \$75,000.00 in donations from local companies in 2016 that included items such as compact diesel engines, 2-cycle tools and equipment, hardscape materials, plant material, green roof materials, etc. In 2017, the department received over \$12,000 in donations from local companies that included items such as hardscape materials and plant materials. In 2018, the horticulture department received over \$25,000 in donations from local companies that included items such as hardscape materials, plant donations and compact diesel engines. In 2019, the horticulture department received a grant from the National Fruit Tree Organization to put in an orchard with 20 fruit trees. We also received a donation of forty 4 cycle engines from Briggs and Stratton.
- The Business and Technology Division including Horticulture was spotlighted in the annual Engage Magazine that is produced by the College and sent out to all residential households in District 502. The Engage Magazine is a periodic report on what a difference the community member's tax dollars have made demonstrating a return on investment at the college. This issue was released in November 2018.

- The COD Horticulture Department has approximately 30 adjunct faculty members who work in industry and share their expertise in the courses they teach. Many of those adjuncts are industry leaders in their field of expertise, hold industry certifications, speak at various industry events, serve on national industry boards and travel the world bringing back new ideas and experiences to the students.
- The Horticulture Department staff and faculty were nominated for 2016 I AM COD Group/Team Award for fall 2016. Horticulture Department staff Amy Hull and Marty Bartz were nominated for 2018 I Am COD Group/Team Award for fall 2018
- Judy Burgholzer (Full Time Faculty), Brian Clement (Full Time Faculty) and Craig Kruckenberg (former Adjunct Faculty) were selected by the Illinois Landscape Contractors Association's magazine committee for "The List" – People with Impact in 2015 and were featured in the December 2015 magazine issue of The Landscape Contractor. "The List" is ILCA's annual magazine feature that showcases the movers-and-shakers in the Illinois green industry. The feature highlights individuals who have made an impact in the green industry that the rest of the ILCA membership should be made aware of. http://issuu.com/rick_r/docs/dec.15_tlc_digital_edition/19
- Three COD Horticulture students competed in the Hardscape North American Installer Championship in October 2017 at the Kentucky Exposition Center in Louisville, Kentucky. The contest tests and recognizes the skill, dedication and passion of hardscape contractors from Canada, the United States and Mexico. Only 24 teams compete in this national event. Teams that compete in the championship have the understanding of industry best practices and guidelines (safety, quality, and craftsmanship) and race against the clock of other top installers to determine the best of the best. College of DuPage qualified for this event after placing second in the Hardscape Competition at the National Collegiate Landscape Competition last March at Brigham Young University. The students received a package valued at up to \$4,000, which included travel expenses, individual accommodations, and complimentary trade show admission to Hardscape North America and complimentary registration fee for the HNA Installer Championship.
- The Horticulture Department hosts an invitational State and Section 8 FFA Floral CDE each March on campus. Forty-one students from six schools participated in the event in March 2017. Forty-five students from six schools participated in the event in March 2018. Forty-four students from six schools participated in the event in March 2019. The contest was virtual during 2021 with 7 schools participating and 46 students.
- The horticulture department is in the process of applying for accreditation through the Engine and Equipment Training Council with hopes of earning accreditation status in spring 2019. This multi-category accreditation program offers schools the ability to become accredited based on the present curriculum. The EETC does not endorse a specific curriculum. It does, however set industry agreed standards for the classroom facilities, instructor qualifications and competencies for subject matter. One important component of the program is the use of the EETC Technician Certification tests as a quantifying tool to assess student achievement. The EETC strongly supports instructor/student certification. This multi-category accreditation program is directly associated with the EETC Technician certification tests. The EETC writes and maintains all EETC certification tests. The graduating student who passes a certification test will have added credibility when seeking gainful employment at a power equipment dealer. Dealers across the United States and Canada recognize the EETC certification as validation of formal, school-based training in the basics of power equipment. Nationally recognized EETC-accredited programs receive the benefits of manufacturer, distributor, association, and dealer recognition and support. Students will be exposed to your local distributors and dealers, which will enhance the scope of your program and give it community-wide impact. Because of local distributor and dealer contact, graduating students will have the best opportunity for employment. With the **Multi-Level accreditation** - a student's chance for employment is much greater and schools are encouraged to develop their training to reach this level. EETC accreditation offers your program national recognition and enhances student recruitment. In December 2019, all six areas of the COD Horticulture Program Power Equipment & Technology Program were accredited by the Engine and Equipment Training Council including the categories of electrical, 2-Cycle Small Engines, 4-Cycle Small Engines, Portable Power Generator, Compact Diesel, and Hydraulic/Drivelines/Hydrostatics.

- A Horticulture Alumni database has been established over the past three years with over 300+ alumni. We are continuing to update data, information, and sign up former students at industry events to reestablish their connections with the department. We will continue to draw on their expertise to help keep them informed of the Horticulture Department events and offering various ways for them to get involved either by attending events, serving as guest speakers for classes, mentoring students, volunteering, donating to scholarships etc.
- In fall 2018 and 2019, we worked with the Research and Planning department at College of DuPage to administer an online survey to graduates of the program who has received a degree or certificate between summers 2014 through spring 2017. Graduates were asked about their experiences at COD, their satisfaction with the program, and their current educational/employment status. Invitations with links to the online survey were emailed by Research & Analytics to 67 graduates. A total of 29 graduates responded between August 2nd and 30th 2018 (43% response rate). This was the highest response rate they had received in any program in the college. Overall, almost all respondents were satisfied with COD. Most offered praise or feedback on their COD experience. Most respondents were very satisfied with the program's equipment and facilities (86%) and instructor availability (79%). Respondents also tended to be very satisfied with course content (76%), information provided on employment trends (72%) and faculty expertise (72%). About 60% of graduates indicated their main reason for attending COD was to build job skills. Another 18% were taking classes for personal interests. As far as current employment, half of respondents (48%) were currently employed full time, with another 17% employed part time in the industry. In fall 2019, a total of 10 graduates responded which was a 45% response rate from graduates.
- The department identified program-learning outcomes for each degree and certificate, which were approved through the advisory committee in fall 2018. These are posted for all students on the horticulture website and communicated to students in the department <http://cod.edu/programs/horticulture/index.aspx>. These will also be utilized in program review and assessment. These are communicated to the faculty, staff and students in the program.
- Brian Clement attended the ICPI Interlocking Concrete Pavement Institute High School/Postsecondary Concrete Paver Installer Course July 9 -11, 2018 in Chantilly, VA and the department is now licensed to use the Concrete Paver Installer Course materials in the department curriculum. The materials include job planning and documentation, job layout, soil characteristics, compaction, base materials, edge restraints, bedding and joint sands, selection and installation of concrete pavers and safety.
- Various student outreach efforts have been implemented in the horticulture department to ensure students are enrolled in the correct academic programs and are taking the correct classes. An advising update and department newsletter are distributed to all horticulture students during the fall and spring semesters. Faculty advisors review student academic programs with students and provide advising sessions throughout the year.
- COD Cares is a campus-wide program for students and staff to participate together in service activities that benefit communities within College of DuPage's district. The COD Horticulture department participates in the service activities each year and is a way to give back to the community. Students can apply what they learn in class through various service activities in the community. http://www.cod.edu/student_life/cod_cares.aspx
- The Garden Works Project empowers, educates, and promotes organic suburban agriculture to improve the wellbeing of our community, the environment, and families facing food insecurity. They support all gardeners in their efforts to grow and prepare food for themselves and their neighbors in need. They teach organic vegetable gardening in a way that promotes self-sufficiency, pride and good stewardship of the Earth. Many of our students in the program participate in volunteer activities. 200+ volunteer team and board of directors help make their mission and vision reality helping over 87 families each year impacting 332 individuals. Students in the horticulture department grow and donate plants for this project. Executive Director serves on our Advisory Board. This partnership developed 6 years ago when a former horticulture student and now alumni, Tina Koral, founded the organization to serve the western Chicagoland suburbs <http://www.gardenworksproject.org/about>
- COD Horticulture Alumni Kimberly Oldis was in the national news. Kimberly Oldis, a College of DuPage Horticulture Alumna, was selected as a 2019 Rose Parade Float Judge. Kimberly Oldis developed her floral

design skills at College of DuPage, launching a career that would lead her to serve as a judge in the 130th Rose Parade in Pasadena, California, on New Year's Day. Only three judges are selected each year to grant awards to the dozens of floats in a parade that has a national viewership of 44 million, as estimated by the Tournament of Roses.

- COACH is a two-year cohort program for adults with intellectual or developmental disabilities. In addition to an academic focus on reading, writing, math and computer literacy, COACH also promotes social skills, independence and career exploration. COACH has been developed to provide post-transition students with engaging educational and life-skills training to help prepare for meaningful employment. College of DuPage Horticulture department has collaborated with the COACH program to provide students on campus job-shadow experiences and internship placement in horticulture, working in the labs and greenhouse on campus. This allows students to explore career options to help identify a career path, gain horticulture skills, practice appropriate workplace behavior and gain work experience. This partnership began this year fall 2018. Eight vocational areas at the College were determined by the COACH program that included horticulture. Designed to develop workplace skills that can lead students to competitive, entry-level employment and enhance everyday living skills. <https://www.cod.edu/academics/continuing-education/developmental-education/coach/>
- College of DuPage Horticulture students earned awards for their landscape designs at the Excellence in Landscapes Awards Banquet hosted by the Illinois Landscape Contractors Association (ILCA) in Schaumburg, IL in February. Award winners since 2017 are listed below...
 - Shirlee Berman – 2017 ILCA State Landscape Design Contest 1st place Hand Drawn Division Winner
 - Zachary Michnick - 2017 ILCA State Landscape Design Contest 1st place CAD Division Winner
 - Eric Groh - 2017 ILCA State Landscape Design Contest 1st place 3D Movie Division Winner
 - Joe Christian – 2017 ILCA State Landscape Design Contest 2nd place 3D Movie Winner
 - Jomarie Avino - 2017 ILCA State Landscape Design Contest 2nd place CAD Division Winner
 - Linda Slepicka – 2017 ILCA State Landscape Design Contest 3rd place 3D Movie Winner
 - Andrea Sorensen – 2017 ILCA State Landscape Design Contest 4th place Hand Drawn Division Winner
 - Bridget Smith – 2017 ILCA State Landscape Design Contest 6th place Hand Drawn Division Winner
 - Carolyn Gange – 2018 ILCA State Landscape Design Contest 1st place Hand Drawn Division Winner
 - Tim Miller – 2018 ILCA State Landscape Design Contest 4th place Hand Drawn Division Winner
 - Tom Eisenhart – 2018 ILCA State Landscape Design Contest 1st place CAD Division Winner
 - Nahum Castillo – 2018 ILCA State Landscape Design Contest Honorable Mention in 3D Landscape Design Computer Generated Presentation
 - Elaina Blankenhagen – 2019 ILCA State Landscape Design Contest 1st place 3D Landscape Design
 - Ronalyn Irle – 2019 ILCA State Landscape Design Contest 2nd place 3D Landscape Design
 - David Feltz – 2019 ILCA State Landscape Design Contest 3rd place 3D Landscape Design
 - Pedro Lopez – 2019 ILCA State Landscape Design Contest 3rd Place CAD Division Winner
 - Gannon Siran – 2019 ILCA State Landscape Design Contest 4th place CAD Division Winner
 - Angelynn Martin – 2019 ILCA State Landscape Design Contest 1st place Hand Drawn Division Winner
 - David Moulthrop – 2019 ILCA State Landscape Design Contest 3rd place Hand Drawn Division Winner
 - William Bergthold – 2019 ILCA State Landscape Design Contest 4th place Hand Drawn Division Winner
 - Elaina Blankenhagen – 2020 ILCA State Landscape Design Contest 1st place 3D Division Winner
 - David Feltz – 2020 ILCA State Landscape Design Contest 2nd place 3D Design Division Winner
 - Jeanne Ferguson – 2020 ILCA State Landscape Design Contest 1st place Hand Drawn Division Winner
 - Janel Grella – 2020 ILCA State Landscape Design Contest 2nd place Hand Drawn Division Winner
 - Michael Mincheff – 2020 ILCA State Landscape Design Contest 3rd place Hand Drawn Division Winner
- The horticulture department is currently in the process of trying to work out a transfer agreement with Southern Illinois University in horticulture.
- Our Horticulture Club has been building a solid member base. We started out with a successful welcome event that included a cookout and some great discussion, attended by about 10 people. We hosted a succulent propagation event that merged some learning discussion with a hands-on activity. These plants will be grown on and used for club sales, Department tour groups and the Spring Plant Sale in May. Remic Ensweiler, COD

natural areas manager, was our guide for our first annual Horticulture Club Seed Collecting Fun Day. We met on a brisk evening and ventured into the tall grasses and plants to collect Little Bluestem, Rattlesnake Master, and Prairie Gentian. These will be sown this fall to areas that need it on campus, but also used as trade for other seeds with Remic's network of local natural area managers. Looking forward, we plan on various plant sales and cut flower sales, community service projects (with our new department truck and trailer), and our 2nd Annual Brighten Your Day Event, where we create arrangements of plants and flowers to deliver to local nursing homes and medical centers. Other interests will be hydroponics workshops and Morton Arboretum's Illumination. The department is also planning a couple of community service events for the spring. Students are also participating in various community service projects during the fall and spring semesters. Fall 2019, we had our largest participation to date with over 40 students from the department participating in various horticulture club activities.

- In August 2018, the Horticulture Department hosted a Greenhouse Bio Controls Short Course for industry professionals, students and educators. We had 52 people in attendance. We are planning on hosting another Greenhouse Bio Controls Short Course in summer 2020.
- The horticulture department continues to participate and serve on the Perennials in Focus group, which meets 3 times a year. Perennials in Focus was formed by a group of green industry professionals to evaluate the performance of new or underused perennial plants in the Chicagoland area. The members of this group in partnership with College of DuPage represent all areas of the green industry – growers, educators, landscape designers, landscape architects, landscape contractors, retail garden centers and public gardens. In a regular three-year cycle, perennial plants are evaluated in various garden and landscape settings across the Chicagoland area. Charted information is analyzed and evaluated based on the actual performance of the perennial plants in the garden. Results are published as a summary profile called a “Perennial Snapshot” on the group’s website.
- Summer 2020, the Horticulture Department will be hosting the Irrigation Association Faculty Academy on campus July 18 and 19, 2020.
- The horticulture program offers five industry-recognized credentials/certifications/licenses which is also a good measure of program assessment. Those include the OSHA 10-Hour Safety Certification and Card, STIHL 2-Cycle Small Engine Bronze Certification, Briggs and Stratton Master Service Technician Certification, the Equipment and Engine Training Council (EETC) Certifications and the Interlocking Concrete Pavement Institute (ICPI) Certified Concrete Paver Installer Certification. Students can also go on and complete the Illinois Pesticide Licensing Certification as well as the NALP Landscape Industry Certified credential as a Business Manager, Exterior Technician, Interior Technician, Horticulture Technician, Lawn Care Manager, or Lawn Care Technician. The National Irrigation Association also offers various levels of certifications a student could obtain.
- Fall 2019, the Horticulture Department was approved to test pilot a new online portfolio through Blackboard with all horticulture students for the internship portfolios. A template is being developed with instructions and will be tested in spring 2020.
- Fall 2019, the Horticulture Department created an organizational page on Blackboard. Every horticulture student enrolled in a class is uploaded as a member. This organizational shell is being used for Department announcements, job postings, internship postings, internship information, horticulture club announcements etc.
- Fall 2019, all horticulture faculty including adjuncts are putting grades into blackboard on a weekly basis. Extra assistance is being provided to adjuncts to help with this new processes that many were not utilizing in the past.
- Zachary Rahn, Horticulture Student was named one of the College’s two Outstanding Graduates in 2021. Zachary Rahn found it difficult to focus on his education in high school. After graduating, he was unsure of what to do with his life and began working minimum-wage jobs. But a new seasonal position at Wannemaker’s Home and Garden in Downers Grove ignited his passion for horticulture. “I was constantly around plants and I loved it,” he said. “It became an obsession. The more I learned from my managers and the staff, the better I could help customers.”

Wannemaker's eventually offered Rahn a full-time position, and he became manager of the pond department. He also took courses through Aquascape but soon realized he would need more training if he wanted to pursue horticulture as a career.

"As time passed, I regretted not getting a college education," he said. "Our typical seasonal employees were college students, and so many of them went to College of DuPage. I enjoyed working with them and listening to their experiences at COD, and they told me about the Horticulture program. I set up an appointment with Program Chair Brian Clement, and his passion and knowledge of the program and the horticulture industry inspired me to pursue a degree in horticulture."

Ten years after graduating from high school, Rahn enrolled at COD while continuing to work. He dedicated himself to learning as much as he could about plants, their uses and how to best care for them.

It was during a class project in his first course, Introduction to Horticulture, that he developed an interest in herbalism. He learned how chemists used willow bark to produce aspirin and what other plants could be applied to wounds or to reduce a fever.

"The more I dug into the project, the more it became fascinating for me," he said. "After our project was completed, I kept researching the topic and the next semester, the president of the Horticulture Club invited me to give a presentation on herbalism. It went so well that I was asked to do so again the next year."

One of his best experiences came through the Horticulture program's annual Career Fair. Rahn secured an internship at Green Circle Growers in Oberlin, Ohio, one of North America's largest floriculture plant producers, and worked alongside interns from around the world.

"As a grower's assistant, I learned valuable information about what it takes to work in a large commercial greenhouse, from understanding water chemistry, irrigation and fertilization to insect and disease management for thousands of different crops commonly grown in greenhouses and used in landscapes today," he said. "I also learned how to propagate and grow various tropical foliage plants and how to maintain and produce top-quality Phalaenopsis orchids. I will never forget that experience and it has helped shape my educational experience and pointed me toward a career path."

Rahn also applied for and received scholarships from three local garden clubs, including the Elmhurst Garden Club, through which several members privately raised money for his education.

"It helped so much, they were so generous about it," he said. "One member who is a COD grad, Lynn Baralt, contacted me about a position at her landscape company, Baralt's Custom Landscape, and that's where I currently work."

Zach is graduating with highest honors with an Associate in Applied Science degree and the Greenhouse Management certificate. He also was named one of the College's two Outstanding Graduates.

"I knew when I started at COD it was going to be a big commitment, and I'm still completely blown away by how well I did. When I got that first email about finishing my initial semester with a 4.0 GPA, I couldn't believe it," he said. "Being Outstanding Graduate is something that I am really proud of. I never thought I would be picked."

Rahn's ultimate goal is to work for a large commercial production greenhouse and continue his interest in plants that shape modern medicine. He advises anyone considering COD to give it a try.

"There's a program for everyone, and with so many programs and opportunities, you can really find what you are passionate about," he said. "Regardless of the outcome, you will take something positive away from the experience."

"I am very excited to go out into the world and use my knowledge and experience I gained at College of DuPage in an industry that I love."

Recruitment/Retention Needs...The Horticulture department is very active in recruitment into the CTE program. The Business and Technology division hosts its annual TEC Spotlight each spring where students and parents meet with faculty, tour the College's cutting-edge CTE labs and explore careers. The department participates in the College's STEM Career Day, numerous middle school career exploration and high school career fairs throughout the year, provide over 60+ tours of the department each year and host a horticulture career fair with over 50 companies in attendance. Continue to market the program through various community events, industry events and Jr high and high school career fairs, department tours etc. The Horticulture Department provided tours and presentations for over 22+ various groups from the community and reach over 975 people each year. Groups included: Hawthorne Elementary School, TCD 7th Grade Career Fair, O'Neill Middle School, Arden Court Seniors, Elmhurst Garden Club, McArthur Middle School, Women in STEM, TEC Career Exploration Day, DuPage County Farm Bureau Teacher Institute Day, Section 8 Floral CDE, Glenbard West Transition Students, COD Biology Class, COD Early Childhood, Park Place in Elmhurst Senior Citizens, Glen Ellyn YMCA, Lemont High School Vocational Skills, COD Continuing Education, COD High School Summer Stem Camp, Crestview Garden Club, Addison Trail High School Career Fair, TCD College and Career Day, Boy Scouts, Girl Scouts and the COD Continuing Education Senior Group. The department participates in the College's STEM Career Day, numerous middle school career exploration and high school career fairs throughout the year, provide over 60+ tours of the department each year and host a horticulture career fair with over 50 companies in attendance. Faculty follows up with each student who expresses interest in Horticulture through the registration department and the website and meets with numerous new potential students throughout the year for tours of the department and advising. Faculty follows up with each student who expresses interest in Horticulture through the registration department and the website and meets with numerous new potential students throughout the year for tours of the department and advising. The department website is kept up to date <http://www.cod.edu/horticulture> . A new Department Video was created in fall 2019 with the help of the COD Multimedia Department and is shown at various events and is posted on the website <https://youtu.be/M95QlzEliVg>

Please describe any equipment needs your program is experiencing.

None, the program over the past 5 years has been able to purchase all the equipment needed to train students recommended by the advisory committee through Perkins Funding, Capital Funding, and donations from local companies to help support sending students to the National Collegiate Landscape Competition.

Please describe any personnel needs (full time or part time positions needed or unfilled) your program is experiencing.

This past year, we have hired approximately 8 new adjunct faculty members and have over 35 plus adjunct faculty members in the department. We were approved through Perkins FY22 funds to hire a new part time sustainable urban farm lab assistant. We have 2 full time faculty, 2 full time classified staff, 2 student workers and 1 program specialist.

Please share any best practice ideas you'd like to share with NALP and Accredited Programs. (Fundraising, Recruitment, Retention, Program Planning, etc.)

Intrusive advising - We began this last year in the program. The program coordinator and program specialist tried to meet with every student in the program at least once for advising and to go over their degree audit. As a result, the graduation percentage/Certificate Granted increased 109% from the previous year.

Please provide numerical data on program instructional supply budget

\$31099.00

Please provide numerical data on program capital purchases budget

\$60,000

Please provide numerical data on program equipment and facility maintenance budget

\$4,000.00

Please describe any new equipment purchases or donations made or received by the program in the last year. Please include dollar amounts if known.

CAT 259D Skid Loader with Attachments \$52,000, Kubota RTV-X9000WL-H \$12,000, Toro Stand on Aerator \$7,000, Briggs and Stratton Engine Donation 25 engines \$9000, STIHL Robotic Mowers \$5,000, BedEdger \$3900, \$6000 in Battery Powered Landscape Equipment, \$3000 in Beekeeping Equipment, \$3500 in Landscape Lighting and Irrigation Equipment

Information contained in annual reports from accredited schools is used to track changes in enrollment and placement, as well as to market and strengthen accreditation. Statistics generated by annual reports are the only data we have related to entry-level salaries, and placement in full time positions and internships. Additionally, many accredited programs use the information obtained in this report to favorably impress administrators and recruit students to their institutions.

As a reminder, benefits associated with accreditation (including reduced registration for NCLC and free NALP membership to students) are available only to schools that have submitted their annual report for the preceding year.

Completed form due by January 15, 2021

PLEASE return electronically to:

accreditation@landscapeprofessionals.org If returned by mail: NALP

Accreditation

Attn: Jennifer Myers | 12500 Fair Lakes Circle Suite 200 | Fairfax, VA 220



