



# HORTICULTURE Programs of Study

College of DuPage Horticulture and Reavis High School





# What is a Program of Study?

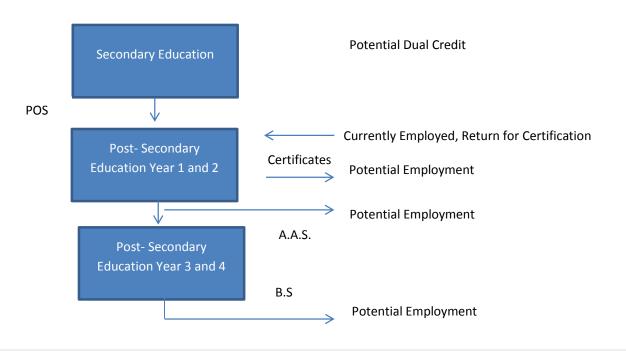
A program of study (POS) is a comprehensive, structured approach for delivering academic and career and technical education to prepare students for postsecondary education and career success. A POS provides successful student transitions between secondary and postsecondary education.

At minimum, the POS must:

- Incorporate and align secondary and postsecondary education elements
- Include academic and CTE content in a coordinated, non-duplicative progression of courses
- Offer the opportunity, where appropriate, for secondary students to acquire postsecondary credits
- Lead to an industry-recognized credential or certificate at the postsecondary level, or an associate or baccalaureate degree
- Support the tenants of the POS 10 Component Framework (http://cte.ed.gov/docs/POSLocalImplementationTool-9-14-10.pdf)

## **Program of Study Pathways**

A Program of Study Pathway describes the courses, sequences, certificates and degrees that a student can obtain at the secondary and post-secondary education level in pursuit of various career paths.



# What is Horticulture?

Horticulture is part of the Agriculture, Food and Natural Resources cluster of the Illinois Career Cluster Model. Specifically, this pathway applies to the Plant Systems section. The career plan of study can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed in the plans are only recommended coursework and should be individualized to meet the learner's educational and career goals. The plans of study are customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

The objective of the Horticulture Program is to provide students with the necessary skills necessary for entry-level positions such as:

- Landscape Professionals (Designer, Contractor and/or Estimator)
- Greenhouse and Nursery Growers
- Arborists, Tree Trimmers and Pruners •
- Grounds Management Professionals
- Pesticide Handlers, Sprayers, & Applicators
- Sustainable and Organic Farmers •
- Hydroponic Growers
- Agricultural and Food Inspectors
- Parks and Recreation
- Floral Designer

The program, individual course objectives, and measurable learning outcomes have been aligned to national accreditation standards set forth by the National Association of Landscape Professionals (NALP). In addition, input from the College of DuPage Horticulture advisory committee and industry experts has been utilized to guide the delivery of education.

### The Horticulture Program objectives include:

- Introduce students to occupations within the green industry
- sustainable practices
- •
- guest speakers

• Prepare students for successful employment through classroom and practical experiences while encouraging them to take pride in their work and establish a high standard of professionalism

• Encourage students to be responsible stewards of the environment by demonstrating and valuing

Demonstrate the safe use of equipment, chemicals, and tools used in the industry

Identify and explain benefits of professional organizations in the green industry

• Maintain strong industry contacts and link classroom knowledge with the industry through field trips and

The Horticulture program consist of three A.A.S. Degrees and nine certificates.



### **Horticulture A.A.S Degree**

The Horticulture program meets the needs of students entering the horticulture industry as well as those presently employed who wish to continue their professional growth. Besides providing horticultural knowledge and skills, the program emphasizes the business and management proficiency necessary to compete successfully in the horticulture industry. The Horticulture degree program requires a minimum of 64 credits in program requirements, program electives, and general education coursework.

### Landscape Contracting & Management A.A.S. Degree

The Landscape Contracting & Management program develops a student's ability to design, implement, and maintain landscape projects. Students build professional skills in plant healthcare, design, estimating, installation, and project management while earning an Associate in Applied Science degree. Landscape contracting graduates are well-placed to work in the growing field of sustainable landscaping, or enter a Bachelor degree program in Horticulture or related field. The Landscape Contracting and Management degree program requires a minimum of 71 credits in program requirements, program electives and general education coursework.

### Sustainable Urban Agriculture A.A.S. Degree

The Sustainable Urban Agriculture program offers a hands-on approach to becoming a professional in the field of urban farming and sustainable urban agriculture. The goal of the program is to help society improve the health of its environment, food, and communities, give students practical experiences working alongside professional urban farmers and faculty and teach students how to critically analyze historical and current food systems to offer more sustainable solutions. Includes management and marketing techniques for urban agriculture food production systems. The Sustainable Urban Agriculture degree program requires a minimum of 66 credits in program requirements and general education coursework.

### **Horticulture Certificate Options:**

\*\* For students who do not wish to pursue an A.A.S. degree, certificate programs are offered that do not include general education courses. The following certificates are available:

Horticulture Certificate 15 credits

**Floral Shop** Management Certificate 24 credits

**Nursery and Garden Center Management** Certificate 35 credits

Greenhouse Management Certificate 24 credits

4 | Page

Landscape Design and Construction Certificate 41 credits

Sustainable Landscapes Certificate 7 credits



# Labor Market Supply/Demand Information

### Horticulture and Landscape Contracting & Management Degree Tracks:

According to the Department of Labor Statistics (DSL), College of DuPage is situated in a Chicago metropolitan area with the highest employment level of landscaping and grounds workers in the United States employing over 20,030 people with one of the highest annual mean wages in this occupation.

- Employment in the Landscape Industry is projected to grow as fast as or faster than most occupations in DuPage County: • Grounds Maintenance Workers is projected to grow 13.20 percent from 2012 to 2022 with 238 annual job openings in DuPage County. Nationally, employment is projected to grow 18.2%.
  - Landscaping and Groudskeeping Workers is projected to grow 13.05 percent from 2012 to 2022 with 213 annual job openings in DuPage County. Nationally, employment is projected to grow 18 percent.
  - Pesticide Handlers, Spravers & Applicators is projected to grow 2 percent from 2012 to 2022 with 6 annual job openings in DuPage County. Nationally, employment is projected to grow 17.7%.
  - Tree Trimmers & Pruners is projected to grow 5 percent from 2012 to 2022 with 11 annual job openings in DuPage County. Nationally, employment is projected to grow 26.3%.
  - Grounds Maintenance Workers, All Others is projected to grow 3 percent from 2012 to 2022 with 9 annual job openings in DuPage County. Nationally, employment is projected to grow 11.8%.

attached supporting detail for employment projects in surrounding counties.

### Sustainable Urban Agriculture Degree Track:

The labor market indicates job growth for individuals with degrees and extensive work experience in food, renewable energy and environmental specialties.

Purdue University along with the United States Department of Agriculture published the Employment Opportunities for College Graduates in Food, Renewable Energy, and the Environment. It was projected that the agricultural, food and renewable natural resources sectors of the US economy will generate an estimated 54,400 annual openings for individuals with baccalaureate or higher degrees in food, renewable energy, and environmental specialties between 2010 and 2015.

Landscape and **Turf Maintenance** Certificate 39 credits

Sustainable Urban Agriculture Certificate 28 credits

**Power Equipment** and Technology Certificate 16 credits

Employment projections for surrounding DuPage Counties are also very high, enforcing the need for qualified workers. See

According to the USDA, certified organic acreage in the United States that includes cropland, pastureland, and rangeland quadrupled between 1992 and 2008 and the number of organic operations nearly tripled. Organic foods are now available in nearly all retail food stores and most consumers buy organic food at least occasionally. Growth in the industry seems likely to continue, and continued growth in demand will create new career opportunities.

There has been an increased interest in buying local foods. According to "Trends in U.S. Local and Regional Food Systems," a report to Congress, farmers markets have seen a 200% growth since 2007, regional food hubs a 300% increase and school districts with farm to school programs a 450% increase. In the nationally representative U.S. Grocery Shopper Trends Survey, conducted by a supermarket industry association, over 80 percent of surveyed grocery store shoppers reported purchasing local foods occasionally, while 9 percent reported purchasing local foods whenever possible (Food Marketing Institute, 2011). The survey also asked consumers' top reasons for buying locally grown foods in grocery stores. Freshness was the most frequent reason (with 83 percent) cited, support for the local economy was the second reason (with 79%) cited, and taste was the number three reason (with 56 percent) cited for buying local food (Food Marketing Institute, 2011). An earlier national survey, conducted in 2003, found an interest in healthy, safe, and fresh foods increased the likelihood of buying locally (Zepeda and Nie, 2012).

Many state legislators have also targeted support to local and regional food systems through statutes and programs focusing on urban agriculture and community gardens. Since 2007, several states and the District of Columbia have passed legislation that improves land access for urban agriculture (NCSL, 2014b). Programs provide tax incentives for urban land conversion to agricultural use and urban farming and gardening. Many more states have established committees to develop recommendations for expanding local food production. Farmer's markets are continually growing and becoming more popular. Today more than 30 states have passed laws in an effort to expand the presence of farmers' markets nationwide. Many of these laws not only support and grow local food systems, but they also work towards increasing access to healthy foods. This has brought an increase in local jobs in this industry.

A recent U.S. Department of Agriculture (USDA) report to Congress indicates that local and regional food sales in the U.S. totaled \$6.1 billion in 2012— an increase from the reported \$4.8 billion in 2008. This increase is a result of the selling of food from local farms, "for human consumption through both direct-to-consumer (e.g., farmers' markets) and intermediated marketing channels (e.g., sales to institutions or regional distributors)." The report findings provide an updated assessment of the growing trend in both the production and consumption of local food in the U.S.

Growing interest in the local foods movement and sustainability efforts across the nation is increasing the number of people working in the food system and related occupations. As the demand continues to rise for locally grown and produced foods, more jobs will be generated in this field of study. While job data for this type of work is difficult to measure across the 50 states, it is clear that food system jobs are gaining momentum across the country.

Additionally, according to IDES, the statewide annual compound growth rate in areas related to Agri-Hort Technology is up an average of 0.13%. The 2010-2020 projected outlook for additional jobs in the Agri-Hort specializations that includes Urban Agriculture indicates there will be an additional 44,503 jobs available by 2020.

	Annual Compound Growth		1.25 1.23 1.04 1.95 0.97
	nings Total		238 213 9 11 9
2-2022	Average Annual Job Openings due to: owth Benlarements Tots		156 140 6 6
m) 2013	Average Growth		3 2 5 <mark>3 3</mark>
<b>DiS</b> (Long-ter cupations	Employment Change 2012-2022 Imber Dercent		13.20 13.05 10.95 21.28 10.12
<b>Of Illing</b> Projections Related Occ	Employm 2013 Number		818 727 15 50 26
<b>State of Illinois</b> Occupational Employment Projections (Long-term) 2012-2022 Horticulture Related Occupations <sup>Chicago Area</sup>	Year Employment 2022	7	7,017 6,297 152 285 283
nal Emplo Hortid	Base Year Employment	1	6,199 5,570 137 235 257
Occupatio	Standard Occupational Classification (SOC)		Grounds Maintenance Workers Landscaping & Groundskeeping Workers Pesticide Handlers, Sprayers & Applicators Tree Trimmers & Pruners Grounds Maintenance Workers, All Other
	Star	oue DuPage County	37-3000 37-3011 37-3012 37-3013 37-3019

	0.59	0.60	0.22	1.11	0.41		2.05	2.05	1.18	2.85	1.81		0.38	0.37	-0.23	0.94	0.40			
																		I		
	9 <mark>4</mark>	<mark>619</mark>	7	<mark>25</mark>	<mark>40</mark>		<mark>113</mark>	02	N	4	<mark>21</mark>		<mark>56</mark>	<mark>48</mark>	-	<mark>ო</mark>	N		1,645 2,229	
							•	•											ю	
	<mark>559</mark>	<mark>498</mark>	<mark>2</mark>	17	<mark>34</mark>		<mark>60</mark>	<mark>54</mark>	-	<mark>0</mark>	<mark>ო</mark>		<mark>48</mark>	<mark>42</mark>	-	<mark>0</mark>	N		1,64	
																			~	
	<mark>135</mark>	<mark>121</mark>	-	<b>∞</b>	<mark>9</mark>		<mark>23</mark>	<mark>48</mark>	-	<mark>0</mark>	N		œ	<mark>0</mark>	0	-	0		557	
	-							_	-	_				_		-	•		als	
	6.10	6.12	2.17	11.63	4.13		22.45	22.50	12.50	32.39	19.67		3.91	3.81	-2.27	9.86	4.12		Totals	
	52	80	൭	õ	55		22	479	9	33	24		74	64	7	7	4			
	1,35	1,208					ũ	47												
	26	48	23	68	87		02	80	54	94	46		65	43	43	78	0			
	23,5	20,948	4	ř	1,3		2,902	2,6			÷		1,965	1,7			-			
	,174	19,740	414	688	,332		2,370	,129	48	71	122		1,891	,679	44	71	97			
	22	19			-		2	7					-	-						
			6						6						s					
		rkers	icator		Other			rkers	icator		Other			Landscaping & Groundskeeping Workers	Pesticide Handlers, Sprayers & Applicators		Other			
	6	Landscaping & Groundskeeping Workers	Pesticide Handlers, Sprayers & Applicator		Grounds Maintenance Workers, All Other		<i>(</i> 0	oW gr	Pesticide Handlers, Sprayers & Applicator		Grounds Maintenance Workers, All Other		s	oW gn	š Appl		Grounds Maintenance Workers, All Other			
	<b>Grounds Maintenance Workers</b>	keepii	iyers &	s	/orker:	nties	orker	keepii	ayers &	s	/orker:		<b>Grounds Maintenance Workers</b>	skeepi	ayers &	s	<i>l</i> orker			
	Ince M	spuno.	s, Spra	Tree Trimmers & Pruners	ince M	ll Cou	Ince M	spuno.	s, Spra	Tree Trimmers & Pruners	ince M		ance V	spuno.	s, Spra	<b>Tree Trimmers &amp; Pruners</b>	ance V			
	intena	g & G	andler	ers & F	iintena	Kenda	intena	g&G	andler	ers & F	iintena		aintena	g & G	andler	ers & I	aintena			
	ids Ma	capin	ide Ha	-rimme	nds Ma	b and	ids Ma	capin	ide Ha	-rimme	nds Ma		nds Ma	scapin	ide H	<b>Trimm</b>	nds Ma			
	Groun	Lands	Pestid	Tree 1	Groun	Dekall	<b>Grounds Maintenance Workers</b>	Landscaping & Groundskeeping Workers	Pestic	Tree 1	Grour		Groun	Lands	Pestid	Tree 7	Grour			
1						ounty,						unty								
רטטו רטמוויץ	37-3000	37-3011	37-3012	37-3013	37-3019	Kane County, Dekalb and Kendall Counties	37-3000	37-3011	37-3012	37-3013	37-3019	Will County	37-3000	37-3011	37-3012	37-3013	37-3019			
5	37	3	m	ŝ	ŝ	¥	37	3	3	3	ë	3	ŝ	e	ŝ	ŝ	ŝ			

### **Advisory and Oversight**

Changes to the Plan of Study will be made by visiting the high schools, working with Career to Education advisors at the College of DuPage and high schools, and also the Horticulture Advisory Board at the College of DuPage. The Horticulture Advisory Board meets once in the fall semester and once in the spring semester to help Horticulture faculty determine the direction of its curriculum, provide feedback on the content of our courses and certificates, and also discuss trends in the industry. Membership on this advisory board includes high school faculty who teach courses in Horticulture and industry specific experts. The Program of Study is a regular agenda item at these meetings. Annual meetings with High School Career Technical Education Chairs will be held to review progress and adjustment.

### **Data Reporting and Analysis**

Annually, the Horticulture department conducts surveys of its graduates. The Horticulture program is implementing a survey to gain additional information to guide the actions of this plan.

#### Memorandum for Understanding For Program of Horticulture Between Reavis High School and College of DuPage

This Memorandum of Understanding (MOU) entered this 23rd day of April , 2019 is between Reavis High School and College of DuPage (COD).

#### INITIATIVE

Reavis High School and College of DuPage form a cooperative relationship to develop and implement a Program of Study (POS) in order to ensure that all students have access to rigorous and relevant educational opportunities that prepare them for success in college and careers. This Program of Study in Horticulture, along with related career planning materials, will serve as a guide for students as they continue with their educational and career goals.

#### COLLABORATION

Through this Memorandum of Understanding, both institutions agree to work collectively and collaboratively to create an aligned educational structure through the Program of Study in Horticulture with the goal of improving student learning.

#### TERMINATION

Either party may dissolve this agreement by giving 180 days advance written notice to the cooperating institution's president or chief academic officer.

In WITNESS WHEREOF, the undersigned parties, by and through their duly authorized officers, have executed this agreement between the High School and College of DuPage.

4.26.19

For - Reavis High School

Title: Principal/

For - College of DuPage

Ban Clant Title: Horticulture Dept. Coordinator

Kins Day

Title: Dean Business & Technology

	ers continue on a , used for learners	Work-Based Learning Opportunities		
	lanning materials, as learne r goals. *This Plan of Study uirements.	Other Required Courses / Recommended Electives	PE (0.5) and Health (0.5)	
	along with other career pl 's educational and career i as college entrance requ	Social Science	World History	
CIP Code: 01.1103 Pathway: Plant Systems	od and Natural Resources Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a ed coursework and should be individualized to meet each learner's educational and career goals. "This Plan of Study, used for learners itles and appropriate high school graduation requirements as well as college entrance requirements.	Science	Biology	
CIP Co Pathw	urces Career Cl should be individ high school gra	Mathemati cs	Algebra I	
Jree ources	Food and Natural Reso ended coursework and s se titles and appropriate	English	English I	-
gram of Study: Horticulture A.A.S. Degree ster: Agriculture, Food and Natural Resources	Career Cluster Plan of Study (based on the Agriculture, Food and Natural Resources Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. "This Plan of Study, used for learners educational institution, should be customized to the school graduation requirements as well as college entrance requirements."	CTE/Degree Major Courses		
m of Study: H : Agriculture, F	er Cluster Plan of Stu h. Courses listed with ational institution, sh	Grade	6	
gra ster	Care r pat educ	ГэүэД		

Education

, , , , ,	12 See Science Requirements	Hort 1100 (3) First Semester (15 credits) Busin 1100 or Hort 1130 (3) Busin 1100 or Hort 1130 (3)	Second Semester (11 to 17 credits) Program Elective (1 to 6)	Summer Term Program Elective (1 to 6) (1 to 6 credits)	Third Semester Program Elective (3 to 9) (6 to 9 credits)	Fourth Semester (12 to 15 credits) Program Elective (3 to 6)
or American Lit	Senior English Electives (1.0)	English 101 (3)	Speech 1100 (3)			
ľ	Trig, Stats, Calculus or AP Calculus		Math 1104 (3)			
	Scientific Research and Application or Physics or AP Biology		Biology 1110 or 1151 or Chemistry 1211 ( 4 to 5)			
	U.S. Government(.5) and Economics (.5)				Social and Behavioral Sciences (3)	
(orr) company = 1	PE electives (1.0)					Humanities and Fine Arts (3)
						HORT 2863 (3) Internship

e of DuPage | Horticulture 8 3

0

CONDARY

Community College: College of DuPage

Program of Study: Landscape Contracting & Management A.A.S Degree Cluster: Agriculture, Food and Natural Resources

High School: Reavis High School Pathway: Plant Systems **CIP Code:** 01.0605

This Career Cluster Plan of Study (based on the Agriculture, Food and Natural Resources Career Cluster) can serve as a guide, along with other career planning materials, as learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. "This Plan of Study, used for learners at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.

English Mathematic Science	English I Algebra I Biology	Oral Communication Geometry Chemistry	American Studies Algebra II (Dual Credit available) or American Lit	Senior English         Trig. Stats, Calculus         Scientific Research and Application of Physics or AP Electives (1.0)	English 1101 (3)	Speech 1100 (3)         Math 1104 (3)         Biology 1110 or 1151           Chemistry 1211 ( 4 to 5)         Chemistry 1211 ( 4 to 5)			
CTE/Degree Major Courses			See Science Reguirements	See Science Requirements	Hort 1100 (3) Hort 1101 (3) Hort 1109 (1) Hort 1110 (3) Hort 1130 (3)	Hort 1113 (3) Hort 2211 (3)	Hort 1114 (3) Hort 2231 (3) Program Elective (3)	Hort 1112 (3) Hort 2213 (3) Hort 2241 (3) Hort 2251 (3)	Hort 2235 (3) Hort 2242 (3) Hort 2261 (3)
Эрвтд	6	10	11	12	First Semester (16 credits)	Second Semester (16 to 17 credits)	Summer Term (9 credits)	Third Semester (15 credits)	Fourth Semester (15 credits)
	CTE/Degree Major Courses	Definition of the second of th	DARRY Level Communication Communication Communication	CTE/Degree     English     Mathematic       9     Grade     CTE/Degree       9     Major Courses     English I       10     I     Algebra I       11     See Science Requirements     Anerican Studies	Level     CTE/Degree     English     Mathematic       9     9     English I     Algebra I       10     10     Communication     Geometry       11     See Science Requirements     American Studies     Algebra II       12     See Science Requirements     Senior English     Trig. Stats, Calculus	Icycli     CTE/Degree     English     Mathematic       9     9     English     Algebra 1       10     10     10     10       11     See Science Requirements     American Studies     Algebra 1       12     See Science Requirements     American Studies     Algebra 1       11     See Science Requirements     American Studies     Algebra 1       12     See Science Requirements     American Studies     Algebra 1       13     (fo credits)     Hort 1100 (3)     Finglish 101 (3)       Hort 1100 (3)     Hort 1100 (3)     English 101 (3)     Algebra 1	DARRY     CTE/Degree     English I     Mathematic s and s	Image: CTEDBegree in the image in the i	Iovel     CTE/Degree     English     Mathematic       9     CTE/Degree     English I     Algebra I       9     English I     Algebra I       10     Oral     Communication       11     See Science Requirements     Communication       12     See Science Requirements     Algebra II       13     See Science Requirements     Algebra II       14     See Science Requirements     Algebra II       15     See Science Requirements     Algebra II       16     Credits)     Hort 1100 (3)       17is, Stats, Calculus     Senonetry       13     See Science Requirements       14     Second Samseter     Hort 1100 (3)       17is, Stats, Calculus     Second Samseter     Hort 1100 (3)       18     Hort 1113 (3)     Speech 1100 (3)       19     See Science Requirements     Second Samseter       10     Stats, Calculus     Second Samseter       11     See Science Requirements     Second Samseter       11     See Science Requirements     Second Samseter       113     Second Samseter     Hort 1110 (3)       114     Second Samseter     Hort 1110 (3)       115     Speech 1100 (3)     Math 114 (3)       10     Speech 1100 (3)     Math 1 (4 (3)

planning materials, as learners er goals. \*This Plan of Study. u 

 Community College:
 College of DuPage
 High School: Reavis High School

 Program of Study:
 Sustainable Urban Agriculture A.A.S Degree
 CIP Code: 01.0308

 Cluster:
 Agriculture, Food and Natural Resources
 Pathway: Plant Systems

 This Career Cluster Plan of Study (based on the Agriculture, Food and Natural Resources Career Cluster) can serve as a guide, along with other care caref on this plan are only recommended coursework and should be individualized to meet each learner's educational and c at an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as colloca outpress career customicants and appropriate high school graduation requirements as well as colloca outpress career customicants as well as colloca outpress care.

	Work-Based Learning Opportunities									Hort 2383 (3) Internship
t an educational institution, should be customized with course titles and appropriate high school graduation requirements as well as college entrance requirements.	Other Required Courses / Recommended Electives	PE (0.5) and Health (0.5)	PE electives (1.0)	PE electives (1.0)	PE electives (1.0)					Humanities and Fine Arts (3)
as college entrance require	Social Science	World History	Social Studies Electives	U.S. History (1.0)	U.S. Government(.5) and Economics (.5)					
uation requirements as well	Science	Biology	Chemistry	Horticulture (Dual Credit available)	Scientific Research and Application or Physics or AP Biology	Biology 1110 or 1151 or Chemistry 1211 ( 4 to 5)	Biology 2150 (4)	Earth 1135 (4)		
riate high school grad	Mathemat ics	Algebra I	Geometry	Algebra II	Trig, Stats, Calculus or AP Calculus		Math 1428 (3)		Math 1635 (4)	
ourse titles and approp	English	English I	Oral Communication	American Studies or American Lit	Senior English Electives (1.0)	English 1101 (3)	Speech 1100 (3)			
ld be customized with co	CTE/Degree Major Courses			See Science Requirements	See Science Requirements	Hort 1100 (3) Hort 1101 (3) Hort 2308 (3)	Hort 1141 (1) Hort 2300 (3) Hort 2305 (2)	Hort 1109 (1)	Hort 1125 (1) Hort 1135 (1) Hort 2301 (3) Hort 2302 (3) Hort 2303 (2)	Hort 2253 (3) Hort 2304 (3) Hort 2307 (2)
ational institution, shou	Grade	6	10	11	12	First Semester (14 to 15 credits)	Second Semester (16 credits)	Summer Term (1 to 6 credits)	Third Semester (14 credits)	Fourth Semester (14 credits)
t an educa	Education Level		УКУ	COND	IS		АЯХ	OND	POSTSEC	

College of DuPage | Horticulture

Funded pursuant to a grant from the Illinois Community College Board and funded 100% through the Carl D. Perkins Career and Technical Education Improvement Act of 2006.