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2120 Fyffe Road  
Columbus, OH 43210-1066

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September 22, 2009

Randy Smith  
Vice Provost  
203 Bricker Hall  
190 North Oval Mall

Dear Randy:

Attached you will find a proposal to change ATI's existing **Landscape Contracting and Construction AAS major**. The request is to change the name of the major/plan to **Landscape Horticulture Technologies** In addition they would like to create three unique specializations/subplans: "Construction", "Design" and "Management".

ATI would like this change approved for Winter 2010. The request has been approved by the faculty at ATI as well as the ATI Academic Affairs Committee. The administration in College including Bob Moser, Linda Martin and myself have reviewed and approved the proposal. The rationale for the request is included in the letter from Steve Neal.

Thank you for your consideration. If you have questions, please contact me.

Sincerely,

A handwritten signature in blue ink that reads "Jill A. Pfister".

Jill A. Pfister  
Assistant Dean , Academic Affairs  
And College Secretary



The Ohio State University Agricultural Technical Institute

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1328 Dover Road  
Wooster, OH 44691-4000  
Phone (330) 287-1331  
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June 29, 2009

Dr. Jill Pfister, Assistant Dean  
College of Food, Agricultural and Environmental Sciences  
The Ohio State University  
100E Agricultural Administration  
2120 Fyffe Rd.  
Columbus, OH 43210

Dear Dr. Pfister:

I am writing to request your approval for a change in ATI's existing Landscape Contracting and Construction AAS major. This request involves changing the name of the major/plan to "Landscape Horticulture Technologies" and creating three unique sub plans/specializations: "Construction," "Design," and "Management." I am requesting that this change become effective in the winter quarter 2010. The seven quarter sequences are attached for your review. This request has been approved by the ATI Academic Affairs Committee and by the ATI Faculty. Our intention is that these sub plans/specializations will also be utilized in the degree audit system. There are 9 new courses to establish the focused subject matter areas. Two of the new courses have been taught as group studies classes and the rest are either repackaging of existing course material or new more in-depth courses. The course changes will be forthcoming via the electronic course approval system.

Historically, the Landscape Contracting and Construction program had 4 specialty areas - landscape construction, landscape design, landscape installation, and landscape and grounds management. There was also a group of focused courses supporting the specialty areas. In 2000, as a result of a decrease in the total number of credit hours in associate degree programs at ATI, the Landscape Contracting and Construction program consolidated and eliminated the specializations and eliminated the specialized courses. Since that time there has been a steady decline in enrollment in the program.

This curriculum change will better serve the needs of the landscaping industry through better prepared graduates. Let me know if you have any questions or need any additional information regarding this proposed curriculum change.

Sincerely,

A handwritten signature in black ink that reads "Steven M. Neal".

Steven M. Neal  
Associate Director

Enclosure

## Landscape Horticulture Technologies

### Construction Option –Seven Quarter Sequence

#### First Quarter (Autumn)

Gen Biol	125T	General Botany with Applications	5
Gen Math	140T	Technical Math I	5
Gen Stds	201T	Personal and Career Orientation	1
Hort Tec	230T	Introduction to Landscape Industry Practices	2
Hort Tec	243T	Landscape Horticulture Plants and Materials I	<u>3</u>
			16

#### Second Quarter (Winter)

Bus Tec	202T	Introduction to Microcomputer Applications	1
Gen Comm	111T	First Year Written Composition	3
Gen Hum		Elective	3
Gen Math	145T	Technical Math II	5
Gen S Sc	184T	Hispanic Language and Culture in the Workplace	3
Hort Tec	244 T	Landscape Horticulture Plants and Materials II	<u>3</u>
			18

#### Third Quarter (Spring)

Eng Tech	222T	Irrigation and Drainage (1 <sup>st</sup> 5 wks)	3
Gen Comm	112T	Essentials of Oral Communications (1 <sup>st</sup> 5 wks)	3
Hort Tec	235T	Landscape Construction I (1 <sup>st</sup> 5 wks)	3
Hort Tec	290.03T	Internship in Landscape Horticulture (2 <sup>nd</sup> 5 wks)	<u>3</u>
			12

#### Fourth Quarter (Summer)

Hort Tec	290.03T	Internship in Landscape Horticulture	6
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#### Fifth Quarter (Autumn)

Bus Tec	244T	Human Resource Management	4
Bus Tec	151T	General Economics	4
Gen Chem	131T	Introduction to Chemistry I with Applications	4
Gen S Sc		Elective	3
Hort Tec		Elective	<u>3/4</u>
			18/19

#### Sixth Quarter (Winter)

Bus Tec	101T	Financial Accounting	5
Bus Tec	204T	Spreadsheet Applications (5 wks)	1
Crp&Soil	221T	Introduction to Soil and Soil Management	4
Eng Tech	240T	Engine Basics	4
Hort Tec	234T	Principles of Sustainable Landscape Practices	2
Hort Tec	237T	Landscape Estimating and Bidding	<u>2</u>
			18

#### Seventh Quarter (Spring)

Bus Tec	241T	Small Business Management	4
Eng Tech	225T	Introduction to Geographic Information Systems	3
Gen Comm	114T	Business Writing	3
Hort Tec	236T	Landscape Construction II	2
Hort Tec	275T	Plant Health Management	<u>4</u>
			16

TOTAL 104/105

## Landscape Horticulture Technologies

### Construction Option –Seven Quarter Sequence

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#### Technical Electives – Select 1 from the following list – need 3 credits

Eng Tech 215.02T	Horticultural Power and Equipment	4
Hort Tec 231T	Intro to Landscape Design and Planning	3
Hort Tec 245T	Herbaceous Plants	3
Hort Tec 246T	Propagation of Nursery and Greenhouse Crops	3
Hort Tec 272T	Principles of Weed Science in Horticultural Crops	4
Hort Tec 276T	Outdoor Gardening	3
Hort Tec 278T	Arboriculture	3
Hort Tec 234T	Principles of Sustainable Landscape Practices	2
Hort Tec 289.03T	Practicum in Landscape Horticulture	1

#### General Social Science/General Humanities – 6 credits required – 1 course from each group listed below:

##### Individual Development

Gen S Sc 171T	Personal Development - 3
Gen S Sc 172T	Personal Development and Service Learning - 3
Gen S Sc 173T	Life Span Psychology - 3

##### General Humanities

Gen Hum 190T	Humanities as a Window on Cultural Pluralism - 3
Gen Hum 191T	World Music Cultures - 3
Gen Hum 192T	World Religions - 3

## Landscape Horticulture Technologies

### Design Option –Seven Quarter Sequence

#### First Quarter (Autumn)

Gen Biol	125T	General Botany with Applications	5
Gen Math	140T	Technical Math I	5
Gen Stds	201T	Personal and Career Orientation	1
Hort Tec	230 T	Introduction to Landscape Industry Practices	2
Hort Tec	243T	Landscape Horticulture Plants and Materials I	<u>3</u>
			16

#### Second Quarter (Winter)

Bus Tec	202T	Introduction to Microcomputer Applications	2
Bus Tec	232T	Personal Selling	4
Gen Comm	111T	First Year Written Composition	3
Gen Chem	131T	Introductory Chemistry I with Applications	4
Hort Tec	244T	Landscape Horticulture Plants and Materials II	<u>3</u>
			16

#### Third Quarter (Spring)

Bus Tec	204T	Spreadsheet Applications (5 wks)	1
Gen Math	145T	Technical Math II	5
Gen Comm	114T	Business Communications	3
Hort Tec	276T	Outdoor Gardening	3
Hort Tec	275T	Plant Health Management	<u>4</u>
			16

#### Fourth Quarter (Summer)

Hort Tec	290.03T	Internship in Landscape Horticulture (Reduced from 9 to 6)	6
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#### Fifth Quarter (Autumn)

Bus Tec	151T	General Economics	5
Crp&Soil	221T	Introduction to Soil and Soil Management	4
Gen S Sc	184T	Hispanic Language in the Workplace	3
Hort Tec	231T	Introduction to Landscape Design and Planning	3
Hort Tec	270T	Digital Design Applications I (1 <sup>st</sup> 5 wks)	1
Hort Tec	271T	Digital Design Applications II (2 <sup>nd</sup> 5 wks)	<u>1</u>
			17

#### Sixth Quarter (Winter)

Bus Tec	206T	Web Design	1
Bus Tec	244T	Human Resource Management	4
Gen Hum		Elective	3
Hort Tec		Technical Elective	3/4
Hort Tec	232T	Advanced Landscape Design and Planning	3
Hort Tec	237T	Landscape Estimating and Bidding	<u>2</u>
			16/17

#### Seventh Quarter (Spring)

Bus Tec	101T	Financial Accounting	5
Gen Comm	112T	Essentials of Oral Communications	3
Gen S Sc		Elective	3
Hort Tec	233T	Planting Design	3
Hort Tec	245T	Herbaceous Plants	<u>3</u>
			17

Total 104/105

## Landscape Horticulture Technologies

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### Design Option –Seven Quarter Sequence

#### Technical Electives – Select 1 from the following list – need 3 credits

Bus Tec 241T	Small Business Management	4
Eng Tech 225T	Introduction to Geographic Information Systems	3
Hort Tec 235T	Landscape Construction I	3
Hort Tec 246T	Propagation of Nursery and Greenhouse Crops	4
Hort Tec 251T	Greenhouse Environmental Control	4
Hort Tec 257T	Houseplants for Interior Decoration	4
Hort Tec 278T	Arboriculture	3
Hort Tec 234T	Principles of Sustainable Landscape Practices	2
Hort Tec 289.03T	Practicum in Landscape Horticulture	1

#### General Social Science/General Humanities – 6 credits required – 1 course from each group listed below:

##### Individual Development

Gen S Sc 171T	Personal Development	3
Gen S Sc 172T	Personal Development and Service Learning	3
Gen S Sc 173T	Life Span Psychology	3

##### General Humanities

Gen Hum 190T	Humanities as a Window on Cultural Pluralism	3
Gen Hum 191T	World Music Cultures	3
Gen Hum 192T	World Religions	3

## Landscape Horticulture Technologies

### Management Option –Seven Quarter Sequence

#### First Quarter (Autumn)

Gen Biol	125T	General Botany with Applications	5
Gen Math	140T	Technical Math I	5
Gen Stds	201T	Personal and Career Orientation	1
Hort Tec	230 T	Introduction to Landscape Industry Practices	2
Hort Tec	243T	Landscape Horticulture Plants and Materials I	<u>3</u>
			16

#### Second Quarter (Winter)

Bus Tec	101T	Financial Accounting	5
Bus Tec	202T	Introduction to Microcomputer Applications	1
Gen Comm	111T	First Year Written Composition	3
Gen S Sc	184T	Hispanic Language and Culture in the Workplace	3
Hort Tec	234T	Principles of Sustainable Landscape Practices	2
Hort Tec	244T	Landscape Horticulture Plants and Materials II	<u>3</u>
			17

#### Third Quarter (Spring)

Hort Tec	290.03T	Internship in Landscape Horticulture	6
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#### Fourth Quarter (summer)

Gen Comm	112T	Essentials of Oral Communication (2 <sup>nd</sup> 5 wks)	3
Hort Tec	274T	Plant Diseases of Ornamentals and Turf (2 <sup>nd</sup> 5 wks)	3
Hort Tec	290.03T	Internship in Landscape Horticulture (1 <sup>st</sup> 5 wks)	3
LabBioSc	218T	General and Applied Entomology (2 <sup>nd</sup> 5 wks)	<u>3</u>
			12

#### Fifth Quarter (Autumn)

Bus Tec	151T	General Economics	5
Bus Tec	244T	Human Resource Management	4
Gen Chem	131T	Introductory Chemistry I with Applications	4
Hort Tec	278T	Arboriculture	3
LabBioSc	219T	Pesticides and Their Use	<u>3</u>
			19

#### Sixth Quarter (Winter)

Bus Tec	204T	Spreadsheet Applications (5 wks)	1
Gen Comm	114T	Business Communication	3
Crp&Soil	221T	Introduction to Soils and Soil Management	4
Gen Chem	132T	Introductory Chemistry II with Applications	4
Hort Tec	245T	Herbaceous Plants	3
Hort Tec	237T	Landscape Estimating and Bidding	<u>2</u>
			17

#### Seventh Quarter (Spring)

Gen Hum		Elective	3
Gen S Sc		Elective	3
Hort Tec	223T	Introduction to Turfgrass Management	3
Hort Tec	235T	Landscape Construction Practices (1 <sup>st</sup> 5 wks)	3
Hort Tec	238T	Professional Landscape Management	4
Hort Tec	289.03T	Practicum in Landscape Horticulture	<u>1</u>
			17

TOTAL 104

## Landscape Horticulture Technologies

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### Management Option –Seven Quarter Sequence

#### **Business Electives – 3 credits required**

Bus Tec 203T – Word Processing Applications - 1

Bus Tec 205T – Database Applications - 1

Bus Tec 206T – Web Design – 1

Bus Tec 231T – Fundamentals of Marketing – 3

Bus Tec 232T – Personal Selling – 4

Bus Tec 233T – Advertising and Promotion – 4

Bus Tec 241T – Small Business Management – 4

#### **General Social Science/General Humanities – 6 credits required – 1 course from each group listed below:**

##### **Individual Development**

Gen S Sc 171T Personal Development - 3

Gen S Sc 172T Personal Development and Service Learning - 3

Gen S Sc 173T Life Span Psychology - 3

##### **General Humanities**

Gen Hum 190T Humanities as a Window on Cultural Pluralism - 3

Gen Hum 191T World Music Cultures - 3

Gen Hum 192T World Religions - 3