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 rational for the request is included in the letter from Steve Neal.

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

Sincerely,

[Signature]

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

Steven M. Neal
Associate Director

Enclosure
# Landscape Horticulture Technologies

## Construction Option – Seven Quarter Sequence

### First Quarter (Autumn)
- **Gen Biol 12ST**: 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 3

### 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 244T**: Landscape Horticulture Plants and Materials II 3

### Third Quarter (Spring)
- **Eng Tech 222T**: Irrigation and Drainage (1st 5 wks) 3
- **Gen Comm 112T**: Essentials of Oral Communications (1st 5 wks) 3
- **Hort Tec 235T**: Landscape Construction I (1st 5 wks) 3
- **Hort Tec 290.03T**: Internship in Landscape Horticulture (2nd 5 wks) 3

### Fourth Quarter (Summer)
- **Hort Tec 290.03T**: Internship in Landscape Horticulture 6

### 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**: 3/4

### Sixth Quarter (Winter)
- **Bus Tec 101T**: Financial Accounting 5
- **Bus Tec 204T**: Spreadsheet Applications (5 wks) 1
- **Cftp&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 2

### 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 4

**TOTAL**: 104/105
Landscape Horticulture Technologies

Construction Option – Seven Quarter Sequence

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 3

**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 3

**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 4

**Fourth Quarter (Summer)**
- Hort Tec 290.03T: Internship in Landscape Horticulture (Reduced from 9 to 6) 6

**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 (1st 5 wks) 1
- Hort Tec 271T: Digital Design Applications II (2nd 5 wks) 1

**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 2

**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 3

**Total** 104/105
Landscape Horticulture Technologies
Design Option – Seven Quarter Sequence

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

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

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

Individual Development

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gen S Sc 171T</td>
<td>Personal Development</td>
<td>3</td>
</tr>
<tr>
<td>Gen S Sc 172T</td>
<td>Personal Development and Service Learning</td>
<td>3</td>
</tr>
<tr>
<td>Gen S Sc 173T</td>
<td>Life Span Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

General Humanities

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gen Hum 190T</td>
<td>Humanities as a Window on Cultural Pluralism</td>
<td>3</td>
</tr>
<tr>
<td>Gen Hum 191T</td>
<td>World Music Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Gen Hum 192T</td>
<td>World Religions</td>
<td>3</td>
</tr>
</tbody>
</table>
### Landscape Horticulture Technologies
#### Management Option – Seven Quarter Sequence

<table>
<thead>
<tr>
<th>First Quarter (Autumn)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Gen Biol 125T</td>
<td>General Botany with Applications 5</td>
</tr>
<tr>
<td>Gen Math 140T</td>
<td>Technical Math I 5</td>
</tr>
<tr>
<td>Gen Stds 201T</td>
<td>Personal and Career Orientation 1</td>
</tr>
<tr>
<td>Hort Tec 230T</td>
<td>Introduction to Landscape Industry Practices 2</td>
</tr>
<tr>
<td>Hort Tec 243T</td>
<td>Landscape Horticulture Plants and Materials I 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Quarter (Winter)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus Tec 101T</td>
<td>Financial Accounting 5</td>
</tr>
<tr>
<td>Bus Tec 202T</td>
<td>Introduction to Microcomputer Applications 1</td>
</tr>
<tr>
<td>Gen Comm 111T</td>
<td>First Year Written Composition 3</td>
</tr>
<tr>
<td>Gen S Sc 184T</td>
<td>Hispanic Language and Culture in the Workplace 3</td>
</tr>
<tr>
<td>Hort Tec 234T</td>
<td>Principles of Sustainable Landscape Practices 2</td>
</tr>
<tr>
<td>Hort Tec 244T</td>
<td>Landscape Horticulture Plants and Materials II 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Quarter (Spring)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hort Tec 290.03T</td>
<td>Internship in Landscape Horticulture 6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fourth Quarter (Summer)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Gen Comm 112T</td>
<td>Essentials of Oral Communication (2\textsuperscript{nd} 5 wks) 3</td>
</tr>
<tr>
<td>Hort Tec 274T</td>
<td>Plant Diseases of Ornamentals and Turf (2\textsuperscript{nd} 5 wks) 3</td>
</tr>
<tr>
<td>Hort Tec 290.03T</td>
<td>Internship in Landscape Horticulture (1\textsuperscript{st} 5 wks) 3</td>
</tr>
<tr>
<td>LabBioSc 218T</td>
<td>General and Applied Entomology (2\textsuperscript{nd} 5 wks) 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fifth Quarter (Autumn)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus Tec 151T</td>
<td>General Economics 5</td>
</tr>
<tr>
<td>Bus Tec 244T</td>
<td>Human Resource Management 4</td>
</tr>
<tr>
<td>Gen Chem 131T</td>
<td>Introductory Chemistry I with Applications 4</td>
</tr>
<tr>
<td>Hort Tec 278T</td>
<td>Arboriculture 3</td>
</tr>
<tr>
<td>LabBioSc 219T</td>
<td>Pesticides and Their Use 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sixth Quarter (Winter)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus Tec 204T</td>
<td>Spreadsheet Applications (5 wks) 1</td>
</tr>
<tr>
<td>Gen Comm 114T</td>
<td>Business Communication 3</td>
</tr>
<tr>
<td>Crp&amp;Soil 221T</td>
<td>Introduction to Soils and Soil Management 4</td>
</tr>
<tr>
<td>Gen Chem 132T</td>
<td>Introductory Chemistry II with Applications 4</td>
</tr>
<tr>
<td>Hort Tec 245T</td>
<td>Herbaceous Plants 3</td>
</tr>
<tr>
<td>Hort Tec 237T</td>
<td>Landscape Estimating and Bidding 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Seventh Quarter (Spring)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Gen Hum</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Gen S Sc</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Hort Tec 223T</td>
<td>Introduction to Turfgrass Management 3</td>
</tr>
<tr>
<td>Hort Tec 235T</td>
<td>Landscape Construction Practices (1\textsuperscript{st} 5 wks) 3</td>
</tr>
<tr>
<td>Hort Tec 238T</td>
<td>Professional Landscape Management 4</td>
</tr>
<tr>
<td>Hort Tec 289.03T</td>
<td>Practicum in Landscape Horticulture 1</td>
</tr>
</tbody>
</table>

| TOTAL                    | 104 |
Landscape Horticulture Technologies
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