

## PARAPROFESSIONAL EDUCATOR

### Paraprofessional Educator Certificate

This 32 credit-hour program is designed to promote the skills necessary when working with children in non-title 1 positions in K-12 public or private schools. Individuals can also use the certificate program toward completion of the Paraprofessional Education associate in applied science degree.

#### Required:

DIV	101	Exploring Diversity in the U.S.....	3
ECE	102	Child Development I .....	3
ECE	219	Students with Disabilities in School .....	3
EDU	201	Introduction to Education.....	3
EDU	202	Pre-Student Teaching Clinical Experience .....	1
EDU	211	Educational Psychology .....	3
EDU	230	Introduction to Language Arts in Elementary/Middle School Teaching .....	3
EDU	250	Introduction to Technology in Education.....	3
LIT	219	Children's Literature .....	3
MTH	130	Mathematics for Elementary Teaching I .....	4
PSY	101	Introduction to Psychology .....	3

## PARK AND GOLF MAINTENANCE

### Associate in Applied Science Degree

Students can prepare for employment with municipal park districts, property management agencies, cemetery/memorial parks, industry/office parks, educational facilities, golf courses and other related careers.

Students earning an associate in applied science degree in Park and Golf Maintenance are required to complete 63 credit hours.

#### Required General Education Courses:

BIO	120	Botany.....	4
		Communications electives <sup>1</sup> .....	6
		Mathematics elective <sup>2</sup> .....	3
PED	201 <sup>3</sup>	Safety and First Aid .....	3
Students must select five credit hours from at least two of the following areas:			
		Humanities <sup>4</sup> , Natural Sciences or Social Sciences <sup>4</sup> .....	5

#### Required Core Courses:

PKM	100 <sup>4</sup>	Park and Horticulture Careers.....	1
PKM	140	Grounds Equipment and Shop Operation.....	4
PKM	210 <sup>4</sup>	Drainage and Irrigation.....	3
PKM	213	Landscape Graphics .....	3
PKM	220 <sup>5</sup>	Arboriculture .....	4
PKM	242 <sup>7</sup>	Golf Course and Athletic Field Management.....	4
PKM	250	Park Management Seminar (5).....	1
PST	101 <sup>4</sup>	Woody Plants .....	4
PST	102 <sup>5</sup>	Plant Diseases and Pests .....	4
PST	104	Beginning Floral Design .....	3
PST	110	Soil Science .....	4
PST	111	Basic Horticultural Skills .....	3
PST	212 <sup>4</sup>	Turfgrass Science.....	4

<sup>1</sup> Students may elect ENG 100, ENG 101 or ENG 102, depending on their test scores and advice of a Student Development faculty member. ENG 130 may be taken as the second English course.

<sup>2</sup> A competency test, available in the Assessment and Testing Center, may be utilized to meet the mathematics requirement. Students who utilize the competency test to meet the mathematics requirement must complete a three credit-hour PKM or PST elective.

<sup>3</sup> May be waived if a comparable certificate is presented.

<sup>4</sup> Offered during fall semester only.

<sup>5</sup> Offered during spring semester only.

<sup>6</sup> See coordinator.

<sup>7</sup> May be offered every other year.

♦ Students need to choose a course to meet the Humanities or Social Science requirement that also meets the World Cultures and Diversity graduation requirement.

## **PARK AND GOLF MAINTENANCE**

### **Arboriculture Certificate**

*Graduates of this 21 credit-hour certificate program will be able to select, operate and care for the appropriate tools and equipment used in this field, as well as diagnosing and correcting tree problems and performing all tree maintenance procedures in a safe and efficient manner.*

**Required:**

PKM	100	Park and Horticulture Careers.....	1
PKM	140	Grounds Equipment and Shop Operation.....	4
PKM	220	Arboriculture .....	4
PST	101	Woody Plants .....	4
PST	110	Soil Science .....	4
PST	111	Basic Horticultural Skills .....	3

### **Golf Course and Athletic Field Maintenance Certificate**

*Graduates of this 27 credit-hour certificate program are prepared for employment or promotion in the golf course industry, turfgrass production and athletic field maintenance.*

**Required:**

PKM	100	Park and Horticulture Careers.....	1
PKM	140	Grounds Equipment and Shop Operation.....	4
PKM	210	Drainage and Irrigation .....	3
PKM	242	Golf Course and Athletic Field Management.....	4
PST	102	Plant Diseases and Pests .....	4
PST	110	Soil Science .....	4
PST	111	Basic Horticultural Skills .....	3
PST	212	Turfgrass Science.....	4

### **Turfgrass and Grounds Maintenance Certificate**

*Graduates of this 27 credit-hour certificate program prepared for employment or promotion culture and care of gardens, landscapes, parks, turfgrass and other passive or active grounds areas.*

**Required:**

PKM	100	Park and Horticulture Careers.....	1
PKM	140	Grounds Equipment and Shop Operation.....	4
PKM	210	Drainage and Irrigation .....	3
PST	101	Woody Plants .....	4
PST	102	Plant Diseases and Pests .....	4
PST	110	Soil Science .....	4
PST	111	Basic Horticultural Skills .....	3
PST	212	Turfgrass Science.....	4