



Sports Field Management Association

## Turfgrass Science Certification



The SFMA Turfgrass Science Certification verifies individuals have obtained foundational knowledge and skills in the areas of turfgrass science and management, as well as the ability to pursue a career in the turfgrass industry.

### CERTIFICATION EXAM

The certification exam, hosted on the ICEV platform, consists of 100 questions and assesses knowledge and skills from the following weighted industry standards:



5%

Benefits of Turfgrass



20%

Turfgrass Anatomy, Identification & Adaptations



25%

Turfgrass Environment



30%

Turfgrass Cultural Practices



20%

Playing Surface Preparation

### MEETING THE INDUSTRY NEED

- ✦ Assesses Competencies Based on Weighted Industry-Valued & Industry-Accepted Standards
- ✦ Validates Knowledge & Skills
- ✦ Allows Employers to Identify & Connect with Skilled Candidates
- ✦ Jump-Starts Individuals' Careers

### INDUSTRY STANDARDS BREAKDOWN

#### Benefits of Turfgrass

Environmental Benefits  
Community Benefits  
Economic Benefits

#### Turfgrass Anatomy, Identification & Adaptations

Turfgrass Anatomy  
Turfgrass Identification  
Climatic Adaptations  
Criteria for Selecting Turfgrass Species

#### Turfgrass Environment

Plant Growth Requirements  
Soil Types  
Soil Properties  
Choosing a Proper Growing Medium  
Drainage  
Compaction

#### Turfgrass Cultural Practices

Mowing  
Nutrient Management  
Irrigation  
Aeration  
Topdressing  
Seeding/Sodding/Sprigging  
Integrated Pest Management  
Weeds, Insects & Diseases  
Equipment/Tools  
Establishment

#### Playing Surface Preparation

Field Dimensions  
Surface Playability  
Sports Specific Preparation  
Field Marking & Logo Painting  
Quality, Evaluation & Safety of Surfaces & Facilities  
Seasonal/Annual Maintenance

## EXAMPLE ASSESSMENT QUESTIONS

1. Which of the following warm-season grass can be identified by its rounded blunt shaped leaf tip?  
  - A** Bermudagrass
  - B** Zoysiagrass
  - C** St. Augustinegrass
  - D** Bahiagrass
2. Select the correct answer from the choices provided in the underlined section.

If a turfgrass manager is attempting to enhance green color without additional foliar growth, they should apply nitrogen / iron fertilizer.

3. It is important to determine the appropriate \_\_\_\_\_, which represents the percentage of reference evapotranspiration, or ET, that should be replaced to support the growth and productivity of the turfgrass system.  
  - A** Rooting depth
  - B** Infill material
  - C** Crop coefficient
  - D** Field width



## TESTING PLATFORM

SFMA utilizes iCEV as the testing platform for this certification.

iCEV fulfills the following responsibilities:

1. Provides secure testing technology for certification exams
2. Regulates testing environments
3. Works with secondary and post-secondary academic institutions, workforce development associations and the public at large to offer certification options for career advancement
4. Provides certification verification to employers for potential job applicants
5. Offers optional certification exam preparation materials

## Schedule a Demo & Get a Free Trial

### Schedule a demo today to discuss:

- The wide range of subjects iCEV brings to life
- Abundant resources available for learner engagement and education
- Solutions to teaching challenges with iCEV support
- How you'll be supported by the iCEV team

After your demo, try iCEV with a **FREE 30-day unlimited access trial** to our full library, offering innovative career & technical education curriculum accessible anytime, anywhere.



[www.icevonline.com/live](http://www.icevonline.com/live)

**Contact Us:** Contact iCEV's dedicated support team by phone, email or fax.



800.922.9965



customersupport@icevonline.com



800.243.6398

## About the Sports Field Management Association

The Sports Field Management Association is a non-profit, professional association for men and women who manage outdoor sports fields worldwide. Since 1981, SFMA has been providing education and practical knowledge in the art and science of sports field management. SFMA's mission is to advance professionalism in sports field management and safety through education, awareness programs and industry development.

"This certification will give those interested in the turfgrass industry an excellent resource to prove they possess the base education necessary to be successful."

### Adam Thoms, Ph.D.

President-Elect  
Sports Field Management Association