

**HALT 2373**  
**Synth. Sports Turfgrass Applications**  
**Western Texas College**

I. Basic Course Information

- A. Course Description: An overview of synthetic turfgrass for sports fields. Topics include history of synthetic turf, selection of synthetic turfgrass, construction and installation of synthetic fields, troubleshooting, maintenance and repair.
- B. Prerequisites: None

II. Student Learning Outcomes

- A. Differentiate between synthetic turf and natural turf applications
- B. Prepare a construction and installation plan of a synthetic turfgrass field
- C. Develop a plan for the maintenance of synthetic turfgrass fields.

III. Online Testing Requirements

- A. Course exams must be proctored by an approved testing organization. (Ask your instructor for more details.)
- B. Students are not allowed to use their book or notes of any kind while taking their proctored tests and exams.

IV. Major Course Requirements: The grade for this course will be determined as follows:

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|--------------------|-----|
| A. Exams:          | 30% |
| B. Lab Assignments | 60% |
| C. Participation:  | 10% |
| D. Grading scale:  |     |
| A= (90-100%)       |     |
| B= (80-89%)        |     |
| C= (70-79%)        |     |
| D= (60-69%)        |     |

V. Information on Books and Other Course Materials

- A. Title: Sports Fields: A Construction & Maintenance Manual
- B. Edition: 2020
- C. Publisher: American Sports Builders Association
- D. ISBN-13: 978-0-9860051-8-3

VI. Other Policies, Procedures and important dates: Please refer to the WTC Course Catalog for the following:

- A. Campus Calendar
- B. Final exam schedule
- C. How to drop a class
- D. Withdrawal information
- E. Student Conduct/Academic Integrity
- F. Class Attendance
- G. Students with disabilities

### VII. Course Sequence & Content

<b>Week</b>	<b>Topic</b>
Week 1	Course Introduction
Week 2	The History of Synthetic Turf
Week 3	Synthetic Turf V. Natural Turf
Week 4	Synthetic Turf: Advantages and Disadvantages
Week 5-6	Synthetic Turf Fields: Overview
Week 7-8	Construction
Week 9-10	Installation
Week 11-12	Synthetic Fields: Care and Maintenance
Week 13-14	Removing, Reclaiming, and Recycling Synthetic Turf
Week 15	Review
Week 16	Final Exam

Disclaimer: Sequence & Content is subject to change at the instructor's discretion.