

Golf Course Design

Instructor: Gayle Posipanko

Room number: B202

School phone: 981-1100

Email address: gposipan@rhmail.org

Web page: <http://www.rock-hill.k12.sc.us/schools/high/atc/atchome/atchome1.htm>

Class time: Fourth block daily 2:07-3:30 p.m.

Course description: The Golf Course Design Class is designed to teach technical knowledge and skills for entry-level positions in the golf course industry. Students will learn the principles and practices involved in establishing, managing, and maintaining grass areas for golf courses as well as develop an understanding for basic golf course design.

Methods of instruction: Typical instructional activities include hands-on experiences with analyzing problems and developing site plans for golf courses; managing practices of grass areas including establishing, fertilizing, irrigating, and pest control; operating and maintaining lawn equipment; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities. The instructor will select units of instruction based on a local need's assessment. Lectures will be presented before the students participate in laboratory activities. The format will include visual aids, Power Points, student presentations and guest speakers. Students may be required to participate in self-study and group study activities.

Objectives:

1. To prepare the student for a career direction. Depending on the individual, this may include entry-level and above job skills, self-employment, and/or college entry.
2. To expose the student to knowledge and appreciation of the plant world and horticulture as it relates to the golf industry.
3. To prepare students to work with other people and to accept diversification.

Course Topics: Given the outdoor nature of this course, the following schedule is tentative. The units will be taught to coincide with the outdoor lab activities.

Week 1 Orientation/Safety

Week 2 Tractor Safety

Week 3 Lawn Equipment Operation

Week 4 Warm and Cool Season Grasses and Weeds Identification

Week 5 Golf...the Game

Week 6 Course Designing

Week 7 Soils

Week 8 Surveying and Establishing Grade
Week 9 FFA
Week 10 Fertilizers and Soil Amendments
Week 11 Resumes and Job Applications
Week 12 Pests and Pesticides
Week 13 Turf Installation
Week 14 Turf Maintenance
Week 15 Landscaping the Course
Week 16 Irrigation
Week 17 Small Engines
Week 18 Exam Review

Textbook: Turfgrass Science and Management by Robert Emmons

Class requirements:

1. a 1" 3-ring binder
2. a pencil or a black ink pen
3. a watch
4. coveralls or overalls with a high neck tee shirt
5. fully-enclosed, hard-soled shoes
6. safety glasses (Glasses are available but miss use will result in the students providing their own.)
7. FFA dues of \$10 are required to participate in trips, awards, and FFA scholarships
8. a willingness to work with classmates
9. a lock for the locker

Grading Plan for each grading period:

50% Daily grade: Students will be given a grade on most days based on job performance. For each day missed, a one-page typed report on the lab activity will be accepted. The report will be due within one week of returning to class.

Students will be given a "0" for a daily grade and not allowed to participate without proper shoes or safety glasses. Students will be required to dress in appropriate clothing that does not distract not hinder the performance of themselves or other classmates.

50% Tests: Students will be given tests often. The format may be written, oral or practical. If a student has an excused absence on a test day, an appropriate time will be set for the test. A student will be expected to take any test given while in attendance regardless to the number of absences prior to the test day.

Extra credit will be given for some class-related activities outside of class time. Other extra credit is available but must be approved by Mrs. Posipanko in advance.

Grading Plan for the semester:

40% First 9 weeks grading period

40% Second 9 weeks grading period

20% Final exam: This will be a cumulative exam based on the entire semester.

****Attendance is important! Missing in excess of 6 days per semester will automatically constitute a failing grade due to district policy.**

Behavior Expectations:

1. This class is designed to prepare the student for the working world. I expect students to participate with this in mind. Employers often ask for a reference and I can only recommend based on the performance I see during class.
2. All school rules will be followed.
3. Students should always act as if they are being watched by a potential employer. Many times they will be invited to observe without notification.
4. If a student has a good reason for not working on an assignment, please consult me first. NEVER refuse or complain about working with a customer or another student in their presence!
5. Fun is when we are all having fun. Students should not provide entertainment unless they feel comfortable with administrators and parents seeing it!
6. Treat all students, teachers and guests with respect.
7. Appropriate dress is required for outdoor lab participation. Inappropriate shoes and lack of safety glasses are a safety violation and will be treated as such.
8. No eating or drinking will be allowed outside. No job in this industry can afford an employee who needs food every hour!
9. I do not mind if food is brought into the class as long as it is not a distraction. If I have to pick up trash or clean up because of food, then it will be eliminated.
10. Bathroom breaks will be taken before class and at the end of class. Class field trips do not allow time for this once we leave campus. This is a job expectation as employees will have to take care of these needs. Employees will not be allowed to go into a customer's house nor leave the job site. Relieving oneself in public or on private property is against the law.
11. If you must chew gum, keep it in your mouth or put it in the trash.

12. Once students are given their assignment for the day, they are expected to stay in that area until it is time to clean up. A "0" and write up for skipping may be the consequence if any student is found in an unassigned area.

13. Tardy is considered not being in the room when the bell rings. Students will have to call a parent each time they are tardy. I understand parents do not want to be disturbed at work but I cannot do my work until attendance is done.

14. If ISS or OSS is given for any reason, then that student will not be allowed to participate in any off-campus FFA events.

15. Walkie-talkies may be used in the class activities. These are for communicating only with me and not for socializing.

16. Computers are available in the classroom. Students are expected to use them ONLY for my class requirements. Students will sign in and out to use them.

I have read and understand all the classroom and school expectations. I will agree to follow them.

(Student Signature)

(Parent Signature)

Turf and Lawn Management

Instructor: Gayle Posipanko

Room number: B202

School phone: 981-1100

Email address: gposipan@rhmail.org

Web page: <http://www.rock-hill.k12.sc.us/schools/high/atc/atc/home/atc/home1.htm>

Class time: Second block daily 10:15-11:35 AM

Course description: The Turf and Lawn Management Course is designed to teach technical knowledge and skills for entry-level positions in the turf grass industry. The principles and practices involved in establishing, managing, and maintaining grass areas for ornamental and/or recreational purposes are studied.

Methods of instruction: Typical instructional activities include hands-on experiences with analyzing problems and developing site plans for residential, commercial, and recreational lawns; management of grass areas including establishing, fertilizing, irrigating, and pest control; operating and maintaining machinery and equipment; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities. The instructor will select units of instruction based on a local need's assessment. Lectures will be presented before the students participate in laboratory activities. The format will include visual aids, Power Points, student presentations and guest speakers. Students may be required to participate in self-study and group study activities.

Objectives:

1. To prepare the student for a career direction. Depending on the individual, this may include entry-level and above job skills, self-employment, and/or college entry.
2. To expose the student to knowledge and appreciation of the plant world and the horticulture industry.
3. To prepare students to work with other people and to accept diversification.

Course Topics: Given the outdoor nature of this course, the following schedule is tentative. The units will be taught to coincide with the outdoor lab activities.

Week 1 Orientation/Safety

Week 2 Tractor Safety

Week 3 Lawn Equipment Operation

Week 4 Warm Season Grasses and Weeds Identification

Week 5 Cool Season Grasses and Weeds Identification

Week 6 Soils
Week 7 Fertilizers and Soil Amendments
Week 8 Pests and Pesticides
Week 9 FFA
Week 10 Developing Residential and Commercial Lawns
Week 11 Developing Recreational Fields
Week 12 Developing Golf Courses
Week 13 Turf Installation
Week 14 Turf Maintenance
Week 15 Career Opportunities
Week 16 Irrigation
Week 17 Small Engines
Week 18 Exam Review

Textbook: Turfgrass Science and Management by Robert Emmons

Class requirements:

1. a 1" 3-ring binder
2. a pencil or a black ink pen
3. a watch
4. coveralls or overalls with a high neck tee shirt
5. fully-enclosed, hard-soled shoes
6. safety glasses (Glasses are available but misuse will result in the students providing their own.)
7. FFA dues of \$10 are required to participate in trips, awards, and FFA scholarships
8. a willingness to work with classmates
9. a lock for the locker

Grading Plan for each grading period:

50% Daily grade: Students will be given a grade on most days based on job performance. For each day missed, a one-page typed report on the lab activity will be accepted. The report will be due within one week of returning to class.

Students will be given a "0" for a daily grade and not allowed to participate without proper shoes or safety glasses. Students will be required to dress in appropriate clothing that does not distract not hinder the performance of themselves or other classmates.

50% Tests: Students will be given tests often. The format may be written, oral or practical. If a student has an excused absence on a test day, an appropriate time will be set for the test. A student will be expected to take any test given while in attendance regardless to the number of absences prior to the test day.

Extra credit will be given for some class-related activities outside of class time. Other extra credit is available but must be approved by Mrs. Posipanko in advance.

Grading Plan for the semester:

40% First 9 weeks grading period

40% Second 9 weeks grading period

20% Final exam: This will be a cumulative exam based on the entire semester.

****Attendance is important!** Missing in excess of 6 days per semester will automatically constitute a failing grade due to district policy.

Behavior Expectations:

1. This class is designed to prepare the student for the working world. I expect students to participate with this in mind. Employers often ask for a reference and I can only recommend based on the performance I see during class.
2. All school rules will be followed.
3. Students should always act as if they are being watched by a potential employer. Many times they will be invited to observe without notification.
4. If a student has a good reason for not working on an assignment, please consult me first. NEVER refuse or complain about working with a customer or another student in their presence!
5. Fun is when we are all having fun. Students should not provide entertainment unless they feel comfortable with administrators and parents seeing it!
6. Treat all students, teachers and guests with respect.
7. Appropriate dress is required for outdoor lab participation. Inappropriate shoes and lack of safety glasses are a safety violation and will be treated as such.
8. No eating or drinking will be allowed outside. No job in this industry can afford an employee who needs food every hour!
9. I do not mind if food is brought into the class as long as it is not a distraction. If I have to pick up trash or clean up because of food, then it will be eliminated.
10. Bathroom breaks will be taken before class and at the end of class. Class field trips do not allow time for this once we leave campus. This is a job expectation as employees will have to take care of these needs. Employees will not be allowed to go into a customer's house nor leave the job site. Relieving oneself in public or on private property is against the law.

11. If you must chew gum, keep it in your mouth or put it in the trash.
12. Once students are given their assignment for the day, they are expected to stay in that area until it is time to clean up. A "0" and write up for skipping may be the consequence if any students who is found in an unassigned area.
13. Tardy is considered not being in the room when the bell rings. Students will have to call a parent each time they are tardy. I understand parents do not want to be disturbed at work but I cannot do my work until attendance is done.
14. If ISS or OSS is given for any reason, then that student will not be allowed to participate in any off-campus FFA events.
15. Walkie-talkies may be used in the class activities. These are for communicating only with me and not for socializing.
16. Computers are available in the classroom. Students are expected to use them ONLY for my class requirements. Students will sign in and out to use them.

I have read and understand all the classroom and school expectations. I will agree to follow them.

(Student Signature)

(Parent Signature)

Nursery, Greenhouse, & Garden Center Technology

Instructor: Gayle Posipanko

Room number: B202

School phone: 981-1100

Email address: gposipan@rhmail.org

Web page: <http://www.rock-hill.k12.sc.us/schools/high/atc/atc/home/atc/home1.htm>

Class time: Second block daily 8:30-10:00 a.m.

Course description: The Nursery, Greenhouse and Garden Center Technology Course includes organized subject matter and practical experiences which relates to the operation and management of a nursery, a greenhouse or a garden center. Instruction emphasizes knowledge and understanding the importance of establishing, maintaining, and managing “green industry” enterprises. Instructional activities include hands-on experiences with propagating, growing, establishing, and maintaining nursery plants and greenhouse crops; tissue culture techniques; designing indoor landscapes; sales analysis and management; participating in personal and community leadership development activities; planning and implementing a relevant school-to-work transition experience; and participating in FFA activities.

Methods of instruction: The instructor will select units of instruction based on a local need’s assessment. Most units will consist of hands-on activities that may be performed individually or as a group. Lectures will be presented before students participate in laboratory activities. The format will include visual aids, Power Points, student presentations and guest speakers. Students may be required to participate in self-study and group study activities.

Objectives:

1. To prepare the student for a career direction. Depending on the individual, this may include entry-level and above job skills, self-employment, or college entry.
2. To expose the student to knowledge and appreciation of the plant world and the horticulture industry.
3. To prepare students to work with other people and to accept diversification.

Course Topics: Given the outdoor nature of this course, the following schedule is tentative. The units will be taught to coincide with the outdoor lab activities.

Week 1 Orientation/Safety

Week 2 Tractor Safety

Week 3 Plant Parts

Week 4 Propagation

Week 5 Soils

Week 6 Fertilizers and Soil Amendments
Week 7 Plant Classifications
Week 8 Pests and Pesticides
Week 9 FFA
Week 10 Greenhouses and Facilities
Week 11 Marketing
Week 12 Landscaping
Week 13 Transplanting
Week 14 Floral Design
Week 15 Career Opportunities
Week 16 Crop Scheduling
Week 17 Transplanting
Week 18 Exam Review

Textbook: Introduction to Horticulture

Class requirements:

1. a 1" 3-ring binder
2. a pencil or a black ink pen
3. a watch
4. coveralls or overalls with a high neck tee shirt
5. fully-enclosed, hard-soled shoes
6. safety glasses (Glasses are available but miss use will result in the students providing their own.)
7. FFA dues of \$10 are required to participate in trips, awards, and FFA scholarships
8. a willingness to work with classmates
9. a lock for the locker

Grading Plan for each grading period:

50% Daily grade: Students will be given a grade on most days based on attitude, effort, and performance. For each day missed, a one-page typed report on the lab activity will be accepted. The report will be due within one week of returning to class.

Students will be given a "0" for a daily grade and not allowed to participate without proper shoes or safety glasses. Twenty-five points will be deducted each day coveralls are not worn. Students will be given two weeks to get coveralls but shoes are needed every day to participate.

50% Tests: Students will be given tests often. The format may be written, oral or practical. If a student has an excused absence on a test day, an appropriate time will be set for the test. A student will be expected to take any test given while in attendance regardless to the number of absences prior to the test day.

Extra credit will be given for some class-related activities outside of class time. Other extra credit is available but must be approved by Mrs. Posipanko in advance.

Grading Plan for the semester:

40% First grading period

40% Second grading period

20% Final exam: This will be a cumulative exam based on the entire semester.

****Attendance is important! Missing in excess of 6 days per semester will automatically constitute a failing grade due to district policy.**

Behavior Expectations:

1. This class is designed to prepare the student for the working world. I expect students to participate with this in mind. Employers often ask for a reference and I can only recommend based on the performance I see during class.

2. All school rules will be followed.

3. Students should always act as if they are being watched by a potential employer. Many times they will be invited to observe without notification.

4. If a student has a good reason for not working on an assignment, please consult me first. NEVER refuse or complain about working with a customer or another student in their presence!

5. Fun is when we are all having fun. Students should not provide entertainment unless they feel comfortable with administrators and parents seeing it!

6. Treat all students, teachers and guests with respect.

7. Appropriate dress is required for outdoor lab participation. Inappropriate shoes and lack of safety glasses are a safety violation and will be treated as such.

8. No eating or drinking will be allowed outside. No job in this industry can afford an employee who needs food every hour!

9. I do not mind if food is brought into the class as long as it is not a distraction. If I have to pick up trash or clean up because of food, then it will be eliminated.

10. Bathroom breaks will be taken before class and at the end of class. Class field trips do not allow time for this once we leave campus. This is a job expectation as employees will have to take care of these needs. Employees will not be allowed to go into a customer's house nor leave the job site. Relieving oneself in public or on private property is against the law.

11. If you must chew gum, keep it in your mouth or put it in the trash.
12. Once students are given their assignment for the day, they are expected to stay in that area until it is time to clean up. A "0" and write up for skipping may be the consequence if any student is found in an unassigned area.
13. Tardy is considered not being in the room when the bell rings. Students will have to call a parent each time they are tardy. I understand parents do not want to be disturbed at work but I cannot do my work until attendance is done.
14. If ISS or OSS is given for any reason, then that student will not be allowed to participate in any off-campus FFA events.
15. Walkie-talkies may be used in the class activities. These are for communicating only with me and not for socializing.
16. Computers are available in the classroom. Students are expected to use them ONLY for my class requirements. Students will sign in and out to use them.

I have read and understand all the classroom and school expectations. I will agree to follow them.

(Student Signature)

(Parent Signature)

Landscape Design

Instructor: Gayle Posipanko

Room number: B202

School phone: 981-1100

Email address: gposipan@rhmail.org

Web page: <http://www.rock-hill.k12.sc.us/schools/high/atc/atc/home/atc/home1.htm>

Course Description: The purpose of Landscape Design is to expose the student to careers and opportunities in the landscape industry. A combination of subject matter and activities will prepare the student for post secondary classes or entry-level job positions in this field.

Methods of instruction: Typical instructional activities include drawing designs for residential and commercial use. Students will assist customers with designs and make presentations to customers. Lectures will include the planning and selection of plant materials as well as for the construction of hardscapes; the mechanical practices associated with irrigation and water conservation; participating in personal and community leadership development activities; planning and implementing a relevant supervised agricultural experience; and participating in FFA activities. Hands-on activities will depend on available projects. The teacher may select additional competencies based on a local need's assessment.

Objectives:

1. To prepare the student for a career direction. Depending on the individual, this may include entry-level and above job skills, self-employment, or college entry.
2. To expose the student to knowledge and appreciation of the plant world and the horticulture industry.
3. To prepare students to work with other people and to accept diversification.

Course Topics: Given the outdoor nature of this course, the following schedule is tentative. The units will be taught to coincide with the outdoor lab activities.

Week 1 Orientation/Lettering

Week 2 Designing Borders and Symbols

Week 3 Designing Signs

Week 4 Symmetrical Residential Landscapes

Week 5 Asymmetrical Residential Landscapes

Week 6 Commercial Landscapes

Week 7 Landscape Maintenance
Week 8 Pests and Pesticides
Week 9 FFA
Week 10 Landscape Installation
Week 11 Landscape Irrigation
Week 12 Turf
Week 13 Landscape Lighting
Week 14 Hardscapes
Week 15 Career Opportunities
Week 16 Landscape Budgets
Week 17 Marketing and Business
Week 18 Exam Review

Textbook: Introduction to Landscape Design

Class requirements:

1. a 1" 3-ring binder
2. a pencil or a black ink pen
3. a watch
4. coveralls or overalls with a high neck tee shirt
5. fully-enclosed, hard-soled shoes
6. safety glasses (Glasses are available but miss use will result in the students providing their own.)
7. FFA dues of \$10 are required to participate in trips, awards, and FFA scholarships
8. a willingness to work with classmates
9. erasers
10. color pencils
11. a lock for the locker

Grading Plan for each grading period:

50% Daily grade: Students will be given a grade on most days based on attitude, effort, and performance. For each day missed, a one-page typed report on the lab activity will be accepted. The report will be due within one week of returning to class.

For outdoor activities, students will be given a "0" for a daily grade and not allowed to participate without proper shoes or safety glasses. Students will be required to dress in appropriate clothing that does not distract not hinder the performance of themselves or other classmates.

20% Tests: Students will be given tests. The format may be written, oral or practical. If a student has an excused absence on a test day, an appropriate time will be set for the test. A student will

be expected to take any test given while in attendance regardless to the number of absences prior to the test day.

30% Drawings: The deadline will be given when the drawing is assigned without any extensions. A zero will result in a drawing not turned in. This is due in fact because the customer will usually be taking off work to come in for the presentation and will not return a second day. The student cannot get feedback if no presentation is made.

Extra credit will be given for some class-related activities outside of class time. Other extra credit is available but must be approved by Mrs. Posipanko in advance.

Grading Plan for the semester:

40% First grading period

40% Second grading period

20% Final exam: This will be a cumulative exam based on the entire semester.

****Attendance is important!** Missing in excess of 6 days per semester will automatically constitute a failing grade due to district policy.

Behavior Expectations:

1. This class is designed to prepare the student for the working world. I expect students to participate with this in mind. Employers often ask for a reference and I can only recommend based on the performance I see during class.

2. All school rules will be followed.

3. Students should always act as if they are being watched by a potential employer. Many times they will be invited to observe without notification.

4. If a student has a good reason for not working on an assignment, please consult me first. NEVER refuse or complain about working with a customer or another student in their presence!

5. Fun is when we are all having fun. Students should not provide entertainment unless they feel comfortable with administrators and parents seeing it!

6. Treat all students, teachers and guests with respect.

7. Appropriate dress is required for outdoor lab participation. Inappropriate shoes and lack of safety glasses are a safety violation and will be treated as such.

8. No eating or drinking will be allowed outside. No job in this industry can afford an employee who needs food every hour!

9. I do not mind if food is brought into the class as long as it is not a distraction. If I have to pick up trash or clean up because of food, then it will be eliminated.

10. Bathroom breaks will be taken before class and at the end of class. Class field trips do not allow time for this once we leave campus. This is a job expectation as employees will have to take care of these needs. Employees will not be allowed to go into a customer's house nor leave the job site. Relieving oneself in public or on private property is against the law.

11. If you must chew gum, keep it in your mouth or put it in the trash.

12. Once students are given their assignment for the day, they are expected to stay in that area until it is time to clean up. A "0" and write up for skipping may be the consequence if any student is found in an unassigned area.

13. Tardy is considered not being in the room when the bell rings. Students will have to call a parent each time they are tardy. I understand parents do not want to be disturbed at work but I cannot do my work until attendance is done.

14. If ISS or OSS is given for any reason, then that student will not be allowed to participate in any off-campus FFA events.

15. Walkie-talkies may be used in the class activities. These are for communicating only with me and not for socializing.

16. Computers are available in the classroom. Students are expected to use them ONLY for my class requirements. Students will sign in and out to use them.

I have read and understand all the classroom and school expectations. I will agree to follow them.

(Student Signature)

(Parent Signature)