

John Deere “Careers on Course”

A partnership between John Deere, The First Tee and TPC Properties

Providing young people opportunities to explore a career path in golf course management and science industry

Curriculum Outline

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| Class Size: | Maximum 24 high school aged participants |
| Length: | Full day activity / 8 hours (8:00 a.m. – 5:00 p.m.) |
| Location: | TPC Golf Course Maintenance Facility and club |
| Lunch: | Cookout at Maintenance Facility, or served at clubhouse - provided by local donor |
| Volunteer Staff: | TPC Club staff provides leaders and recruits lead volunteers |
| | <ol style="list-style-type: none">1. TPC Director, Golf Course Maintenance Operations (TPC DGCMO)/ Golf Course Superintendent from another area club (GCS)2. TPC General Manager3. TPC Marketing and Sales Director4. TPC Head Professional and Assistant Golf Professional5. Local Turfgrass or related Professor from regional university and one student6. John Deere Golf Equipment Representative7. John Deere Landscapes Representative |

Educational and Activity Outline

1) Welcome and Orientation

- a) Welcome and introduction of leaders
- b) Conduct a brief overview of the agenda
- c) Why are they there and what is the purpose for the day
 - i) To educate participants about golf course management practices and various career options through hands on activities lead by professionals in their respected fields.
- d) What is to be accomplished by their participation in the event
 - i) Participants will:
 - (1) Have the opportunity to meet key personal who are responsible for golf course management, maintenance, design and equipment.
 - (2) Gain a greater understanding of the equipment and agronomic practices required to present a well-manicured, environmentally safe and playable golf course.
 - (3) Explore the involvement of research and academia related to golf course management and science.

- (4) Engage in hands on activities which will enhance the learning experience.
- (5) Be introduced to club operations required to manage a golf facility.
- e) Participants should review pages 41 & 42 in the Eagle Yardage Book prior to the program asking about interests and what they want to learn most from the day and any specific interests.
- f) Refer to page 44 in Eagle Yardage book for "What a golf course superintendent does"
- g) Each participant will receive a notebook containing:
 - (1) Welcome letter from TPC and John Deere representative
 - (2) Overview and agenda for the day
 - (3) Summary of each station and career opportunity
 - (4) Notes section
 - (5) Contact information and additional resources

2) Introduction to career opportunities and areas of discipline

- a) Golf Course Superintendent Profession
- b) Turf Research / Development / Academia
- c) Golf Course Equipment and Supplies
- d) Environmental Education

3) Career Breakout Sessions – The participants are to be divided into three equal groups and rotate through the following stations:

Morning

- a) Golf Course Superintendent Profession – Lead by TPC DGCMO, AGCS, or GCS Volunteer
 - i) Hands on activity – Greens and Soil
 - ii) Why did you get into profession? What is your passion in this field?
 - iii) Show Top 2-3 Key Responsibilities of Profession
 - iv) Share Education (key academic courses needed) and Certifications after school needed
- b) Golf Course Superintendent Profession – Lead by TPC DGCMO, AGCS, or GCS Volunteer
 - i) Hands on activity – Spray Rig Calibration
 - ii) Why did you get into profession? What is your passion in this field?
 - iii) Show Top 2-3 Key Responsibilities of Profession
 - iv) Share Education (key academic courses needed) and Certifications after school needed
- c) Golf Course Superintendent Profession – Lead by TPC DGCMO, AGCS, or GCS Volunteer
 - i) Hands on activity – Water Management
 - ii) Why did you get into profession? What is your passion in this field?
 - iii) Show Top 2-3 Key Responsibilities of Profession
 - iv) Share Education (key academic courses needed) and Certifications after school needed

Afternoon

- d) Research / Development / Academia – Lead by Professor and Student
 - i) Hands on activity (something this profession does each day/week that a group of participants can try; should be challenging and fun)
 - ii) Why did you get into profession? What is your passion in this field?

- iii) Show Top 2-3 Key Responsibilities of Profession
 - iv) Share Education (key academic courses needed) and Certifications after school needed
- e) Environmental Education – Lead by TPC DGCMO
- i) Hands on activity (something this profession does each day/week that a group of participants can try; should be challenging and fun)
 - ii) Why did you get into profession? What is your passion in this field?
 - iii) Show Top 2-3 Key Responsibilities of Profession
 - iv) Share Education (key academic courses needed) and Certifications after school needed
- f) Golf Course Equipment and Supplies – Lead by JDG and JDL
- i) Hands on activity (something the Superintendent does each day/week that a group of participants can try; should be challenging and fun)
 - ii) Why did you get into profession? What is your passion in this field?
 - iii) Show Top 2-3 Key Responsibilities of Profession
 - iv) Share Education (key academic courses needed) and Certifications after school needed

4) End of Day Summary

- a) Q and A
- b) Complete Survey and Action Plan

General Schedule

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|-------------------|---|
| 8:00am – 8:20am | Welcome & Orientation |
| 8:20am – 8:25am | Transition to Stations |
| 8:25am – 9:25am | Station Activities |
| 9:25am – 9:30am | Transition to next station |
| 9:30am – 10:30am | Station Activities |
| 10:30am – 10:35am | Transition to next station |
| 10:35am – 11:45am | Station Activities |
| 11:45am – 11:50am | Transition to Lunch |
| 11:50am – 1:20pm | Lunch (Meet with TPC General Manager, Marketing and Sales Director, and Head Golf Professional for overview of club operations) |
| 1:20pm – 1:25pm | Transition to stations |
| 1:25pm – 2:25pm | Station Activities |
| 2:25pm – 2:30pm | Transition to next station |

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| 2:30pm – 3:30pm | Station Activities |
| 3:30pm – 3:35pm | Transition to next station |
| 3:35pm – 4:35pm | Station Activities |
| 4:35pm – 4:40pm | Transition to Wrap Up |
| 4:40pm | Wrap Up Discussion |
| 5:00pm | Conclusion |