

**Course Outline: Green Industries, Grade 12, Workplace, THJ 4E1**

Semester: 2	Block: D	Room: A121
Teacher: Ms. M Pomfret Mr. E. Lutz	Teacher Contact Information: marlene_pomfret@wrdsb.ca eckhard_lutz@wrdsb.ca 519-621-9510	Course/Teacher Website: GPSS Tech. Studies

Course Description:

This course enables students to gain further experience with a variety of industry procedures and operations and to acquire additional industry-specific skills. Students will study more complex processes, develop more advanced design and maintenance skills, and explore ways of enhancing environmental sustainability. They will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore career opportunities in the various industries. The knowledge and skills acquired in this course will prepare students for the workplace and apprenticeship training.

Required Learning: Big Ideas

- Demonstrate identification and care of both plants and animals related to the local Green Industries.
- Demonstrate competence in the use of mathematical, documentation and communication skills as they apply to Green Industries.
- Proper identification, use and care of basic and specific tools of the trade.
- Apply effective design and production practices as they relate to Green Industries.
- Demonstrate competence in applying specific technical skills used in Green Industries.
- Identify Green Industry impacts on the environment, and describe current practices and trends and their relationship to local communities.
- Demonstrate an understanding of and compliance with occupational health and safety standards.
- Identify career paths in Green Industries by skills, education and training required.

Evidence of Learning

Successfully growing a crop (eg. cucumber, tomato)	70 %
Identify and demonstrate safe use of specific tools of the trade	
Demonstrate propagation of annuals, perennials and a native tree	
Identify common and specific; native plants, trees, and flowers to Ontario	
Demonstrate care for livestock (eg. Laying hens)	
Demonstrate specific softscape design, construction and maintenance	
Demonstrate specific hardscape design and construction	
Specific floral design and arrangements	
Design a production system (eg. watering system)	
Career/industry exploration project	
Final Evaluation: Written Summative: Demonstration of Understanding Practical Summative Project: Demonstration of Skill Proficiencies	30 %



Course Evaluation:

Student work will be evaluated using a balance of the Ministry's four achievement chart categories: knowledge & understanding, thinking & inquiry, application, and communication.

Throughout the course, teachers will gather evidence of student learning of the Essential Course Components through observations, conversations, and student-produced work.

Seventy percent (70%) of the final mark will come from term work, and thirty percent (30%) will come from final evaluations. Report card grades will reflect the student's most consistent level of achievement, with consideration given to more recent evidence.

Guidelines for Assessment, Evaluation and Reporting

1. Learning Skills

The Learning Skills and Work Habits section of the provincial report card is an integral part of a student's learning. Students will be assessed in the following areas:

• Responsibility	• Independent Work	• Organization
• Initiative	• Collaboration	• Self-Regulation

**The following scoring system is used for Learning Skills:
E=Excellent; G=Good; S=Satisfactory; N=Needs Improvement**

2. Missing Work

Students are expected to submit all required work by the assigned date.

(a) The Learning Skills section of the provincial report card will be used to reflect incidents of late and missing work.

(b) At the time of entering a report card grade, students with missing evidence of learning may receive an "I" ("I" = insufficient evidence) on their report card and will not receive a credit (Grades 9 and 10), or may be assigned a failing mark and will not be granted a credit for the course (Grades 11 and 12).

3. Cheating and Plagiarism

Students are expected to submit their own original, best work to demonstrate their learning.

(a) The Learning Skills section of the provincial report card will be used to reflect incidents of cheating and plagiarism.

(b) Students caught cheating on tests or assignments will receive an "I" ("I" = insufficient evidence), and will be required to demonstrate their learning through an alternative evaluation.

(c) Students who plagiarize may be required to re-do all or part of the assignment (or evaluation) or complete an alternative assignment (or evaluation). The student's work may be treated as



Missing Work (see above). As well, potential consequences for plagiarizing include disciplinary action (e.g., suspension) and loss of access to academic awards and scholarship opportunities.

General Safety Rules & Conduct:

Students must be aware how to safely work every day they are in the shop.

Students must comply with the following points:

1. Always wear required Personal Protective Equipment (eg. **safety glasses, safety boots, hearing protection**) when using a machine, assisting your peers on a machine and using hand tools. You should also be wearing your PPE if you are watching people on machines. No exceptions, no excuses, no foolin'.
2. Never use machines, tools or equipment until instruction has been given on their safe use and care, and permission to use them has been granted by the instructor. If you are not feeling well or are using prescription medication, let your teacher know, so that accommodations can be made.
3. Report damage to machines or shortages of materials to the instructor as soon as noticed. Never touch a broken or tagged machine. Do **not** operate any piece of equipment if a **guard is missing**, or is not in proper working order.
4. Dress correctly; no loose clothing or jackets, roll up sleeves, tie back long hair, remove jewelry and wear proper footwear. NO FlipFlops, sandals etc.
5. Long hair must be tied up or covered by a hair net while operating rotating machinery.
6. Make all adjustments **prior** to turning on a piece of equipment. All tools and equipment must be treated with care and respect. All tools and equipment must be cleaned and returned to their original storage place after use.
7. All waste materials must be placed in appropriate containers. Clean up 5-10 mins at end of class.
8. No horseplay. Be cautious and sensible. Respect yourself and your fellow students. **Never** distract someone who is operating a tool or machine.
9. Dust collector must be on when using woodworking equipment.
10. Personal use of cell phones is prohibited during class time. No food or drink allowed, only water bottles are OK.
11. **Always** use proper safety.... never rush or take short cuts.
12. **Never** walk away from a machine while it is still running, make sure it has stopped.
13. Know where the fire extinguishers, power **emergency stop buttons**, emergency exits, emergency meeting point are.



Signatures & Information

Please sign below indicating you have read and understood this Course Outline, including the requirements for successful completion of this course, and return this sheet to your teacher.

Student Section – please print clearly

Student Name (print): _____	Homeroom: _____
Student Signature: _____	Dated: _____

Parent / Guardian Section – please print clearly

Parent / Guardian Name (please print): _____	Parent / Guardian Preferred Phone #: _____
Parent / Guardian Signature: _____	Parent / Guardian email address (please print): _____
Dated: _____	Any Notes to add? _____

When necessary, I / we would prefer to be contacted by...

☐ phone

☐ email

Thank you for filling in your contact information, as timely communication between teacher and home is often key to student success.



Glenview Park Secondary School

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Please feel free to email me to say hello, or if you have any questions or concerns. My email address is at the top of the front page of this Course Outline and also here -

eckhard_lutz@wrdsb.on.ca