

Entrepreneurship 20S

Teacher: Mr. Annetts

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Industrial Arts Room

Prerequisites – There are no prerequisites for this course.

Course Description

Entrepreneurship is an interdisciplinary course designed to teach students how to think and act entrepreneurial. Students learn how to start-up and operate a business while in school, thus turning their learning into earning. The course will build on cross-curricular academic skills, by integrating inquiry-based learning and business tools that will enable students to analyze, create, develop and pilot small businesses in a safe school environment. The students will market their products directly to the consumer via various marketing platforms. Concepts and skills are reinforced by a strong emphasis on hands-on experiences using the traditional equipment in the school shop along with the CNC equipment including the cnc router, the cnc laser printer and 3D printer.

Assessment

The objectives will be taught throughout the term and on an ongoing basis. The mark will consist of ongoing evaluation of participation during discussions, exercises, amount of work completed towards the manufacturing of the product or products, equipment usage and computer design skills involved in the production of the product. Teamwork in designing, manufacturing and marketing the product is a major part of the program. This is subject to change or adjustment depending upon the situation of each student and class. There will not be a final exam in the course.

Behavioral Assessment

Students will be assessed as per the guidelines from the Manitoba provincial report card, in the areas as follows:

Personal Management Skills

- Organizes material, uses class time productively, works independently, completes all work on time, persists when faced with challenges, seeks help when needed, demonstrates a strong work ethic, shows patience, demonstrates on-task behavior, sets personal management goals

Active Participation in Learning

- Shows interest, asks questions, takes initiative, self-assesses work quality based on criteria, uses feedback to improve learning, uses criteria to provide feedback, uses a variety of media for communication, investigates questions, hypothesizes, analyzes

Social Responsibility

- Works and interacts well with others, is welcoming and positive, shares resources and equipment with others, respects school values, respects and follows classroom routines, takes an equitable share in group work, is courteous, respects the need for safety, sets personal management goals.

Course Scheduling

As there is an exhaustive list of skills and techniques covered in this hands on class a defined schedule with time allotment is not possible. As the need arises with the manufacturing of the chosen product, new concepts will introduced along with techniques using the equipment to fulfill that stage of its development.

Resources

- Shop supplies
- Online Information
- Videos

Cell Phone Policy

Cell phones are not to be used in the shop unless it is specifically at the direction of the teacher and only for schoolwork.

Absenteeism and Late Policy- As per school policy.

As this is a “hands-on” course, students being late and or absent make it very difficult to complete the objectives. Most equipment demonstrations and new work are covered at the beginning of each class are very time consuming to reteach to one individual student without compromising the safe supervision of the remaining class. Students are expected to arrive to class on time, with the proper materials, ready to learn. The belief of this instructor is that the best learning comes from “learning by doing” and the program is designed to represent this belief.

Extra Help

The shop is usually open at noon hour and after school for those students needing extra help for students missing class due to a legitimate reason. This option is not available to students who are not working steady during their regular shop class.

Homework Policy

Very little, if any homework is assigned in this class. If a student is working steady in class, there will be no need to have homework.

**** This course outline and the evaluation breakdown may be subject to change. ****