

	Ontario Ministry of Education www.edu.gov.on.ca/eng/		Toronto District School Board www.tdsb.on.ca		R.H. KING ACADEMY http://schools.tdsb.on.ca/rhking/
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COURSE OF STUDY OUTLINE

Department	<i>Technological Education</i>	Course Type	<i>Open</i>
Teacher	<i>Mr. Mensher, Ms. Mansfield, Mr. Michaud</i>	Grade	<i>9</i>
Course Title	<i>Exploring Technologies</i>	Credit Value	<i>One</i>
Course Code	<i>TIJ101</i>	Prerequisites	<i>None</i>
Ministry Document	<i>The Ontario Curriculum. Grades 9 and 10. Technological Education. Ontario, 2009. http://www.edu.gov.on.ca/eng/curriculum/secondary/teched910curr09.pdf</i>		
Learning Resources	<i>Course Electronic folder, Student binder, Course Web site, Various software applications</i>		
Textbook Title/Cost	<i>N/A</i>		

A. COURSE DESCRIPTION

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

Students will be graded based on the following categories:

Tests/Quizzes	40%
Assignments	30%
Final Assignment	10%
Culminating Task	20%

The following **UNITS** of study will be covered in this course:

Unit	Unit Title
1	Introduction to Computer Shortcuts
2	Intro. To Photoshop
3	Wood Shop Unit: Mouse Trap Car
4	Film Studies Unit
5	Digital Audio Editing Unit

B. UNIT OUTLINES

UNIT 1: Introduction to Computer Shortcuts

- Practice document/lab exercises
- Final quiz

UNIT 2: Introduction to Photoshop

- Software briefing
- Completing of 8 `Mini challenges`
- Final Test

UNIT 3: Wood Shop Unit: Mouse Trap Car

- Design brief
- Pre-construction reports
- Construction process (2 weeks+)
- Final quiz

UNIT 4: Film Studies Unit

- Topic introduction via presentation
- Case studies (3 films)

UNIT 5: Digital Audio Editing Unit

- Software briefing
- Practical application
- Final task

C. Tests and Quizzes

Tests will fall under the knowledge/understanding and thinking/inquiry achievement categories. Tests can be either theoretical or practical (performed on the computer) or a combination of both. Students will be informed well in advance of any test.

If a test is missed due to illness a doctor's note must be presented. **Students who are going to miss a test because of a school trip or team activity must notify their teacher two days prior to the test date, so that an earlier test date may be assigned for those students.** These are the only valid reasons for a rewrite. **Failure to write a test will result in a NOT COMPLETE.** A student may only make up one test during the semester. Any other missed test will result in a **NOT COMPLETE.**

D. Assignments

Assignments will be given to students on a regular basis. They will fall under the categories of achievement. Due dates will always be given to students when it is handed out. Much of the class work will require computers and specialized software applications. For this reason there will be time allotted in class most periods so that students may work on assignments.

E. Independent Study

At RH King one of our unique features is a focus on ISUs, or Independent study Units. An ISU is an assignment or project that gives students the freedom to select their own topic within a given subject area, research it, and then create a finished product based on their findings. The aim of the ISU is to encourage students to work on their own, thus developing initiative, time management, and other independent study skills all through a topic that interests them. While the project is "independent", teachers will scaffold the project through different means such as periodic check-ins, collecting a list of sources and rough drafts, conferencing, and/or peer editing. King's unique feature Clinic was created to give students time during the school day to work on their ISUs.

All independent studies must be handed in on time otherwise a NOT COMPLETE will be given.

Remember: You always have CLINIC TIME to work on any assignments if you fall behind.