St. Charles College

Evaluation Policy
Grade 11 Computer Science
ICS3U

Prerequisite: Gr 10 Open

Credit Value: 1 credit

Textbook: None

Course Description:

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use sub-programs within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

Units of Study

A. Programming Concepts And Skills
B. Software Development
C. Computer Environments And Systems
D. Topics in Computer Science

Course Expectations:

By the end of this course you will:

A1. demonstrate the ability to use different data types, including one-dimensional arrays, in computer programs;
A2. demonstrate the ability to use control structures and simple algorithms in computer programs;
A3. demonstrate the ability to use subprograms within computer programs;
A4. use proper code maintenance techniques and conventions when creating computer programs.

B1. use a variety of problem-solving strategies to solve different types of problems independently and as part of a team;
B2. design software solutions to meet a variety of challenges;
B3. design algorithms according to specifications;
B4. apply a software development life-cycle model to a software development project.

C1. relate the specifications of computer components to user requirements;
C2. use appropriate file maintenance practices to organize and safeguard data;
C3. demonstrate an understanding of the software development process.

D1. describe policies on computer use that promote environmental stewardship and sustainability;
D2. demonstrate an understanding of emerging areas of computer science research;
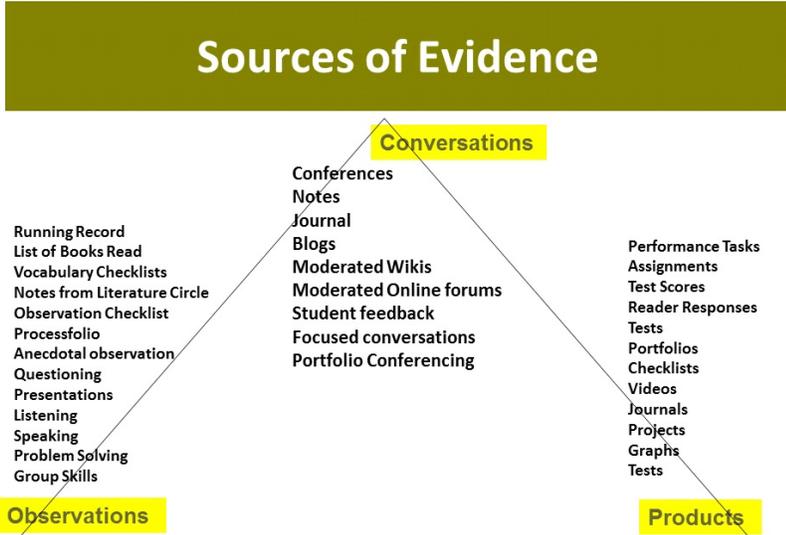D3. describe post-secondary education and career prospects related to computer studies.

Throughout this course we will also be developing the following **Catholic Graduate Expectations**.

:presents information and ideas clearly and honestly and with sensitivity to others.
:creates, adapts, evaluates new ideas in light of the common good.
:demonstrates flexibility and adaptability.
:works effectively as an interdependent team member.
:accepts accountability for one's own actions.

Evaluation: Term   70%
                   Summative Assessment/Exam   30%

Calculations of Marks

The term mark worth 70% will be assessed by the following "Evidence of Learned Concepts" :

Sources of Evidence

Conversations

Conferences
Notes
Journal
Blogs
Moderated Wikis
Moderated Online forums
Student feedback
Focused conversations
Portfolio Conferencing

Running Record
List of Books Read
Vocabulary Checklists
Notes from Literature Circle
Observation Checklist
Processfolio
Anecdotal observation
Questioning
Presentations
Listening
Speaking
Problem Solving
Group Skills

Performance Tasks
Assignments
Test Scores
Reader Responses
Tests
Portfolios
Checklists
Videos
Journals
Projects
Graphs
Tests

Observations

Products

Classroom Procedures:

Attendance
Regular attendance on the part of students is vital to the learning process. Students are encouraged to attend class every day. When the process and content of learning are disrupted by irregular attendance, this usually reflected in the student's achievement level. Attendance is reported on the report card and will be evaluated as a learning skill. If there appears to be an unacceptable number of days absent a "Cautionary Letter" will be sent home with the student.

Late Assignments
Students will hand in all assignments by the established due date. This can be accomplished by using good "time management" skills. Use the student agenda book to record all assigned work. In the case of exceptional circumstance, the student must consult with the teacher before the due date.

Missed Tests
Students who are absent for a test should make up the test on the first day they return.

Homework
Homework will be recorded on the report card as a learning skill. Completing class work to the best of your ability is an integral part of the program.   It is essential to get extra help as soon as possible if you encounter difficulties.

Notebooks
Notebooks are an important record of the year's work. It is mandatory that students keep an organized notebook and the following guidelines should be followed.
●   Each lesson must be dated and have a title
●   Handouts must be dated
●   All notes and handouts must be kept in chronological order
●   Tests and Quizzes must be corrected

_____   _____   _____   _____

Student Signature   **Date**   **Parent Signature**   **Date**