**Student Learning Plan (SLP)**

In the following table, you will see two columns beside courses. “C” stands for completed and “IP” stands for in-progress. Please put a checkmark in the appropriate box. For courses you have not taken yet, please leave it blank.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| What grade are you currently in? | | | | | | | | | |  | |
| If you are on the adult graduation program, or have graduated, check this box and go on to page 2. Contact your VLN counsellor if you are not sure which graduation program you are on. | | | | | | | | | |  | |
| **Required Courses (52 credits for graduation)** | | | | | | | | | | | |
|  | | |  | C | IP |  | | |  | C | IP |
| English 10 Composition  (or other English 10 course) | | | (2) |  |  | Science 11 or 12 | | | (4) |  |  |
| English 10 Literary Studies  (or other English 10 course) | | | (2) |  |  | Mathematics 10  (Workplace or Foundations/Pre-Calculus) | | | (4) |  |  |
| Literary Studies 11 or  Composition 11 | | | (4) |  |  | Mathematics 11 or 12  (Workplace, Foundations or Pre-Calculus) | | | (4) |  |  |
| English Studies 12 or  English 12 First Peoples | | | (4) |  |  | Physical and Health Education 10 | | | (4) |  |  |
| Social Studies 10 | | | (4) |  |  | Arts Education and/or Applied  Design, Skills and Technologies | | | (4) |  |  |
| Social Studies 11 or 12 | | | (4) |  |  | Career Life Education 10 | | | (4) |  |  |
| Science 10 | | | (4) |  |  | Career Life Connections &  Capstone 12 | | | (4) |  |  |
| **Elective Courses (28 credits for graduation)** | | | | | | **Required Assessments** | | | | | C |
|  | Course Name | | | C | IP | Grade 10 Numeracy | | | | |  |
| Grade  10, 11, or 12 |  | | |  |  | Grade 10 Literacy | | | | |  |
|  | | |  |  | Grade 12 Literacy | | | | |  |
|  | | |  |  | **Please ensure you complete at least one Indigenous or First Peoples course (Grade 10, 11, or 12) in order to graduate.** | | | | | |
|  | | |  |  |
| Grade  12 |  | | |  |  |
|  | | |  |  | Course Name | | |  | C | IP |
|  | | |  |  |  | | |  |  |  |
| **Date and Signature** | | | | | | | | | | | |
| Student’s Full Name (type) | |  | | | | | Date |  | | | |

**­­­­­­**

**ALL RESPONSES MUST BE WRITTEN/TYPED IN THIS DOCUMENT.**

**Please complete all questions and upload your work to the “StartUp Assignment”**

* 1. Balance the following equations by **filling in the table** below them (just put 1 if no coefficient is needed) (6 marks)

Ex. \_\_ Ca(s) + \_\_ H2O(l) 🡪 \_\_ Ca(OH)2(aq) + \_\_ H2(g)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | Ca | **2** | H2O | **1** | Ca(OH)2 | **1** | H2 |

a. \_\_ NaOH(aq) + \_\_ HCl(aq) 🡪 \_\_ NaCl(aq) + \_\_ H2O(l)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | NaOH |  | HCl |  | NaCl |  | H2O |

b. \_\_ Mg(s) + \_\_ H3PO4(l) 🡪 \_\_ Mg3(PO4)2(aq) + \_\_ H2(g)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Mg |  | H3PO4 |  | Mg3(PO4)2 |  | H2 |

c. \_\_ KI(aq) + \_\_ Pb(NO3)2(aq) 🡪 \_\_ PbI2(s) + \_\_ KNO3(aq)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | KI |  | Pb(NO3)2 |  | PbI2 |  | KNO3 |

* 1. Give the total number of protons, electrons and neutrons for each of the following neutral elements:

(15marks)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Element** | **Number of**  **protons** | | **Number of electrons** | | **Number of neutrons** | |
| 1. Boron (B) | | |  | |  | |  | |
| 1. Phosphorus (P) | | |  | |  | |  | |
| 1. Strontium (Sr) | | |  | |  | |  | |
| 1. Sodium (Na) | | |  | |  | |  | |
| 1. Krypton (Kr) | | |  | |  | |  | |

* 1. **Name or Write the formula** for each of the following compounds and **identify** each one as **ionic or covalent**. (24 marks total; 1 mark for each answer)

|  |  |  |
| --- | --- | --- |
| **Chemical Formula** | **Chemical Name** | **ionic or covalent** |
| a) Li3P |  |  |
| b) | zinc cyanide |  |
| c) Sn(CO3)2 |  |  |
| d) | diphosphorus pentoxide |  |
| e) (NH4)2Cr2O7 |  |  |
| f) | calcium acetate |  |
| g) SF6 |  |  |
| h) | yttrium phosphide |  |
| i) NH3  (H acts like a non-metal) |  |  |
| j) | lead (II) sulfide |  |
| k) SO3 |  |  |
| l) | tetraphosphorus nonasulfide |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4. Forward your VLN email to external email and take a screenshot.   |  |  | | --- | --- | | Step 1: Go to Email | 1 | | Step 2: Click on Settings | 2 | | Step3: Check “Forward incoming messages”, and type in your email address | 3 | | Step 4: Take a picture of your screen and paste it HERE: |  | |

**Academic Integrity Student Contract**

Plagiarism is presenting someone else's work as though it is your own. Plagiarism may consist of work copied from the Internet, work copied from another student, or work generated by Artificial Intelligence (Al) or other electronic means.

Plagiarism represents a failure of integrity. Plagiarism damages a student's character and limits the student's learning from the course.

VLN has a zero-tolerance policy on plagiarism. We use professional tools to identify plagiarized or Al-generated student submissions.

If you are caught plagiarizing course assignments or cheating on an exam, this incident will be documented in our MyEd provincial student information system. Plagiarism may result in VLN administration meeting with the student and their parents (for school-aged students). Repeated incidents of plagiarism may result in withdrawal from the course or school.

**My Pledge to Academic Integrity**

Please sign and date the following agreement:

|  |  |  |
| --- | --- | --- |
| I agree that I will not attempt to plagiarize work in any VLN course assignments or cheat on any VLN exams. I also agree that assignments I submit that are suspected of plagiarism may be scanned, stored, and accessed by US-based servers. | | |
| E-Signature |  | You can simply type in your name |
| Date |  |  |

A screen shot of a computer

Description automatically generated

**Assignment Feedback**

Course Name: Chemistry 11 Online Full Block 2

Student Name: **(type your name here)**

Feedback Date: October 10, 2023

Mark: /45

Teacher Comments:

|  |
| --- |
|  |

**\*\*\*This is the end of the Getting Started Assignment. \*\*\***

**Please rename this file with PEN-StartUp-CH11B2-LASTNAME-FirstName and upload this document to the StartUp Folder. If not, your assignment may not be accepted.**

**Ex. “123456789-StartUp-CH11B2-SMITH\_Kathy”**

**Once your assignment has been marked, you will be given access to the whole course in about two school days. In the meantime, you may work on Assignment 1 and Module 2.**

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