

**SALMON ARM SECONDARY**  
**JACKSON CAMPUS**

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*"A Culture that Cares"*

**2019-2020 PLANNING BOOKLET**  
**GRADES 9 & 10**

**Salmon Arm Secondary - Jackson**

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# INTRODUCTION

## SAS Purpose Statement

*We seek to develop thoughtful, articulate, creative, healthy and responsible individuals by engaging all learners in the pursuit of their potential.*

## How to use the Course Catalogue

Read the course catalogue for descriptions of courses and programs available to meet your educational goals.

Use the working copy of the Course Planning Form at the end of the catalogue (pg. 35) to plan your 3-year graduation program (gr. 10-12). ***The graduation program does not involve Grade 9's or Grade 9 level courses.***

As always, when designing your program, be sure to utilize all available resources, including parents, teachers, and counsellors.

Please note that courses in this book are student enrollment dependent. In other words, courses with low enrollment requests *may not be in the timetable*. Your choices count! Be sure to choose the courses that **you** really want.

## Contact Information

### Salmon Arm Secondary - Jackson

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# GRADUATION REQUIREMENTS

## Core Courses

English 10	4 credits
English 11	4 credits
English 12	4 credits
Social Studies 10	4 credits
a Social Studies 11 or 12	4 credits
Science 10	4 credits
a Science 11 or 12	4 credits
a Mathematics 10	4 credits
a Mathematics 11 or 12	4 credits
Physical Education 10	4 credits
a Fine Art or Applied Skill 10, 11, or 12	4 credits
Career Life education 10	4 credits

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<b>Minimum Core Credit Total</b>	<b>=</b>	<b>48 credits</b>
Career Life Connections + Capstone	<b>+</b>	<b>4 Credits</b>

## Elective Courses

Students make up the rest of their Graduation Program by choosing elective courses. These courses must be “provincially authorized” or “board authorized” courses in order to count towards graduation.

<b>Minimum Elective Credit Total</b>	<b>+</b>	<b>28 Credits</b>
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<b>MINIMUM CREDITS FOR GRADUATION</b>	<b>=</b>	<b>80 CREDITS</b>
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## MATERIAL AND SUPPLY COSTS

*(Material and supply costs will be updated annually and posted on the school website)*

**Elective Courses:** The school will supply students with sufficient supplies to meet the learning outcomes of elective courses. In some cases, (e.g. art or shop classes) students may want to work on projects that go outside the normal scope of the courses. Students will need to purchase the additional materials for those courses themselves.

**Music:** The school has a limited number of instruments available for student use (at no cost). Student choice in terms of type of instrument will be limited. Parents have the option to provide their child with an instrument of their choice: purchased, borrowed or rented.

**Yearbook:** The cost of the yearbook is approximately \$45.00.

**Locker:** All use a SAS assigned Lock and Locker at a cost of \$5.00

# STUDENT SERVICES

## COUNSELLING

Life challenges can disrupt students' studies but support is available to help students manage these challenges and move forward in a positive, healthy way. Students can come to the counselling staff with a wide range of personal, educational, and academic concerns that may be effecting their health and wellness. To make an appointment, students or their parents/guardians may call the school and ask for a counsellor. Students may also walk into the counselling centre during school hours. Referral services to outside agencies are also available.

## DISTRICT 83 CAREER PROGRAMS (<http://career.sd83.bc.ca/>)

There are many ways for students to get valuable life-experiences and credits – TUITION FREE! Programs are offered subject to external approvals, sufficient enrolment, funding and staffing.

If you'd like more information on the listed programs, please contact Mr. Seed ([gseed@sd83.bc.ca](mailto:gseed@sd83.bc.ca)) in the Career Centre or Mr. Findlay ([rfindlay@sd83.bc.ca](mailto:rfindlay@sd83.bc.ca)). You can also visit <http://www.career.sd83.bc.ca> or call 250-832-3080 for more details.

## **Work Experience**

Work experience for school credit, can include volunteer or paid community service. 100 hours of work experience – usually related to a career path is the equivalent will count as 4 credits towards graduation in grades 9-12. Paperwork for the application to work experience is provided by, and reviewed with, the career coordinator.

## **Youth TRAIN in Trades Programs**

These programs provide students with Industry Training certification as well as provide high school credits. For concrete dates and application forms, visit the Career Centre at your school. All students will be interviewed for a seat in these programs. **If you think that you might be interested in one or more of these opportunities, please indicate your interest when completing your course selection.**

### **Automotive Collision Technician – Level 1**

Students will learn about shop safety, tools, and the fundamentals of auto body construction and repairs through flexible (online) learning, practical labs and work experience. Students will have to spend some time at A.L. Fortune partaking in practical labs.

### **Automotive Service Technician (AST) – Level 1 (ITA recognized program)**

AST is taught at Salmon Arm Secondary - Sullivan Campus. Students spend one semester (full time) in the shop learning and developing high-tech skills to inspect, maintain, and repair automobiles and light trucks.

**Hairstylist (Cosmetology) (ITA recognized program)**

Cosmetology (Hair Design) is taught at Pleasant Valley Secondary in Armstrong. Students spend the second semester of their Grade 11 year and the first semester of their Grade 12 year learning how to cut, dress, colour, curl and wave the hair of a person.

**Professional Cook 1 (PC1)**

The PC1 program is taught through flexible learning with Camosun College. Students will be instructed, through flexible (on-line) learning, practical labs and work experience, in all aspects of commercial food preparation at A.L. Fortune Secondary.

**Programs at other Post-Secondary Institutes...**

Salmon Arm and Vernon have a rotating trades program that gives students access to Welding Foundations, Plumbing Foundations and Electrical Foundation programs. Students are also eligible to take many of the programs (like Heavy Duty Mechanics, Boilermaker....) at colleges in British Columbia (like Okanagan College in Kelowna, Thompson Rivers University, BCIT...).

**Available Academic Programs**

- Office Assistant Certificate (Okanagan College)
- Administrative Assistant Certificate (Okanagan College)
- Health Care Assistant (Okanagan College/TRU)

**Youth WORK in the Trades**

Students that work with a qualified tradesperson (ie. licensed mechanic, electrician....) can sign up as an apprentice and receive:

- 16 high school credits if they acquire 480 hours of paid work
- \$1000 scholarship if the (a) complete the 4 required work in trade courses, (b) have a minimum of 900 work based hours registered with the ITA 6 months after graduation and (c) were able to achieve a C+ average in their Grade 12 courses.

Students can acquire their hours during school time, evenings, summer, holidays and weekends. Students also have the opportunity to apprentice with a school district tradesperson in carpentry, joinery, painting, HVAC, plumbing and electrical.

For a full list of trades visit: <http://www.itabc.ca/>

**Indigenous Education**

The district Indigenous Education Department partners with schools, teachers, Special Education, district administration, Indigenous communities and Indigenous students and their families to strengthen Indigenous voice, presence and perspective in schools and classrooms across the district. At Jackson our Indigenous Education Worker and Success Teacher provide academic support as well as cultural enrichment and social-emotional support.

## **Learning Resource Centre**

Eligible students may receive assistance and support from the Learning Resource Centre. By dropping an elective course, students may access support in a scheduled “LR” block. Assistance is provided from the Learning Resource Teachers, and Certified Education Assistants. Learning Resource support typically consists of the re-teaching of difficult concepts, test preparation, assistance with organization, reading comprehension support and study skills development. Students are also provided with direct instruction to further develop their reading, spelling, writing and basic math skills.

Students eligible for Learning Resource Centre support are those who have a history of learning assistance, an identified learning disability, behavioral challenges or special extenuating circumstances. Parents must be consulted and approve school based team decisions regarding student placement. The Learning Resource Centre is a student-oriented setting. Learning Resource Centre support is a limited service, not a course, and as such, students not using their time effectively will consequently be removed from the program to make space available for another potential candidate.

## **Library Learning Commons**

The Library Learning Commons is a space in the school being used for a variety of different activities. A full-time teacher-librarian is there to support students in an effort to promote learning, literature, and school culture. In the Library Learning Commons, you can read, play games, work on school work alone or in groups, photocopy, and seek assistance from the Teacher Librarian.

The Teacher-Librarian is available to help you:

- Find information, resources and books;
- Improve your research skills: Internet searching;
- Avoid plagiarism through effective note-taking, sources citing, and proper use of images, etc.;
- With organizational skills;
- Work on your EOP course;
- With your writing, including report and essay-writing; and
- Solve problems when working with Google apps.





# FRENCH IMMERSION PROGRAM

The French Immersion program offers students a minimum of three courses in which the language of instruction is French. Required courses include ***Français Langue*** (French Language) and ***Sciences Humaines*** (Social studies). Students will then choose **at least one** other course from our list of courses offered in French Instruction. These courses include ***Sciences Naturelles*** (Science), ***Éducation Physique*** (Physical Education), and ***Art Dramatique*** (Drama), and ***Études sur L'Alimentation*** (Food Studies). ***Français Langue*** helps strengthen language skills and develop cultural appreciation. All other courses follow the same curriculum as the courses taught in English.

Students entering this program in grade 9 have already completed at least three years of French Immersion. Continued successful participation in the program will lead to the achievement of a Bilingual Graduation Certificate at the end of Grade 12.

## REQUIRED COURSES

### Français Langue 9 (FRA09)

In Français langue 9, students continue to develop their fluency in French. Themes include: verb tenses and grammar, literature, and culture. Students will complete a novel study, paired with a film study, and will increase their appreciation of French culture through the examination of music, cinema, food, bilingualism, and la francophonie. Strategies include oral presentations, skits, interviews, essays and compositions, dictations, and research projects. Successful completion of this course is mandatory for French immersion students.

### Français Langue 10 (FRA10)

in Français langue 10, students continue to refine their skills in French through speaking, listening, reading, and writing. Themes include: verb tenses and grammar, literature, and culture. Students will complete a novel study and will broaden their understanding and appreciation of French culture through the exploration of theatre, cinema, and poetry. Critical thinking skills are also emphasized. Strategies include oral presentations, skits, creative writing and essays, dictations and research projects. Successful completion of this course is mandatory for French immersion students.

# **FRENCH IMMERSION PROGRAM (CONT'D)**

## **Sciences Humaines 9 (FSS09)**

Sciences Humaines 9 is a survey course, which means that it will introduce a wide variety of topics in Geography and Canadian history (1750-1914) around “Big Ideas” rather than go into detail on a few topics.

The “Big Ideas” will include:

1. How emerging ideas and ideologies profoundly influence societies and events.
2. Investigate how the physical environment influences the nature of political, social and economic change.
3. Analyze how disparities in power alter the balance of relationships between individuals and between societies.
4. Recognize that collective identity is constructed and can change over time.

## **Sciences Humaines 10 (FSS10)**

Sciences Humaines 10 is a survey course, which means that it will introduce a wide variety of topics in modern Canada around “Big Ideas” rather than go into detail on a few topics. The historical emphasis is more on Canadian content than in grade 9 Socials.

The “Big Ideas” will include:

1. How global and regional conflicts have been a powerful force in shaping our contemporary world and identities.
2. Investigate how the development of political institutions is influenced by economic, social, ideological, and geographic factors.
3. Analyze how worldviews lead to different perspectives and ideas about developments in Canadian society.

Recognize how historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society.

# **FRENCH IMMERSION PROGRAM (CONT'D)**

## **OPTIONS (Students must choose at least 1)**

### **Art Dramatique 9 (FADRF9)**

This is an introductory course. This is a creative drama course and is designed to focus on developing skills in areas such as movement, voice, character development, blocking, and stage direction. Learning will occur throughout a variety of activities including vocal exercises, games, improvisation, creative drama, scene development, and script-work. This is a performance-based course.

### **Art Dramatique 10 (DRMF10)**

This performance-based course is intended for students in grade 10 who have completed Drama 9. Students in this course will continue to work on the development of performance techniques specific to acting, directing, and script development. Commitment to a performance ensemble is expected.

### **Éducation Physique 9 (PHEF09)**

This is a participation based course focusing on well-being - the connections between physical, intellectual, mental and social health. Students experience a variety of individual, dual and team activities in order to develop a personalized understanding of what healthy living means to them as individuals and members of society. The aim of PHEF 9 is to gain the knowledge, movement skills, and positive attitudes and behaviours that contribute to lifelong physical health and mental well-being.

### **Éducation Physique 10 (PHEDF0)**

This is a participation based course focusing on well-being - the connections between physical, intellectual, mental and social health. Students experience a variety of individual, dual and team activities in order to develop a personalized understanding of what healthy living means to them as individuals and members of society. The aim of PHEDF 10 is to gain the knowledge, movement skills, and positive attitudes and behaviours that contribute to lifelong physical health and mental well-being.

### **Etudes sur L'Alimentation 9 (FCCEA9)**

Students learn how to prepare food for themselves, friends, and family with skill and confidence. New and exciting recipe ideas are provided for breakfast, lunch, appetizers, dinner and desserts. The emphasis is on using fresh, local ingredients. Students will gain knowledge about a variety of spices, flavours, and cooking methods.

# **FRENCH IMMERSION PROGRAM (CONT'D)**

## **Etudes sur L'Alimentation 10 (FOODF0)**

Do you have a “passion for food and a flair for cooking?” Learn to prepare delicious meals for you and your friends. Focus on your personal skills and preparation techniques while exploring recipes from around the world, as well as how food choices contribute to your health and well-being.

## **Sciences Naturelles 9 (FSCF09)**

Sciences Naturelles 9 develops scientific knowledge and skills that will be relevant to students' everyday lives and future careers. The course will involve many activities that include working safely in a science laboratory, working independently, and learning cooperatively. Topics include biology (cell division), chemistry (element properties), physics (electricity), and ecology (cycles and sustainability).

## **Sciences Naturelles 10 (FSCF10)**

Sciences Naturelles 10 allows students to further develop their scientific knowledge and skills in a variety of ways, including laboratory work. Topics include biology (genetics), chemistry (chemical processes), physics (energy conservation and transformation), and earth and space science (formation of the universe).

# **REQUIRED COURSES**

# ENGLISH

## English Studies 9 (EN-09)

In English 9, students will develop skills in the curricular competency areas of *Comprehend and Connect*, and *Create and Communicate*. These skills will be developed through the use of various oral, written, visual, and digital texts. Students will be involved in discussions, debates, and presentations, as well as cooperative learning activities. Students will also be encouraged to enjoy reading as a recreational activity, and will learn to critically analyze literature. They will read and view a variety of genres of texts such as novels, plays, poetry, short fiction, informational texts, and films. In addition, students will write, with an emphasis on structured paragraphs, compositions, and complex sentences. Content of the course will focus on understanding the elements of story/text, processing strategies for reading, writing, speaking, and thinking, as well as the features, structures, and conventions of language. The overall emphasis of this course is on thinking and communicating in various forms.

## English 10

The new curriculum is designed to give students the opportunity to focus on a particular area of English that interests them. All Students in grade 10 will be required to take either English Studies 10 or English First Peoples 10. Students wishing to further develop their skills in English can take electives of Journalism or Song Writing for additional English credits.

## English 10 – Critical Reading and Writing (LTST10)

English is the course upon which all other academic knowledge is built. As such, English 10 will focus on the skills necessary for all students to think and respond critically. Through the study of various types of literature and non-fiction texts, students will engage in an analysis of the world around them. Students will develop skills to comprehend and connect to what they read, hear, and view, and will learn to express and support their opinions based on evidence. This course will focus, overall, on writing skills, and will teach students to create and communicate through both speaking and writing. English 10 is a continuation of English 9 where students will continue to develop skills in the curricular competency areas of *Comprehend and Connect*, and *Create and Communicate*. This course is composed of 2 credits each of Composition 10 (CMPS10) and Focused Literary Studies 10 (LTST10).

## English First Peoples 10 (EFLS10)

English First Peoples 10 is a continuation of English 9 where students will continue to develop skills in the curricular competency areas of *Comprehend and Connect*, and *Create and Communicate*. English First Peoples is intended for both indigenous and non-indigenous students. Students will become open minded scholars of First Peoples' worldviews through the study of Literary, informational and media text with local and Canadian, First Peoples' content. This course provides opportunities for all student to engage with First Peoples' creative expression and focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text – including oral story, speech, poetry, dramatic work, dance, song, and prose (fiction and non-fiction). This course consists of 2 credits each of English First Peoples Writing 10 (EFWR10) and English First Peoples Literary Studies 10 (EFLS10).

## **Additional Course Offerings**

### **Writing and Media 10 (NMD10)**

Can't get enough of English? Neither can we! This additional English course is for students who looking for more depth, challenge, and skill development. This course consists of 2 credits each of New Media 10 (NMD10) and Creative writing 10 (CTWR10) and the focus will be on creating digital and/or print media such as a school newspaper and features on the school website. Students will have the opportunity to become better writers through the exploration of personal and cultural identities, memories, and stories while reflecting on the influence of technology in today's society. Texts of various types will be incorporated into this course, and opportunity will be given to write in a variety of formats.

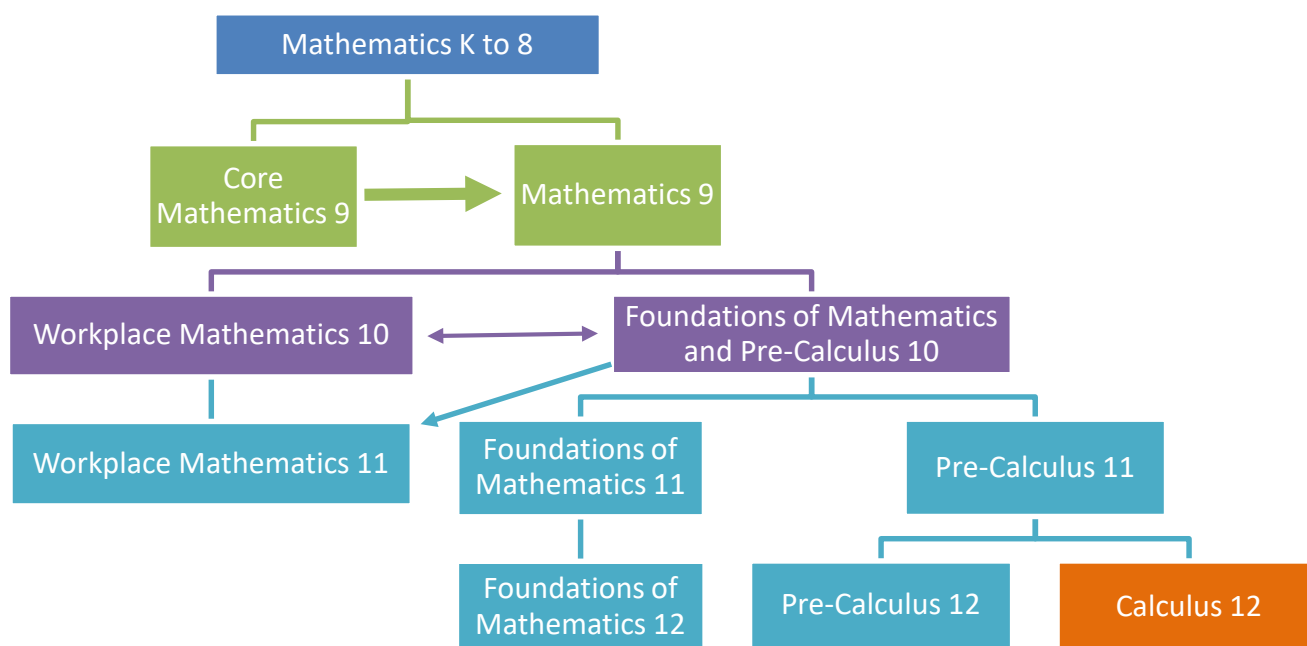
### **Song Writing 10 (SPLG10)**

Song Writing 10 is blended course in both English and Music disciplines. This course is designed to help you explore your creative expression in both music and poetic lyric writing, and to develop your spoken language and performance skills. Through studying different styles of music and analyzing lyrics, you will have the chance to write and preform your own songs. This course consists of 2 credits each of Spoken Language 10 (SPLG10) and Contemporary Music 10 (MUCM02)

# MATHEMATICS

## Mathematics Pathways grades 9 to 12

To graduate, all students must complete a Grade 10 mathematics course as well as another math course at the Grade 11 or 12 level. Since each pathway is designed to provide students with the mathematical understandings, rigour, and critical-thinking skills necessary for post-secondary programs and/or the work force, it is important that students consider future career interests when selecting a pathway. Students can elect to take more than one pathway if there are mathematical topics which interest them, or if they are not sure about their future career choices.



**Workplace Mathematics** is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force.

**Foundations of Mathematics** is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus

**Pre-Calculus** is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus.



# MATHEMATICS (CONT'D)

## Core Mathematics 9 (XSI9F)

This course is for students who are not working at grade level in Math 8 and is intended to fill learning gaps to ensure that students have an understanding of the critical concepts necessary to be successful in Mathematics 9. This course is only available to students upon referral from their previous School Based Team or in consultation with the family. **Students will complete Core Mathematics 9 in first semester and will be enrolled in Mathematics 9 in the second semester.**

## Mathematics 9 (MA-09)

In this course, students will explore a variety of topics including: powers, rational numbers, linear graphs, linear equations, reasoning, income, finances, scale factors and similar figures, polynomials, data analysis, and probability. Students who successfully complete this course will go on to either Apprenticeship and Workplace Mathematics 10, or Foundations of Mathematics and Pre-Calculus 10.

## Workplace Mathematics 10 (WPM10)

In this course, students will explore a variety of topics including: the SI and imperial units of measurement system, spatial reasoning, 2-D & 3-D Shapes, Pythagorean theorem, primary trigonometric ratios, formula manipulation, geometry, money, and income. Students who successfully complete this course will go on to Apprenticeship and Workplace Mathematics 11.

## Foundations of Mathematics and Pre-Calculus 10 (FMP10)

In this course, students will explore a variety of topics including: the SI and imperial units of measurement system, surface area and volume of 3D objects, trigonometry, irrational numbers, powers, polynomials, factoring, relations and functions, with an emphasis on linear relations, and systems of linear equations. Students who successfully complete this course will go on to Apprentice and Workplace Mathematics 11, Foundations of Mathematics 11, and/or Pre-Calculus 11.

# **CAREER EDUCATION**

## **Career Education 9 (CE-09)**

Career Education 9 is a mandatory course.

In Career Education 9, students explore concepts such as identity, leadership, personal planning, and transferable skills. As students build on the foundation developed from their experiences in K–8, they begin to explore in greater depth their skills and passions, and begin to determine possible routes to their goals.

## **Career Life Education 10 (CLE10)**

Career Life Education 10 is a mandatory course.

The Career Education curriculum supports students in the process of becoming successful, educated citizens by providing them with opportunities to explore a variety of careers and options for their future. Students will consider regional and global trends to reflect on career possibilities, refine their understanding of safety requirements associated with occupational areas and related technologies, and further develop and refine their understanding of career possibilities through planning, practice, and application of competencies and knowledge. Students will start to develop their transition plans, which include workplace experience as they work towards developing a final capstone project in Grade 12.

## **Seminars**

At Jackson, we will be offering Career Education 9 and Career Life Education 10 through year-long seminars. Seminar Days will be held monthly or bi-monthly and through participation in seminars and the completion of some on-line assignments, students will be assigned a grade for these mandatory courses.

In alignment with the new curriculum, the seminar delivery method will allow opportunities for classroom instruction, mentoring, community and work experience, and independent learning. It will also allow for whole school involvement focused on flexibility and choice that is supportive of our local contexts.

# PHYSICAL EDUCATION

## Physical Health Education 9 (PHE09)

PHE 9 is a participation based course focusing on well-being and the connections between physical, intellectual, mental and social health. Students experience a variety of individual, dual and team activities in order to develop a personalized understanding of what healthy living means to them as individuals and members of society. The aim of PHE 9 is to gain the knowledge, movement skills, and positive attitudes and behaviours that contribute to lifelong physical health and mental well-being.

## Physical Health Education 10 (PHED10)

PHE 10 is a participation based course focusing on well-being and the connections between physical, intellectual, mental and social health. Students experience a variety of individual, dual and team activities in order to develop a personalized understanding of what healthy living means to them as individuals and members of society. The aim of PHE 10 is to gain the knowledge, movement skills, and positive attitudes and behaviours that contribute to lifelong physical health and mental well-being.

## Girls only Physical Education 9/10(PHEG09/PHE10G)

This course provides an opportunity for our female students to achieve credit for Physical Education 9 and/or 10 in an all-female setting. This course will expose students to a variety of recreational activities such as yoga, Pilates, Zumba, aerobics, resistance training, cardio conditioning etc. This is a participation based course focusing on well-being - the connections between physical, intellectual, mental and social health. The emphasis of this PHED 10 class is on individual and student interest, in a non-competitive environment, to enhance a more positive attitude toward being physically active throughout adult life.

## AM Fitness and Conditioning 10 (XPH09/IDS0A1)

AM Fitness and conditioning classes are **run in the morning before school**. The Fitness and conditioning course is designed for students who have an interest in fitness and weight training. This course will offer students the skills, knowledge and attitude to incorporate weight training and active health into their personal lifestyle. It will teach students:

- The fundamentals of weight training;
- The lifelong benefits that weight training has to offer;
- Proper training methods and techniques for weight training and aerobic activity;
- How to plan and follow personal training programs; and
- Basic muscular anatomy.

In addition, students will be introduced to the basics of personal nutrition and the effects of diet on health and well-being while incorporating weight training into their lives.

This course can also be personalized for high-level athletes with performance based goals.

# SCIENCE

## Science 9 (SC-09)

Science 9 develops scientific knowledge and skills that will be relevant to students' everyday lives and future careers. The course will involve many activities that include working safely in a science laboratory, working independently, and learning cooperatively. Topics include biology (cell division), chemistry (element properties), physics (electricity), and ecology (cycles and sustainability).

## Science 10 (SC-10)

Science 10 allows students to further develop their scientific knowledge and skills in a variety of ways, including laboratory work. Topics include biology (genetics), chemistry (chemical processes), physics (energy conservation and transformation), and earth and space science (formation of the universe).

## Additional Course Offerings

### Life Science 11 (formally Biology 11) (LFSC11)

Life Science 11 is an introductory biology course that delves into the unifying characteristics of living things, how they change over time and how we have categorized them. Different cells, their structures and processes, DNA, as well as viruses and their infection cycles will all be examined through a variety of labs and hands-on activities. Change in organisms over time in nature and through human intervention will be investigated. A significant portion of the course will be devoted to the comparison of organisms in each of the six kingdoms (Bacteria, Archea, Protists, Fungi, Plants, Animals) with particular attention devoted to the animal kingdom. Some dissections of animals such as earthworms, locusts, crayfish, squid and sea stars will be performed – along with microscope work – to compare the anatomy of various organisms.

### Physics 11 (PH-11)

Physics 11 introduces students to theories that explain everyday physical phenomena, such as the motion of a car during a collision and the alteration of images with lenses or mirrors. Through laboratory work, students will develop an experiential understanding of the fundamental principles behind these theories. Labs will involve the collection of data through a variety of instruments and the subsequent analysis of this information. In addition, students will work with basic equations arising from Einstein's work and examine the nature of nuclear energy. Solid attendance and strong math skills are required for this course. Course topics include kinematics, work, power, energy, wave motion, optics, special relativity, and nuclear fission and fusion.

# **SOCIAL STUDIES**

## **Social Studies 9 (SS-09)**

Social studies 9 is a survey course, which means that it will introduce a wide variety of topics in Geography and Canadian history (1750-1914) around “Big Ideas” rather than go into detail on a few topics.

The “Big Ideas” will include:

1. How emerging ideas and ideologies profoundly influence societies and events.
2. Investigate how the physical environment influences the nature of political, social and economic change.
3. Analyze how disparities in power alter the balance of relationships between individuals and between societies.
4. Recognize that collective identity is constructed and can change over time.

## **Social Studies 10 (SS-10)**

Social Studies 10 is a survey course, which means that it will introduce a wide variety of topics in modern Canada around “Big Ideas” rather than go into detail on a few topics. The historical emphasis is more on Canadian content than in grade 9 Socials.

The “Big Ideas” will include:

4. How global and regional conflicts have been a powerful force in shaping our contemporary world and identities.
5. Investigate how the development of political institutions is influenced by economic, social, ideological, and geographic factors.
6. Analyze how worldviews lead to different perspectives and ideas about developments in Canadian society.
7. Recognize how historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive, multicultural society.

# **ELECTIVE COURSES**

# **LANGUAGES**

*Note: Some universities require a second language 11 for direct admission from high school; some programs require a second language 12. Check university calendars for specific admission requirements.*

## **French 9 (FR-09)**

This is an introductory language course. All four components of language are taught: speaking, listening, reading, writing. These are explored by using a thematic approach. Basic vocabulary and grammar are explored and active participation is encouraged through games, skits, videos and presentations.

## **French 10 (FR-10)**

French 10 is a continuation of the French 9 program. All four components of language are taught: speaking, listening, reading, writing. Students will continue to learn useful expressions and vocabulary and basic grammar will be covered. Active participation is encouraged through games, skits, videos and presentations.

## **Japanese 9 (JA-09)**

In this course students learn about Japanese culture and history through discussion and special activities such as calligraphy, cooking and origami. The focus of Japanese 9 is on vocabulary building, and improving oral and written expression. By the end of this course, students will feel comfortable reading and writing hiragana and about 25 kanji.

## **Japanese 10 (JA-10)**

Japanese 10 is the 2nd year of Japanese study, and is designed to prepare students for Japanese 11, and to build upon their oral and written communication skills. Students are expected to be proficient in Hiragana, and by the end of the course they will be able to read and write about 50 Kanji and Katakana words. Topics to be covered include Japanese schools and a typical school day, discussing trips and free time activities, and talking about where and when you were born. Please keep in mind that our city and school district have a student exchange program with the city of Inashiki in Japan; this trip is an excellent way to practice your Japanese.

## **LANGUAGES (CONT'D)**

### **Spanish 9 (SP-09)**

Spanish 9 is an introductory course which focuses on the basics of grammar as well as functional conversation. Students will study the Spanish language, customs and culture in the course through conversation, skits, games, films and other activities.

### **Spanish 10 (SP-10)**

Spanish 10 expands on the grammatical aspects studied in Spanish 9. Students will be involved in more writing and more oral conversations in Spanish. New situations in Spain and Latin America will be covered in Spanish through audio-visual means.



# **ARTS EDUCATION**

## **MUSIC**

### **Choir 9/10 (XC-09/MUCC10)**

This course is for those who are serious about singing in a musical setting. The choir works with a variety of music styles that encompasses a vast choral repertoire and harmonies. Performing around the local area and attending festivals will be the goal of this Choir. No previous music courses needed to join.

### **Concert Band 9 (MU-09C)**

The SAS Band program starts here! We will work on refining technique in order to rehearse and perform interesting and challenging repertoire. The Concert Band will play at music festivals, public concerts, and school functions. Some performances will occur outside the timetable. Woodwind, brass, percussion, and string instruments are all welcome. This is a year-long course.



### **Concert Band 10 (MUCB10)**

Concert Band 10 advances the work done in Concert Band 9. Students will focus on expression and improving instrumental technique. Concert Band 10 is a performance course that requires energy and focus from all members of the group. Some performances will occur outside the timetable. Woodwind, brass, percussion, and string instruments are all welcome. This is a year-long course.

### **Jazz Band 9/10 (MU-09/MUJB10)**

This course is open to instrumentalists who have at least two years of experience on one of the following instruments: Saxes, trumpets, trombones and rhythm section. This is a performance group that will study swing, Latin, rock, funk, and blues music. A high level of commitment will be required from all students during class and all performances. Attendance is mandatory at all classes and performances, some of which occur outside the timetable. Final enrolment will be determined by audition in the early fall.

- Note: **This course is offered outside the regular timetable.** The class schedule will be determined in early fall.

# **ARTS EDUCATION (CONT'D)**

## **PHOTOGRAPHY**

SAS has an excellent studio/lab dedicated to digital photography and graphics. This lab has 30 workstations, a video editing station and a complete professional photo studio which includes backdrops and studio lighting equipment. We also have graphics tablets for the very keen digital artists. The Photography Department has some digital cameras for student use, however, students are encouraged (but not required) to have access to a digital camera. Many of the photography activities take place outside the classroom on walking field trips. Students will be given an opportunity to include some of their images in an annual photography show held each spring in Salmon Arm. \*See the fee schedule for material or supply costs that are part of these courses.

### **Photography 9 (ADMA09)**

This is a fun introductory photography course where students learn to take better pictures (better “selfies” too.) We spend a lot of time out of the classroom on walking field trips. Students will edit their photographs on a computer and some of their work will be professionally printed. We do fun computer projects such as animal composites (combining two animal images) and alien nation (turn your image into an alien.) A simple “point and shoot” digital camera or, at the very least, a phone camera is all that is necessary for this introductory course.

### **Photography 10 (VAPH10)**

The Level 2 course will further refine your camera skills and digital image editing techniques. Students are given considerable freedom to explore photographic subjects of their choice and work independently on their own projects. Special emphasis is placed on studio portraiture where students will photograph live models. Digital SLR cameras will be available for student use in the Level 2 course.

# ARTS EDUCATION (CONT'D)

## THEATRE

### **Drama 9 (DR-09)**

This is an introductory course open to all students. This is a creative drama course and is designed to focus on developing skills in areas such as movement, voice, character development, blocking, and stage direction. Learning will occur throughout a variety of activities including vocal exercises, games, improvisation, creative drama, scene development, and script-work. This is a performance-based course.



### **Drama 10 (DRM10)**

This performance-based course is intended for students in grade 10 who have completed Drama 9. Students in this course will continue to work on the development of performance techniques specific to acting, directing, and script development. Commitment to a performance ensemble is expected.

## **Additional Course Offerings**

### **Theatre Company 10/Production 10 (DRTC10)**

Theatre Company 10/Production 10 supports the creation of a theatre production (school play) and is offered outside the regular timetable. Students will audition for and be assigned roles, both as cast and crew. Development of performance skills will happen through the rehearsal and performance of a full-length play. Content covered will include stage etiquette, drama elements, performance skills, movement, roles within a theatre company, genres, design, and the basics of technical theatre.

- Note: **This course is offered outside the regular timetable.** The class schedule will be determined in early fall. Preference will be given to grade 10 students.

# **ARTS EDUCATION (CONT'D)**

## **VISUAL ARTS**

### **Visual Arts 9 (VA-09)**

This course focuses on design and media exploration as well as skills such as colour theory, perspective, creating form and drawing techniques. We also use design principles and elements to analyze works of art in art history lessons. In the second half of the course, you will explore your own creativity more in individual projects, furthering an understanding of your own identity as an artist. Media will vary but will include a form of printmaking, painting, 3-D works, drawing media as well as some fibre arts. No previous art experience is necessary; bring only your imagination and enthusiasm.



### **Art Studio 10 (VAST10)**

This is the perfect course for those wishing to learn to appreciate the arts and for those wishing to study further towards any career in the booming visual arts world. An emphasis is on learning to draw, paint, sculpt, print make, dye, and create glaze pottery. You will use the principles and elements of design, image development strategies and appreciate the development and significance of art through history, in different cultures, as well as in contemporary times. This course will provide a solid foundation in visual arts and will prepare you for further visual arts classes.

## **Additional Course Offerings**

### **Studio Art 2D (VAD10)**

This course is intended for students who have already completed Art Studio 10 and requires students to work more independently on their coursework. Studio Art 2D will offer students a mix of applications in art with the main focus on drawing and painting. Projects will use traditional media like acrylic paint, watercolour, oils as well as an extensive exploration of drawing media such as charcoal, ink, and pastels. Students will be looking at specific historical artists who have advanced 2-D works.

### **Studio Art 3D (VASC04)**

This course is intended for students who have already completed Art Studio 10 and requires students to work more independently on their coursework. In Studio Art 3D you will explore more deeply 3-D works in a variety of media. We will focus on clay, both on the wheel and hand-building. The student will also have the opportunity to try different carving techniques and the use of wire and the creation of forms for plaster. We will be researching sculpture in a historical context as well.

# **APPLIED DESIGN, SKILLS, AND TECHNOLOGY (ADST)**

## **HOME ECONOMICS**

### **Fashion and Sewing 9 (ADT09)**

Have you ever wanted to learn to sew? This course is for the student with little or no sewing background. Students will learn how to use a sewing machine and complete some other fun, creative sewing projects, depending on sewing experience.

### **Fashion and Sewing 10 (TXT10)**

No experience necessary! This course is for students who have never tried sewing as well as for students building on skills from Fashion and Sewing 9. Students will learn hand and machine construction techniques for producing and/or repairing textile items, including indigenous textile practices.

### **Food Studies 9 (ADFS09)**

Students learn how to prepare food for themselves, friends, and family with skill and confidence. New and exciting recipe ideas are provided for breakfast, lunch, appetizers, dinner and desserts. The emphasis is on using fresh, local ingredients. Students will gain knowledge about a variety of spices, flavours, and cooking methods.



### **Foods Studies 10 (FOOD10)**

Do you have a “passion for food and a flair for cooking?” Learn to prepare delicious meals for you and your friends. Focus on your personal skills and preparation techniques while exploring recipes from around the world, as well as how food choices contribute to your health and well-being.



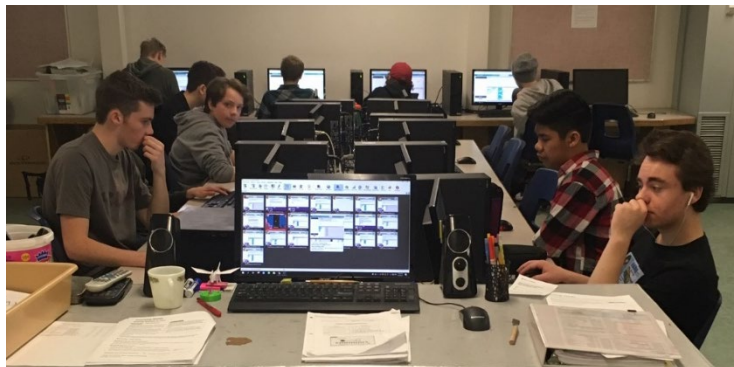
# **ADST (CONT'D)**

## **COMPUTERS**

### **Computer Explorations 9 (ADIT09)**

Want to learn what a computer is all about? Info Tech 9 focuses on using the computer as a tool in order to help students become more efficient and productive. The course will include lessons and projects used to develop the understanding of the Microsoft Office Suite: Word, Excel, and PowerPoint. The course will also help with research techniques and strategies while using the internet (such as using Google effectively).

Students will be introduced to Video Game design and experiment with creating digital images. A good chunk of this course is dedicated to projects so come ready to learn, create, and share.



### **Computer Studies 10 (CSTU10)**

Want to learn how to use technology in new creative ways? Want to go beyond being a user and become a creator? Learn how to maintain or even build your own computer. Want to maximize your online computing, modern internet tools, and other useful computer skills? Learn how to make interactive programs (text based adventures)? How about creating amazing images, animations and video games using some of the best software? Well look no further, Computer Studies 10 is designed to help students go from being users who consume content to creators who make original content. A good chunk of this course is dedicated to projects so come ready to learn, create, and share.

### **Graphics and Media Design 10 (MEDD10)**

This is a hand-on introductory production course for students interested in digital, electronic and paper based media. Students will explore activities relating to video production and graphic art and design.

### **Web Development 10 (WBDV10)**

This course is designed to provide students with a wide range of computer literacy skills, particularly in the area of web development. Students will develop knowledge and skills in web site design, user interface, writing for the web, and database creation. Possible applications include HTML, CSS, JavaScript, GIMP, and Dreamweaver.

## **ADST (CONT'D)**

### **BUSINESS EDUCATION**

#### **Entrepreneurship & Marketing 9 (ADEM09)**

Entrepreneurship & Marketing 9 provides an introductory understanding of the world of Entrepreneurship and marketing. This class will introduce students to the risks and rewards of business ownership, the importance of inventions and innovation, and how a product goes from concept to being sold on a shelf. In this class students will assist, as needed, the grade 10 class in the running of the school store and will learn real world skills that are directly relatable to modern business.

#### **Entrepreneurship & Marketing 10 (ADEM10)**

In this course students will learn the ins and outs of operating a real business (school store). Students will learn real world skills such as; receiving money, making bank deposits, preparing purchase orders, and designing management systems. Students will investigate the risk and rewards of being a business owner and learn the skills necessary to design and market a product or service.

### **ROBOTICS**

#### **Robotics 9/10 (ADER09/TEAR10)**

Want to command your very own humanoid robot with just your voice? Want him to obey you through facial recognition and even learn a dance by copying your own movements? Try this in a new course offered at Jackson designed to introduce you to the exciting world of electronics and robotics. You will learn electronics, multiple programming platforms, project management, mechanical structures and a host of other skills as you build and interact with the exciting humanoid EZ Robot. You will also apply physical science to learn about motors, gear ratios, torque, batteries and sensors. Best of all, you play with the EZ Robot!



# **ADST (CONT'D)**

## **TRADES AND TECHNOLOGY**

### **Fundamentals of Technology Design 9 (ADGE09)**

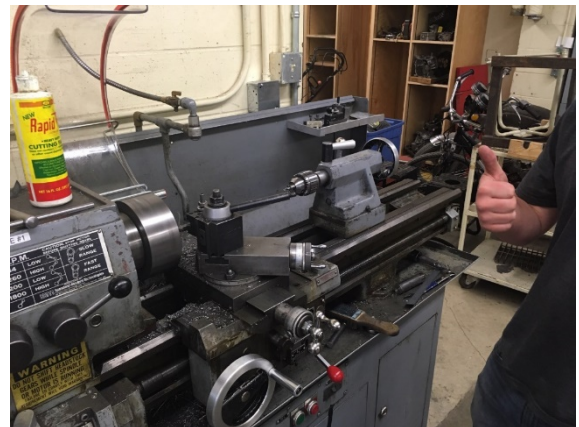
In this course students will develop problem-solving skills and have the opportunity to use the design process to meet a variety of technological challenges. Course work will include the fundamentals of drafting, design, shop safety and machine safety/use. Students will research, design, and build models and/or prototypes with projects like CO<sub>2</sub> dragsters, balsa bridges, and Goldberg machines. This “hands on”, thought provoking course will have students working in and out of the shop testing, building, and racing their way through the semester.

### **Drafting 10 (TDRF10)**

In this course you will learn the necessary skills to become a successful introductory draftsman. As a team, we will explore the design process, how design has influenced our past and how it shapes our future. We will first practice hand drafting and then further our skills by learning advanced CAD software. We will focus on three main fields of drafting: mechanical, Architectural and computer Machining.

### **Metal Work 9 (ADM09)**

This course introduces you to several basic metal work processes used in the industry today. Students will safely learn to work with basic hand tools and power equipment. You will start with basic decorative projects and then continue with more complicated processes. Metal Work 9 focuses on the development of measuring skills, using metric and standard scales. This course is explorative to cover all aspects of the metal shop to prepare you for further metal work courses.



### **Metal Work 10 (TMET10)**

This course introduces students to metal fabrication and mechanical technologies through a variety of projects and skill-building labs. Students will learn to properly use hand and layout tools as well as oxy-acetylene torches, a mig welder, aluminum welding, plasma cutter, drill presses, metal lathe, and other shop equipment.

### **Power Technology 9 (ADPT09)**

This course is intended to teach students about some of the ways in which humans have harnessed various sources of energy. Much of the course is ‘hands-on’ and involves constructing a variety of interesting projects such as electric motors, robots, and solid-fuel rockets. A considerable portion of the course will also be devoted to learning about how two-stroke and four-stroke engines work. \*See the material or supply options that are associated with this course.



## **ADST (CONT'D)**

### **Power Technology 10 (TPOW10)**

Power Mechanics is an introduction to automotive engines and other various power sources. Students study in depth the construction and theory of both two and four stroke small gasoline engines. An introduction to mechanical systems such as brakes, ignition systems, and other vehicle technologies will also be included in the course. A brief introduction to automotive applications is also included. Students will also study one other power source during the course ranging from hydraulics and CO<sub>2</sub> cars, to wind and solar power. Lastly, we will study how these power sources affected society in the past, the present, and the future.

### **Woodwork 9 (ADW09)**

Students learn to safely use all machines in our extremely well equipped shop to build several 'skill building' projects. All projects allow students flexibility and creative freedom to personalize / customize their work. Creative designs and ideas, where appropriate, are encouraged! Projects include small shelf/case units, clocks, boxes & tables. Additional projects are possible, depending upon time remaining in course. Working in a safe and cooperative manner is emphasized throughout the entire course.



### **Woodwork 10 (WWK10)**

Woodwork 10 continues to build upon the skills students learned in Woodwork 9. Creative designs and ideas, where appropriate, are encouraged! Projects include challenging boxes, casework projects and furniture. Students with an aptitude / interest in a higher tech focus are encouraged to learn the MasterCAM software package in our mini lab. This knowledge can then be applied to learning how to use the CNC (computer numeric controlled) Router and experiencing a whole new world of project possibilities! As always, additional projects are possible, depending upon time in the course. Working in a safe and cooperative manner is emphasized throughout the entire course.

## **OTHER ELECTIVES**

### **Leadership 9/10 (XLEA09/YIP0A)**

This course is designed to give students an awareness of social and civic responsibility and an understanding of effective styles and methods of leadership. Leadership is a course where students will learn how to lead by example. They will learn how to design and follow through on projects and causes that are important to them and others. This course is designed for students who are committed, enthusiastic, and self-directed. This is a tremendous opportunity for students who want to contribute to the life of the school and community. The course works best for those students who are willing to take the initiative for tasks and who can work well in group situations. Leadership students must attend all leadership classes and activities. Substantial school and community volunteer hours will be expected.

- Note: **This course is offered outside the regular timetable.** The class schedule will be determined in early fall. Preference will be given to grade 10 students.

### **Teaching Assistant 10 (YED0A)**

This courses presents students with the opportunity to assist younger students in the classroom setting at local elementary schools. Students will experience mentorship under the guidance of a certified classroom teacher. The student must complete a teaching assistant form and have it signed administration before enrolling in this course. Students must have excellent attendance and be able to work independently and take initiative.

### **Yearbook 9/10 (YPA0A)**

This class designs and produces the school yearbook. Students will learn how a book is published, and will be responsible for all writing, design and photography that will appear in the school yearbook. In order to do this, students will learn skills in Journalism and computer software necessary to produce the yearbook. In addition, students will learn the business skills required to fund a book through sales to students.

- Note: **This course is offered outside the regular timetable.** The class schedule will be determined in early fall. Preference will be given to grade 10 students.



# Course Planning



Name: \_\_\_\_\_

Career Goal: \_\_\_\_\_

Post-Secondary Goal: \_\_\_\_\_

Grade 10	Credits
<input type="checkbox"/> English 10	4
<input type="checkbox"/> Socials 10 _____	4
<input type="checkbox"/> Science 10 _____	4
<input type="checkbox"/> Math 10 _____	4
<input type="checkbox"/> Phys Ed 10 _____	4
<input type="checkbox"/> Career Life Education	4
<b>Electives:</b>	
1) _____	_____
2) _____	_____
3) _____	_____
<b>Outside Timetable (optional)</b>	
_____	_____
_____	_____

Grade 11	Credits
<input type="checkbox"/> English 11	4
<input type="checkbox"/> Socials 11 or 12 _____	4
<input type="checkbox"/> Science 11 or 12 _____	4
<input type="checkbox"/> Math 11 _____	4
<b>Electives:</b>	
1) _____	_____
2) _____	_____
3) _____	_____
4) _____	_____
<b>Outside Timetable (optional)</b>	
_____	_____
_____	_____

Grade 12	Credits
<input type="checkbox"/> English 12	4
<input type="checkbox"/> Career Life Connections	4
<input type="checkbox"/> Elective 12 _____	4
<input type="checkbox"/> Elective 12 _____	4
<input type="checkbox"/> Elective 12 _____	4
<b>Electives:</b>	
1) _____	_____
2) _____	_____
3) _____	_____
4) _____	_____
<b>Outside Timetable (optional)</b>	
_____	_____
_____	_____

Parent's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Grad Requirements Met:

- ☐ 52 Required Credits (48 + 4 credits of Arts Ed or ADST 10-12)
- ☐ 28 Elective Credits (12 credits must be at the grade 12 level and
- ☐ 80 Total Credits
- ☐ 30 hours Work Experience
- ☐ Capstone Project