



March 18, 2019

TO: Principals
School Counsellors
Adult Ed Teachers

FROM: Grant Kreuger Technical Vocational Coordinator

RE: **Cranberry Portage 4 + 1** **June 3rd – 21st, 2019**

Continued focus on workforce development for rural and Northern Manitoba students. Limited space for these classes is available. Students that are 16 to 21 years of age or Adult Ed need to apply early. We need the applications completed by **Deadline of April 30th**

Course 1 **Exploration of Mechanical Trades** **June**

In partnership with UCN

Students will receive one full high school credit while exploring three mechanical trades Heavy Duty Mechanic, Millwright (Industrial Mechanic) and Truck and Bus Mechanic and the common mechanical core that connects all of the heavy industrial workplace careers. Each week the students will explore one of three Mechanical trade areas, and study safe work practice, tool usage, workshop protocol and Basic Service and Systems Maintenance. Our students spend time studying the introductory skills of each of the three trades. The skill learned in each unit of the Exploration of Mechanical Trades credit, are common to most every trade area and any heavy shops environment. Students planning to enter any one of the trades full time will have exposure to related trades and processes as well as some of the vocabulary and tools they use. These credits will serve a student well that wishes to pursue a major in the accredited mechanical program.

Trades that this program services are; Heavy Duty Mechanic / Industrial Millwright / Automotive / Truck and Bus Mechanic / Marine and Power Products / Welder / Metal Worker and many more.

Students will achieve credits 8841 10s Exploration of Mach.Tech.

Course 2 **Intro to Building Construction** **June**

In partnership with University College of The North

The construction industry is one of the biggest employers in Canada. The Building Construction Technology program prepares students for the world of work, specifically for work in the construction industry. Students are exposed to a field that has four levels of career opportunities with many different job opportunities at each level:

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- Professional - architect, engineer, urban planner, etc.
- Technical - surveyor, building inspector, draftsman, etc.
- Trades - carpenter, electrician, plumber, etc.
- Laborer - machine operator, cement finisher, general, etc.

There are also many opportunities for people to start their own business after completing their training and gaining experience with employers in the construction industry. This program is beneficial to anyone interested in any career in the construction industry. In fact, the skills, knowledge, and attitudes developed in this program are highly transferable and will be useful to students pursuing any career. These skill development programs afford a student the very best foundation for entry into the Frontier Builders accredited Building Construction Program.

These two credits can be used as prerequisite courses enabling the student to proceed into the accredited “Frontier Builders” Carpentry Program, building quality homes across the province.

Students will achieve credits 8584 20s Intro to Carpentry

Course 3 Intro to Fire Protection Program June

In partnership with Manitoba Office of the Fire Commissioner, Search and Rescue Manitoba, and Manitoba Conservation Fire Program:

An introduction into the demanding and challenging career as a firefighter. During this basic program, students will be exposed to many of the skills that are utilized in the daily duties of a Fire Fighter. Fire prevention, inspection, life safety education, first aid and firefighting are all part of the course. This program is unique because it has wildland emergency firefighter training, ground search and rescue, and the opportunity to experience live-fire scenarios. The students will receive certification in First Aid and the hazardous materials information system. This program is designed to give firefighting training to students by giving them the ultimate access to the best tools, equipment and instructors.

The tentative outline of units covered is indicated below and please be aware that students should arrive on campus prepared to work in the climate of the day. **NOTE; There is limited space for 10 students ages 18-21 in this offering.**

Training will include but is limited to :

- Red Cross Standard First Aid & CPR
- Hoses, and pumps, vehicle extrication
- Hoses, ropes & knots, forcible entry and pumps
- Wild land firefighting
- Fire Behaviour and Fire Extinguishers
- Live Burns and Fire Investigations
- Fire Prevention & Public Education
- Building construction/ alarms
- Fire Prevention & Public Education
- search and rescue (Smoke Machine)
- Safety, turn-out gear, SCBA’s
- Emergency Wilderness First Aid
- Ground Search and Rescue
- WHMIS & Hazmat Awareness

Students will achieve credits 0100 10s Life Work Transitioning

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needed operate and manage your own home, including safety tips and regulations partner with parents to offer a safe, nurturing and supportive environment

If you enjoy interacting with children and supporting families you will learn how to set up your home, to set up your areas in your home to offer play based areas for eating and sleeping, learn about toys and equipment learn the important role you play in helping children develop positive social, emotional, physical and cognitive skills

Students will achieve credit 8650 10s

Course 8 Exploration of Culinary Arts / Cooking Principles June

In partnership with University College of The North

Introduction to Culinary Arts is foundation program of study designed to provide training opportunities in the food service and hospitality industries as well as prepare students for future studies in the Culinary Arts cluster. The course will concentrate on skills and attributes needed to fill entry level culinary and food service positions. Instruction includes training in the fundamentals of basic food production, nutrition and sanitation, and management and services. As part of the instruction, reinforcement of basic skills is provided to assist students in practicing communication skills, utilizing listening skills to follow directions, practicing basic math skills as applied to a culinary arts setting, and reading to gain information and to perform assignments and tasks as directed. Students will gain insight into a career in Restaurants and Food/Beverage Services and Culinary Arts.

Students will achieve credit 8791 20s Cooking Principals

Course 9 Interactive Digital Media June

In partnership with University College of The North / New Media Manitoba / Bitspace Development

"This program will immerse students in a variety of technology based projects. Including learning to program to create custom games & apps; design and construct robotic devices such as a robotic arm and tracked vehicles; design and create digital media using a different software tools. Build objects in 3d and print those objects and/or use them in games. VR and AR technologies will be explored as well." The final week students may take part in a "Game Jam" as a culmination to this new exciting training opportunity. See the attachment to learn more of what a "Game Jam" is!

Only 15 applications from qualifying students will be accepted

Students will achieve credit 9094 20s

Daily Schedule :

The above programs are presented on FCI or UCN campus or a split between the partners as part of the daily scheduled classes for the month of January and June. The programs are used to further a student's knowledge in one of the disciplines described and serve as prerequisite programming for the 8 credit high school majors or entry into post-secondary education at a Manitoba college.

The intent of 4+1 is twofold; better prepare students from any age for more intense industrial training, and students from schools that do not have industrial arts programs are better equipped to make an informed

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decision regarding a potential career path. This format is sure to increase the effectiveness of the instruction time and increase retention rates in the majors.

EOP leads to 4+1 and 4+1 leads to informed majors intake. Student that take the major make perfect candidates for apprenticeship and post-secondary industrial training.

We request that all of our councilors, teachers and principals consider the students carefully when selecting applicants for these programs, they are entry level college benchmarks we are striving for, and we have limited seats available for these special offerings. The expectation is to have every student registered finish the program. We ask that the candidates to be schooled in their choices so the seat is occupied by a student with best intentions. Programming of the initial January session in many cases leads to further study in that discipline come June.

The flex timetable will be in use as some facilities will be shared with regular scheduled existing programs so evening and weekend shop times may be used, to fulfill necessary project targets. Time table the June session will run from June 3rd to June 21th and classes each day will be 9am- 4pm daily half hour breaks for lunch and two 3 hour sessions on the two Saturdays in addition to evening theory assignments, total contact time will be 110 hours.

We need preliminary numbers as soon as possible to ensure accommodations equipment and staffing are all in place well in advance so the maximum benefits are realized for our students.

Forward Registrations to Bernadette McIntosh at E-mail Bernadette.McIntosh@fsdnet.ca

or fax her directly at 1-204-258-2063.

If you have any questions please don't hesitate to call.

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