Course Selection Handbook
2015-2016

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<td>2:05-2:15</td>
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<td>Period 5</td>
<td>2:15-3:15</td>
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**ALTERNATE DAY (THURSDAY)**

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<thead>
<tr>
<th>Period 2</th>
<th>9:30-10:20</th>
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<tbody>
<tr>
<td>Break</td>
<td>10:20-10:30</td>
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<tr>
<td>Period 3</td>
<td>10:30-11:20</td>
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<tr>
<td>Break</td>
<td>11:20-11:35</td>
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<td>Period 4</td>
<td>11:35-12:30</td>
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<tr>
<td>Break</td>
<td>12:30-12:40</td>
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<tr>
<td>Period 5</td>
<td>12:40-1:30</td>
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History of Nutana Collegiate

Saskatoon Collegiate opened its doors in September of 1910 as the first collegiate in the city with 95 students. University of Saskatchewan classes were also taught in the building during those early years. The name of our school changed to Nutana Collegiate in 1923 and additions to the building were made as the population grew in the 1930’s and 1960’s. Several prominent Canadians have been students at Nutana such as: Prime Minister John Diefenbaker, Governor General Ramon Hnatyshyn, Chief Justice Emmett Hall, authors Farley Mowat and Max Braithwaite, Senator Sid Buckwold, Mayor Cliff Wright and movie star Kim Coates.

Nutana Today

It is our goal to support our students in as many ways as possible because we want them to be successful in earning credits each quarter. Nutana has a smaller student population than most other collegiates so this allows our staff to develop meaningful relationships and provide more personalized attention. This is further enhanced by the Quarter System, which places students in contact with only two teachers and courses per day for each ten-week period. The structure and size of Nutana are appreciated by students who often find that education here seems more manageable because they are handling a more reasonable work load.

We also have an Integrated School-Linked Services (ISLS) team located on site at Nutana and they are offer a range of programs and services that include a:

- Breakfast Program
- Stay In School Program
- Student Engagement Program (UPLIFT)
- I Am Stronger - a SaskTel anti-bullying initiative
- Primary Health Nurse Practitioner
- Mental Health & Addictions Outreach Workers
- Social Worker
- Student Parent Support Centre (Jacoby Centre)
- Daycare (Millie’s Early Learning Centre)

These services are available thanks to the support and commitment of our partners.

In order to support students to develop a career path and learn about post-secondary training and employment opportunities, a Career Facilitator works closely with Students Services to provide information and support for interested students.

Nutana is also the home school for three satellite programs that meet in other locations: the Youth Resource Centre Day Program, the Calder Centre Teaching Program and, the First Avenue Campus (FAC). A fourth satellite, the Secondary Transition Education Program (STEP) is located in the portable at the back of Nutana. A referral process is in place for each of these programs.

Student engagement is a priority at Nutana Collegiate. We are committed to helping each student individually to meet their goals and achieve success. Come and be a part of our Nutana family.
Services Available to Students

Student Services
The Student Services office provides support services to students in the following areas:
• School registration and records
• Academic program information, preliminary assessment and planning
• Personal relationship and crisis counseling for students and parents
• Post-secondary education and career information and counseling
• Referrals to support services within the school and community

Tutoring
• Students can make arrangements to meet their teachers at 8:30 each morning if they wish extra assistance.
• Regularly scheduled noon hour tutoring sessions are also available.

SIAST
• Nutana and SIAST have a working agreement designed to assist students to make a successful transition into programming at Kelsey.

Credit Recovery / Re-engagement
• This is a program designed to provide alternatives for students who benefit from non-traditional curriculum delivery.
• Students have the opportunity to work semi-independently on curriculum modules, finish courses from a previous quarter, or receive instruction in small groups.
• Course material is divided into packages so that students can work at their own pace.

Resource Room Program
• The Resource Room team provides support to students to be successful in their academic classes.
• Learning strategies that enhance students’ success, such as study skills and organizational skills are taught.
• The Resource Room teacher and the Educational Assistants work with classroom teachers to adopt curriculum, instruction, and evaluation in order to meet the needs of individual students.
Program Highlights

Quarter Classes
- Students take only two classes at a time and complete each course in just ten weeks.
- New quarters begin four times each school year - September, November, January and April.
- Students can register any time, not just in September, November, January and April.

Upgraders
Nutana supports students who need to upgrade marks or who are returning to pick up additional classes required for a post-secondary program.

Nutana also has a long tradition of supporting students who wish to enroll in an Adult 12 Program. Please see Student Services for additional information.

The quarter class structure enables students to take 2 classes at a time for 10 weeks. Because students can register for classes in September, November, January and April, it enables them more flexibility for planning a timetable that works for them.

Career Exploration
Nutana is committed to supporting students to develop a career path and provides many opportunities for them to explore post-secondary training and employment opportunities. Students are welcome to drop by the Career Office, located in the front hallway across from the main office, where a Career Facilitator is available to meet with students and assist them with such things as searching for post-secondary program information, filling out applications, applying for scholarships & bursaries, preparing a résumé and finding a part-time job.

Canadian Academy of Travel & Tourism (CATT) GOLD School
Nutana takes pride in having been selected as the first Canadian Academy of Travel and Tourism (CATT) GOLD School in Saskatchewan. CATT is a national program designed to introduce and promote careers in tourism to high school students. Upon completion of the necessary requirements, students have the opportunity to earn 3 CATT certificates: Level 1, Level 2 and, GOLD. Nutana works closely with the Saskatchewan Tourism Education Council (STEC) who issue the CATT certificates to students who complete the necessary requirements for each of the 3 levels.

**CATT Level 1 Certificate**
Tourism 30 A
- 25 hours volunteer experience
- Tourism Career Workshop:
  - Service Best or
  - Serve It Right or
  - approved equivalent

**CATT Level 2 Certificate**
- Tourism 30 B
- 100 hour work placement / volunteer experience
- A second Tourism Workshop:
  - Service Best or
  - Serve it Right or
  - approved equivalent
- 2 of the following:
  - WHMIS
  - Food Safety
  - First Aid / CPR
  - Workplace Safety
- Demonstrated Competency of CATT Learning Outcomes (Tourism Essential Skills)
CATT GOLD Level Certificate Requirements

- High School Diploma
- Tourism 30A and 30B credits
- 240 hours:
  - Up to 120 hours can be paid employment
  - Remainder must be work placement or volunteer hours
- 2 Tourism Career Workshops:
  - Service Best
  - Serve It Right or
  - approved equivalent
- 2 of the following:
  - WHMIS
  - Food Safety
  - First Aid / CPR
  - Workplace Safety
- Demonstrated competency of CATT learning outcomes (Tourism Essential Skills)
- A completed portfolio

Community Engagement

Nutana has the unique opportunity to have a number of on-site services and programs that work hand in hand with teaching staff to support students to achieve their personal, academic and career goals.

The Integrated School-Linked Services (ISLS) team supports students in the following ways:

Breakfast Program

- Free nutritious breakfast available daily in the Student Servery; opportunity to get a great start to the day & share conversation with staff & students

Stay in School Program

- Worker assigned to Nutana supports students who require or need information about services provided by the ministry

Minister of Social Services

- Worker assigned to Nutana supports students who require or need information about services provided by the ministry

Saskatoon Health Region

- Primary Health Nurse Practitioner
  - Provides a range of health services (physicals; assessment & treatment of common medical conditions & injuries; prescriptions; referrals to other health care professionals)

Mental Health & Addictions Services Outreach Worker(s)

- Provide counselling services to students; makes referrals to other health care professionals

Community Developer

- Links staff & students to existing community services & programs to support the overall health & well-being of our students

Millie’s Early Learning Centre

- Has space for 12 infants & 5 toddlers for student parents attending Nutana; staff provide a nurturing, stimulating and enriched learning environment for the children

Jacoby Centre

- Supports student parents and parents-to-be to complete their high school education; offers a number of programs & supports for student parents
UPLIFT & UPLIFT Lounge

- Provides a space for students to meet daily in a warm and caring environment; encourages students to become engaged in school & community activities; spearheads the SaskTel I Am Stronger initiative

In addition to Integrated School-Linked Services, Nutana also values the many & diverse ways our Community Sector partners support our work with students. These include:

- Affinity Credit Union
- City of Saskatoon (Cultural Diversity & Race Relations Office)
- École Victoria School
- Family Service Saskatoon
- Friends of Prince Albert National Park
- Parks Canada
- Prairieland Park
- Princess Alexandra School
- Saskatchewan Native Theatre Company
- Saskatchewan POLYTECHNIC
- Saskatchewan Tourism Education Council (STEC): Tourism Saskatchewan
- SaskTel
- SHAW
- St. Paul’s Hospital
- STC Urban First Nations Inc.
- The StarPhoenix
- Travelodge Hotel
- University of Saskatchewan Educational Foundations
- Wanuskewin Heritage Park

We have a shared vision with our partners: to work together to support students to stay in school and to achieve academic success.
## YOUR THREE YEAR PLAN FOR
### MEETING CORE CURRICULUM REQUIREMENTS
#### AT NUTANA COLLEGIATE

### Grade 10

**Compulsory:**
- English LA A10/A11
- English LA B10/B11
- History 10
- Science 10/11
- Wellness 10
  [(5 credits)]

At least **ONE** Math
- Math Workplace & Apprenticeship 10
- Math Foundations & Pre-Calculus 10
- Math 11
  *(Min. 1 credit)*

Choose a maximum of 4 electives from the list:

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Apprenticeship 10</td>
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<tr>
<td>Art 10</td>
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<tr>
<td>Communications 20</td>
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<tr>
<td>Drama 20</td>
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<tr>
<td>Guitar 20</td>
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<tr>
<td>Information Processing 20</td>
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<td>Physical Education 20</td>
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<td>Psychology 20</td>
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<tr>
<td>Science 21</td>
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<tr>
<td>Wildlife Management 20</td>
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<tr>
<td>Woods 20</td>
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### Grade Eleven

**Compulsory**
- English LA 20/21
  *(1 credit)*

**At Least One of:**
- Math Workplace & Apprenticeship 20
- Math Foundations 20
- Math Pre-Calculus 20
- Math 21
  *(Min. 1 credit)*

**At Least One of:**
- Biology 20
- Chemistry 20
- Computer Science 20
- Physics 20
- Science 21

You may choose a maximum of 5 credits from the list:

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Apprenticeship 20</td>
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<td>Art 20</td>
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<tr>
<td>Communications 20</td>
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<td>Drama 20</td>
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<td>Guitar 20</td>
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<td>Information Processing 20</td>
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<td>Science 21</td>
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<tr>
<td>Wildlife Management 20</td>
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<td>Woods 20</td>
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At least two of: Arts Education* (10,20,30) or Practical & Applied Arts** electives at the 10, 20, 30 level
YOUR THREE YEAR PLAN FOR
MEETING CORE CURRICULUM REQUIREMENTS
AT NUTANA COLLEGIATE

GRADE 12

Compulsory:
• English A30
• English B30
• History/Native Studies 30 (3 credits)

At least one of:
• History 20
• Native Studies 20
• Native Studies 30
• Law 30 (Min of 1 credit)

Electives: choose a maximum of 4 courses from the list

Total for Grades 10, 11 & 12
= 24 credits (minimum)
Students must have 5 courses at 30 Level

At least two of: Arts Education* or Practical & Applied Arts** (10, 20, 30) Electives at the 10, 20 and/or 30 level

<table>
<thead>
<tr>
<th>Grade 12 Electives</th>
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<tbody>
<tr>
<td>• Art 30</td>
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<tr>
<td>• Biology 30</td>
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<td>• Calculus 30</td>
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<tr>
<td>• Chemistry 30</td>
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<tr>
<td>• Clothing Textiles &amp; Fashion 30</td>
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<td>• Drama 30</td>
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<tr>
<td>• Food Studies 30</td>
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<tr>
<td>• General Art 30</td>
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<td>• Guitar 30</td>
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<td>• Information Processing 30</td>
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<td>• Law 30</td>
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<td>• Life Transitions 30</td>
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<tr>
<td>• Math Workplace &amp; Apprenticeship 30</td>
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<td>• Math Foundations 30</td>
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<tr>
<td>• Math Pre-Calculus 30</td>
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<td>• Native Art 30</td>
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<td>• Photo 30</td>
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<td>• Physics 30</td>
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<td>• Physical Education 30</td>
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<td>• Psychology 30</td>
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<td>• Science 31</td>
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<tr>
<td>• Tourism 30A and 30B</td>
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<tr>
<td>• Wildlife Management 30</td>
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<td>• Woods 30</td>
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<tr>
<td>• Work Education 30A/30B</td>
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English Language Arts

ELA A10  Recommended: English 09
Themes include: The Unknown - Hopes & Fears, Challenges - Winners & Losers, and Frontiers - Canadian Journeys and Discoveries.
This course is also available online through the Online Learning Centre.

ELA B10
Themes include: Equality - Pain & Pride, Decisions - Actions or Apathy? Environment and Technology, and Reality & Responsibility. Students will have numerous opportunities to develop language and literacy skills in reading, writing, speaking and listening.
This course is also available online through the Online Learning Centre.

English 20  Prerequisite: English 10 A & B
Themes include: Recollections: a Journey Back and Anticipation: on the Threshold
In this course students use language to learn, think and communicate effectively and to understand the functions and forms of language.
This course is also available online through the Online Learning Centre.

ELA A30
Canadian Voices and Perspectives, addresses national issues as reflected in the traditional and contemporary literature of Canada and its regions. Two major themes of the course: Canada Diverse Landscapes and People and Canada - Diverse Canadian Voices.
This course is also available online through the Online Learning Centre.

ELA B30
World Voices and Perspectives. Traditional and contemporary world literature as seen through global issues. Two major units of the course are: The Human Condition - In Search of Self, The Social Experience - Beyond Personal Goals.
This course is also available online through the Online Learning Centre.

Communications 20  Recommended: English 10 A & B
Complements listening, speaking, reading, viewing, representing, and writing skills. Promotes personal growth and social development through the development of knowledge and use of language.
This course is also available online through the Online Learning Centre.
Arts Education

Art 10
• introductory study including painting, drawing, sculpting (clays/paper mache work, design and composition)
• a wide variety of media is used (tempera and acrylic paint, pencil crayons, ink, chalk pastel & watercolors
• art history component may include research power point presentation
• sketchbook will be independent learning while experimenting with media, strategies and themes

Art 20  Recommended:  Art 10
• advanced study in major art areas of painting, sculpting and drawing
• sketchbook assignments will be independent learning while experimenting with media, strategies and themes
• artist research presentation for art history component.

Art 30  Recommended:  Art 20
• genuine interest and strong commitment is essential
• individual independent study project
• opportunity to do in-depth study in drawing, sculpture and painting
• sketchbook assignments will be independent learning while experimenting with media, strategies and themes
• artist research presentation for art history component
• art gallery field trip

Visual Art 10/20/30
• this visual art class is designed to give a better understanding of our cross-cultural society.
• techniques in areas of painting, drawing and sculpture taught in the visual art courses will be applied to creating First Nations artwork
• opportunity for both Aboriginal and non-Aboriginal students to explore a specialized art avenue while accumulating knowledge of our First Nations people, and for First Nations to explore their own cultural art and artists.
• assignments may include: guest artists, storytelling, group participation, painting, clay, soapstone, plaster, papier-mâché, murals, beading and dream catchers.

General Art 30
• designed for the senior student without Visual Art 09, 10, or 20 prerequisite
• includes projects in drawing, painting, clay, sculpture and design.
• sketchbook assignments will be independent learning while experimenting with media, strategies and themes
• an integration of art history, independent studies and field trips. Since the student may be an inexperienced artist, content and progress are geared to the student’s ability.
Guitar

Guitar 10
This course is a study of the theoretical and practical aspects of guitar playing, with emphasis on performance, music reading, and listening skills. Opportunity for specialized individual work will be available. All guitar classes at Nutana have a focus on listening skills and analysis of pop music forms & history, as well as basics of recording and song writing using professional-level recording equipment. All students are evaluated at their base playing level and instruction carries on from the most logical and beneficial point to the student. To this end, topics may include:

- Beginner guitar
- Beginner theory
- Basic open chords
- Guitar maintenance (tuning, changing strings, basic repair)
- Simple compositions
- Recording and self-evaluation

Guitar 20  Recommended: Guitar 10
This course is a continuation of the theoretical and practical aspects of guitar playing, with emphasis on performance, music reading and listening skills, and opportunity for specialized individual work. All guitar classes at Nutana have a focus on listening skills and analysis of pop music forms & history, as well as basics of recording and song writing using professional-level recording equipment. All students are evaluated at their base playing level and instruction carries on from the most logical and beneficial point to the student. To this end, topics may include:

- Using the whole fretboard
- Scales
- Barre chords
- Intermediate fingerpicking and accompaniment
- Theory and analysis
- How to teach simple concepts to others
Guitar 30  Recommended: Guitar 20

Students should have basic music reading, writing, and playing skills or consider taking guitar 20 in order to be successful. Students in guitar 30 must be self-motivated and be able to work on their own as a large portion of this class is project-oriented. This course is a continuation of the theoretical and practical aspects of guitar playing, with emphasis on performance, music reading and listening skills, and opportunity for specialized individual work. All guitar classes at Nutana have a focus on listening skills and analysis of pop music forms & history, as well as basics of recording and song writing using professional-level recording equipment. All students are evaluated at their base playing level and instruction carries on from the most logical and beneficial point to the student. To this end, topics may include:

- Composing and recording
- Scales and chord progressions in all keys
- Advanced fingerpicking and accompaniment
- Theory and analysis
- How to teach simple concepts to others

Drama

Drama 10

- This course includes both theatre skills and creative drama. The main theme is the student’s personal development.
- Topics include speech, movement, characterization, concentration, theatre history, monologues and scene work.

Drama 20  Recommended: Drama 10

- This course is open to students in Grades 11 and 12. This course includes both theatre skills and creative drama. The main themes are script analysis and acting.
- Topics include speech, movement, teamwork, concentration, theatre history, scene and play work.

Drama 30  Recommended: Drama 20

- The emphasis is on performance, in both scripted and improvised work, and directing.
- Topics include theatre history, concentration, speech, movement, acting and directing.
Practical and Applied Arts

The aim of Information Processing is to develop skills to process information in four broad areas:

- Keyboarding/computer applications
- Communications/management of information

**Information Processing 10**  Focus: Personal Use

- This course is focused on preparing students for a variety of careers that require basic to intermediate level computer skills in Microsoft Office. (Word, Excel, Publisher and PowerPoint) Major emphasis is placed on developing proper keyboarding technique, speed, and accuracy.
- Assignments will include typing personal, business and cover letters, as well as learning to format a resume, create spreadsheets, design a newspaper and present information using power point.

**Information Processing 20**  Focus: Business Applications

Recommended: Information Processing 10

- This class will build on the skills developed in Information Processing 10. Major emphasis will continue to be placed on developing proper keyboarding technique, speed, and accuracy.
- Computer use will be geared towards business applications and software. Students will learn advanced word processing applications (manuscripts, essays), how to organize their computer workplace, the fundamentals of page layout through the use of graphics and information, design their own newsletter and business card as well as create an online multi-faceted resume.
- Effective use of spreadsheets and PowerPoint will be expanded.

**Information Processing 30**  Focus: Managerial

Recommended: Information Processing 20

- This class will build on the skills developed in Information Processing 20 with the focus being on applying these skills from, and in, a managerial perspective. Computer use and keyboarding skills will be enhanced and geared towards advanced topics such as database, creating professional documents, ergonomics and web page design.
- Throughout the course students will complete a major project that will be presented to the class. The assignment will require students to incorporate a variety of Microsoft Office program applications. (WORD, Excel, Publisher, PowerPoint, Access)
- Students may be required to participate in a work experience that will simulate an office/business environment.
Photo-Graphics 10 (PHO10)
- Basics of digital photography.
- Adobe Photoshop Creative Suite Three. Image creation is enhanced through digital imaging.

Photography 20 (PHO20)  
Recommended: Photo-Graphics 10
- Will work with digital images.
- "Communicating a Message" with our photos will be the foundation of the course.
This course is also available online through the Online Learning Centre.

Photography 30 (PHO30)  
Recommended: Photography 20
- Senior level class, the student will build a portfolio of work.
Commercial photography (advertising, people, products), advanced portraiture and digital photography.
This is a Practical and Applied Art credit.

Life Transitions 30
- Examines the changes encountered throughout life in health care, family, and the work place.
- Topics covered will be the health care system, conflicts in relationships, reproductive health, parenting, money management, independent living, and career planning.
- Course is designed to help student parents cope with being full time parents and high school students.

Food Studies 10
- Learning machine parts and functions
- Sewing terms, clothing care and properties of fabrics are introduced
- Completing a variety of machine sewing samples Smaller projects include a recycled cell phone case and pillow cover using in class fabric
- Larger projects include pajama pants or a bunnyhug (time permitting)-students purchase materials

Food Studies 30  (no prerequisite is required)
- Preparation of fast, easy, inexpensive and nutritious products and meals are emphasized
- Sanitation and safety in food preparation and storage is emphasized
- Food Safe Certification will be offered
- Foreign cuisine is studied and prepared
- Proper nutrition is emphasized and applied
- Students learn and apply decision making skills while grocery shopping (weather permitting)

Clothing, Textiles and Fashion 30 (no prerequisite is required)
- Beginner and advanced sewers are welcome
- A brief study of fashion and textiles
- Using a serger and computerized sewing machine
- Two projects suitable to the student’s ability are produced at their own cost
- Materials for smaller projects will be provided by the teacher
Career and Work Exploration A30 and B30

These 100-hour courses each consist of 25 to 30 hours of classroom learning and 70 to 75 hours of workplace learning. The work experiences are selected by the student in consultation with the classroom teacher.

The purpose of these classes is to provide students with the opportunity to develop the knowledge and skills necessary to seek employment and to start to think about their life through career development. Classroom learning will be expanded through community-based work experiences.

Course Content CWEA30
- Work preparation and follow-up activities – resume, cover letter, interview skills, etc.
- Career Exploration
- Occupational Health and Safety
- WHMIS
- Work placement (70-75 hours)

Course Content CWEB30
- Work preparation and follow-up activities – resume, cover letter, interview skills, etc.
- Labour Standards
- Workplace Ethics, Human Rights and Equity
- Earning and Understanding a Pay Cheque
- Work placement (70-75 hours)

Academic Research/Work Placement Program (CWE 30)
- Single-credit available to Grade 11 and 12 students from an academic stream, particularly in science and math. Preference is given to Grade 12 students.
- Complemented by the five week Academic Research/Work Placement from the College of Medicine, Veterinary Medicine, Engineering, Pharmacy/Nutrition, Kinesiology, and the College of Law.

Tourism
Nutana Collegiate is the first Canadian Academy of Travel and Tourism (CATT) Gold School in Saskatchewan. Travel and tourism is the world’s fastest growing sector and offers a variety of interesting career opportunities for today’s youth. This academy provides students with the opportunity to build the foundation of a tourism career as part of their high school education.

Tourism 30A
Students are introduced to the tourism industry and, in addition to a Tourism 30A credit, will be eligible to earn a national Canadian Academy of Travel & Tourism (CATT) Level 1 Certificate if they complete the following:
- Service Best (a Service Excellence Certificate)
- WHMIS Certificate
- Food Safe Certificate
- Career Awareness Activities
- Tourism Essential Skills (Part 1) based on the CATT Learning Outcomes
- A minimum of 25 hours volunteer/work experience
Tourism 30B

Prerequisite: Tourism 30A
In addition to a Tourism 30B credit, students will be eligible to earn a national Canadian Academy of Travel & Tourism (CATT) Level 2 Certificate if they complete the following:

- Serve It Right Awareness (an Employability Skills requirement)
- First Aid/CPR Certificate
- Tourism Essential Skills (Part 2) based on the CATT Learning Outcomes
- A portfolio
- A minimum of 100 hours volunteer/work experience

Entrepreneurship 30

"The best way to predict the future is to create it."
-Peter Drucker

Have you ever thought of starting or creating your own business? Are you creative and able to work independently? If so, this class could be for you! Entrepreneurship is a viable employment/career option for today's youth. Today, 50% of all workers will create their own livelihoods, by either starting their own business or by piecing together several jobs.

Entrepreneurship 30 provides an opportunity for you to develop your entrepreneurial ability and identify and develop personal characteristics and skills that will help you to succeed in a changing world.

Through the course you will develop a real hands-on understanding of what it means to be an entrepreneur through the planning, marketing, and financing that goes into a successful venture!

Leadership 30

"Leaders are made, they are not born. They are made by hard effort, which is the price which all of us must pay to achieve any goal that is worthwhile." ~ Vince Lombardi

The attributes of a successful leader can be identified, learned and refined. This course is designed to give you the opportunity to explore ways in which you can become a successful leader in your school and community through a blend of classroom instruction, group discussion, activity-based learning, project work and volunteerism.

The course will be divided into units of study each with theory, activities, guest speakers, class assignments, reflective writing, group discussions and evaluations.

Topics include: building effective habits, defining and recognizing leadership styles, identifying and applying leadership qualities and virtues, promoting positive citizenship, goal setting, public speaking, decision making, service and volunteerism along with planning and organizing successful events.
Woods and Construction

**Woods 10**
Recommended: Grade 09 Industrial Arts Drafting
- measuring skills
- blueprint reading
- project design

**Woodwork**
- use of table saw, mitre saw, jointer and thickness planer
- projects include: student choice
- woods identification and cost estimation

**Woods Construction 20**
Prerequisite: Industrial Arts 10
- A building construction class
- learn framing techniques, including roofing & walls construction.
- some concrete work will be done.
- students must be able to handle power tools.

**Woods Construction 30**
Prerequisite: Woods Construction 10 and 20

**Drafting**
- review of basic concepts/ technical perspective drawings
- students are required to completely design their own woodwork projects

**Woodwork**
- extensive machine work/equipment maintenance
- furniture projects/cheests, fine woodworking projects, tables, carving chests, fine woodworking projects, tables, carving
Wildlife Management

Wildlife Management 20/30
- students will examine beliefs and attitudes related to wildlife and simulate an awareness of the importance of wildlife to humans individually and as a community.
- activities and theory foster development of career development opportunities and hobbies

Course Overview:
- Wildlife and Ecosystems
- Natural History of Saskatchewan
- Outdoor Experiences I
- Wildlife – Our Responsibility
- Wildlife – An Aboriginal Perspective
- Career Opportunities in Wildlife
- Outdoor Experiences II (Northern Exposure)
- CPR/First Aid training and certification will be acquired
- Available in Quarter 4 only
  - Give students an opportunity for experiential (hands-on) learning through field trips to Prince Albert National Park, Brightwater Environmental Centre, Beaver Creek Conservation area, and several others.

Social Sciences

History 10
- examines world history primarily from the 15th through the 19th centuries
- units include the colonization of the Americas, French Revolution, 19th Century Nationalism and the Industrial Revolution
- current events and World Geography are a part of this course.

History 20  Recommended: History 10 or Native Studies 10
- helping students understand the major issues facing humanity in the 21st century.
- examining major events and ideas from the past century like World War I, the difficulty in maintaining peace, World War II, the Cold War, The Korean Conflict and UN/NATO and present day world situation and global issues such as terrorism and human rights

History 30  Recommended: History 20 or Native Studies 20
- helps students understand the history of Canada and the major issues facing Canadians.
- covers the social and economic changes, historical forces, decision making processes, domestic and global challenges, internal and external forces that create the realities that Canadians face today.
This course is also available online through the Online Learning Centre.
Native Studies 10
- concentrates on the positive images of First Nations, Metis and Inuit peoples.
- complements the beliefs and values of First Nations, Metis and Inuit peoples, and presents material in a continuum of traditional, historical and contemporary perspectives.
Topics include:
- Spiritual Life/Family Life/Social Life
- Political Life/Economic Life/Educational Life

Native Studies 20 Recommended: History 10 or Native Studies 10
This course examines International Indigenous Issues in three major areas.
Major units of study are:
- development in all areas from an Aboriginal perspective

Native Studies 30 Recommended: History 10 /Native Studies 10
This course examines the current trends for Aboriginal people in Canada.
Study Focus:
- how do treaties, land claims, politicians, economists, and government affect the lives of Aboriginal people and Canadians as a whole?
This course is also available online through the Online Learning Centre.

Psychology 20
- study of human behavior and mental process in a social context. How are the thoughts, feelings, and behaviors of people influenced by actual, imagined or implied presence of others? Who am I? How do we make sense of our world? How do we act and interact in a social world?

Psychology 30
- developmental psychology deals with physical, intellectual, social and personality development throughout the life span.
- scientific study of how people change and how they stay the same from prenatal through childhood, adolescence and adulthood, to the end of life.

Law 30 Recommended: History 10 or Native Studies 10
The course concentrates on practical aspects of the law and is based on relevant, current case law.
Types of law studied are:
- Legal History
- Contract Law: sale of a car, rental and lease agreements and insurance
- Civil Law: negligence, intentional torts, unintentional torts
- Family Law: marriage, divorce and child custody
- Criminal Law - an overview
- Aboriginal Perspective and Issues Relating to Law
This course is also available online through the Online Learning Centre.
Course Selection Guide for Science and Math

Science

Mathematics

K – 9 Math

Foundations of Math

Pre-Calculus 10

Workplace and Apprentiship 10

Math 11

Math 21

Workplace and Apprentiship 20

Pre-Calculus 20

Foundations of Mathematics 20

Workplace and Apprentiship 30

Pre-Calculus 30

Calculus 30

Foundations of Mathematics 30
Mathematics

Mathematics 10
In Grade 10, students are strongly encouraged to take both math courses:

Workplace and Apprenticeship Mathematics 10 (WA10)
Prerequisite: Mathematics 09
• provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs in trades and technology, and for direct entry into the work force. Topics include: measurement, trigonometry, geometry, consumer math, and algebra.

Foundations of Mathematics and Pre-Calculus 10 (FP10)
Prerequisite: Mathematics 09
• provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs. Topics include: measurement, trigonometry, exponents, polynomials, factoring, irrational numbers, and relations and functions.
This course is also available online through the Online Learning Centre.

Mathematics 20

Workplace and Apprenticeship Mathematics 20 (WA 20)
Prerequisite: Workplace and Apprenticeship Mathematics 10
• 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. Topics include: financial mathematics, algebra, logical reasoning, geometry and number sense.
This course is also available online through the Online Learning Centre.

Foundations of Mathematics 20 (FM 20)
Prerequisite: Foundations of Mathematics & Pre-Calculus 10 (or Math 10)
• provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs not requiring the study of theoretical calculus.
• topics include: logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics and probability.
This course is also available online through the Online Learning Centre.
Pre-Calculus 20 (PC 20)
Prerequisite: Foundations of Mathematics & Pre-Calculus 10 (or Math 10)
• provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus.
• topics include: absolute value, radicals, trigonometry, rational expressions and equations, factoring, quadratic functions, quadratic equations, inequalities, reciprocal functions, sequences and series.
This course is also available online through the Online Learning Centre.

Mathematics 30

Workplace and Apprenticeship Mathematics 30 (WA 30)
Prerequisite: Workplace and Apprenticeship Mathematics 20 (Math A30)
• provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the workforce. Topics include: trigonometry and measurement, transformations, logical reasoning, measures of central tendency, linear relations, probability, business and financial mathematics.
This course is also available online through the Online Learning Centre.

Foundations of Mathematics 30 (FM 30)
Prerequisite: Foundations of Mathematics 20 (Math A30)
• provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs not requiring the study of theoretical calculus. Topics include: financial decision making, logical reasoning, counting principles, probability, polynomial functions, periodic functions, logarithmic and exponential functions.

Pre-Calculus 30 (PC 30)
Prerequisite: Pre-Calculus 20 (Math B30)
• provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs requiring the study of theoretical calculus.
• topics include: the unit circle, trigonometric functions, trigonometric equations and identities, logarithmic and exponential functions and equations, counting principles, transformations and composition of functions, radical functions, rational function and polynomial functions.

Calculus 30
Prerequisite: Pre-Calculus 30
• an advanced class for very capable math students who are planning to continue in mathematics at the university level. The course includes topics on limits, differentiation and its application to curve sketching and problem solving, as well as an introduction to integration and calculating the area under curves.
MODIFIED MATHEMATICS

Mathematics 11  
Recommended: Mathematics 09 or Modified Math 09
- a modified 10 level mathematics course.
- focuses on improving basic math and algebraic skills taught in grade nine as well as developing math skills used in everyday life at a learning pace suited for all students in the class.

Mathematics 21  
Prerequisite: Math 10 or Math 11
Topics to be considered include:
- integers and fractions/irrational numbers
- consumer math/probability
- polynomials
- angles and polygons/circles

SCIENCE

Science 10  
Recommended: Science 09
- foundational science course, incorporating scientific inquiry, technological problem solving
- STSE Decision-Making, and Cultural Perspectives to gain an understanding of basic chemistry, motion, and ecosystems.
- an exploration of careers in science, along with a laboratory, hands on approach are used throughout the course, leading into the study of all sciences at the grades 11 and 12 levels.

Science 11/21/31  
These classes are available for students who need modified courses.
- Focuses on improving basic science skills taught in science 9 as well as developing science skills used in everyday life such as measuring, lab skills, decision making and inquiry.

Health Science 20  
Prerequisite: Science 10 or 11
This course will challenge students to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. Students will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. Lastly, students will examine diagnostic tools and procedures and how they are used to inform treatment. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan.
This course is also available online through the Online Learning Centre.
Biology 30  
Prerequisite: Health Science 20 or Environmental Science 20  
Topics include: biochemistry, cell biology, DNA and proteins, genetics, human body systems and societal issues. A pig/rat dissection is included in this course.  
This course is also available online through the Online Learning Centre.

Physical Science 20  
Prerequisite: Science 10 or 11  
This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of waves. An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help students better understand various physical science related career paths. Student inquiry will guide independent investigations of physical science phenomena.  
This course is also available online through the Online Learning Centre.

Chemistry 30  
Prerequisite: Chemistry 20 /Physical Science 20  
Topics include:  
• energy changes in chemical reactions  
• factors affecting reaction rates  
• equilibrium and solubility  
• acid-base reactions/redox reactions  
• solutions and solubility  
This course is also available online through the Online Learning Centre.

Environmental Science 20  
Prerequisite: Science 10 or 11  
Students will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. They will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.  
Students who take this class should be prepared to spend a significant amount of time outside.

Physics 30  
Prerequisite: Physics 20/Physical Science 20 or Math 30A  
• course focuses on the mechanics of motion, electricity, and nuclear physics.  
• incorporates some hands-on activities to deepen the understanding of major physics concepts.  
• course involves problem solving and the manipulation of variables in a variety of formulae.  
Topics of study include:  
• kinematics (the description of one dimensional motion)  
• dynamics (Newton, forces, two dimensional motion)  
• mechanical energy including work, kinetic and potential energy, power  
• electricity including current and potential difference, circuits  
• nuclear physics including natural radioactivity, nuclear fission and fusion  
This course is also available online through the Online Learning Centre.
Wellness 10 (Physical Education 10)
- emphasizes development of a wellness philosophy and pursuit of wellness as a lifelong behavior.
- Students investigate six components of wellness: physical activity, stress management, physical fitness, leisure, relationships and healthy eating.
- Activities include: swimming, volleyball, basketball, archery, racket sports, cross-country skiing, weight training, slow pitch, tennis, indoor games and outdoor games.
- some community-based activities will also be included.
- appropriate gym/sports wear is required.

Special Physical Education 20  Recommended: Wellness 10 (Phys. Ed)
- emphasis is on lifelong activities with some school-based programs: billiards, badminton, bowling, canoeing, curling, fitness, ice games, outdoor games, indoor games, wall climbing, cross-country skiing, slow pitch, swimming, tennis
- class will be held partially at facilities off campus
- transportation will be provided for students who require it

Special Physical Education 30  Recommended: Physical Education 20
- emphasis on lifetime activities: slow pitch, canoeing, bowling, cross-country skiing, golfing, swimming, fitness, curling, archery, badminton, and orienteering
- some activities will be held at facilities off-campus
- transportation will be provided for students who require it

English as an Additional Language

Nutana Collegiate offers support to students who are learning English. The goal of supporting English language learners is to enable them to succeed academically and complete graduation requirements.

An EAL support class is a period in which a student can receive additional time and assistance to complete course work from his/her classes. There is no credit for this class. Language learning is a process that takes a lot of time and hard work. The speed at which a student learns the language is affected by many factors. Students should consult with the guidance counsellor and/or EAL teacher to choose their classes.
Driver Education 0 credit class

- Students must complete a Driver Education course to qualify for a driver’s license.
- This course includes the theoretical and practical phases necessary for motor vehicle operation. It is offered at Nutana Collegiate for our students.
- Preparation for, and the writing of, the provincial learner’s license is included in the course.
- Driver Education has been incorporated into our program for the third quarter.
- Check with the main office if you were not scheduled for driver education.
- The complete course is also offered twice during the summer months.

Further information may be obtained from the Driver Education Manager at the Board of Education Office at 306-683-8268.

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2015-2016 Online Courses:
- ELA A10, B10, 20, A30, B30; Journalism 20; Creative Writing 20, 30
- Mathematics Foundations & Pre-Calculus 10; Foundations 20, 30; Workplace & Apprentice 20, 30; Mathématiques Pré-Calc 20 (French); Pre-Calculus 20, 30; Calculus 30
- History 30; Native Studies 30; Law 30; Geography 30; Psychology 30
- Physical Sciences 20 Biology 30; Chemistry 30; Physics 30
- Computer Science 20, 30; Communications Media 20, 30; Communications Media (French) 20, 30; Photography 20
- Accounting 10, 20, 30; German 10, 20

As a Saskatoon Public School student, you are invited to meet with a guidance counsellor at your school to discuss using online courses to supplement your education.

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POST-SECONDARY ADMISSION CONTACTS
2015-2016

University of Saskatchewan
Recruitment & Admissions: (306) 966-5788
or
email: admissions@usask.ca
For up-to-date admissions requirements,
please visit their website: www.explore.usask.ca

University of Regina
Admissions Office Toll Free 1-800-644-4756
For up-to-date admissions requirement,
please visit their website: www.uregina.ca

First Nations University of Canada
1-800-267-6303
website: www.fnuniv.ca

SIAST Campuses
Toll Free 1-866-goSIAST
Website: www.gosiast.com

Kelsey Campus – Saskatoon
(306) 691-8200
Email: NSAKelsey@siast.sk.ca

Palliser Campus – Moose Jaw (306) 659-4300
Email: NSAPalliser@siast.sk.ca

Wascana Campus – Regina
(306) 765-1500
Email: NSAWascana@siast.sk.ca

Woodland Campus – Prince Albert (306) 775-7300
Email: NSAWoodland@siast.sk.ca

Saskatchewan Indian Institute of Technologies
(306) 373-4777
Website: www.siit.sk.ca
Our leadership team at Nutana believes that every student has value, and the school's mandate to increase student resiliency is crucial for individual success.
• 10 week quarter classes
• take only two (2) classes at a time
• small class sizes
• strong focus on careers
• strong arts program
• community feeling
• close relationships
• three Academies (specialties)
  ◦ Academic Upgrading
  ◦ Career & Experiential Learning
  ◦ Community Engagement
• multiple community supports
• volunteer opportunities
• wildlife management
• mentorship