



**NUNAVUT**  
**INUIT LANGUAGES AND CULTURES**  
Jewelry and Metalwork (and all fine arts)

PROGRAM REPORT

434  
Jewellery and Metalwork

**Start Term:** No Specified End Date  
**End Term:** No Specified End Date  
**Program Status:** Approved  
**Action Type:** N/A  
**Change Type:** N/A  
**Discontinued:** No  
**Latest Version:** Yes

## Program Details

434 - Jewellery and Metalwork

**Start Term:** No Specified End Date

**End Term:** No Specified End Date

### **Program Details**

**Code**

434

**Title**

Jewellery and Metalwork

**Start Term**

No Specified End Date

**End Term**

No Specified End Date

**Total Credits**

**Institution**

Nunavut

**Faculty**

Inuit Languages and Cultures

**Department**

Jewelry and Metalwork (and all fine arts)

### **General Information**

**Eligible for RPL**

No

**Description**

The Program in Jewellery and Metalwork will enable students to develop their knowledge and skills of jewellery and metalwork production in a professional studio atmosphere. To this end the program stresses high standards of craftship and creativity, all the time encouraging and exposing students to a wide range of materials, techniques and concepts. This program is designed to allow the individual student to specialize in an area of study of particular interest. There is an emphasis on creative thinking and problem-solving throughout the program. The first year of the program provides an environment for the students to acquire the necessary skills that will enable them to translate their ideas into two and three dimensional jewellery and metalwork. This first year includes courses in: Drawing and Design, Inuit Art and Jewellery History, Lapidary and also Business and Communications. Upon successful completion of the first year, students will be proficient in basic and intermediate metal fabrication skills. They will have the ability to work in an unsupervised studio. The second year will consist of more advanced courses in Jewellery, Drawing and Design, Lapidary, Business and Communications. The studio courses are designed to promote confidence with the technical skills acquired in the first year, introducing new metalsmithing techniques and to encourage

creativity and the emergence of a personal style. There is an emphasis on portfolio presentation and marketing. Successful completion of the diploma program will prepare the graduate to develop a career as a self-employed jeweller/metalsmith whose work can be sold through northern and southern galleries or commercial outlets.

## **Inuit Qaujimaningit**

### **Career Opportunities**

### **Program Learning Outcomes**

### **Program Objectives**

#### **Year 1 - Certificate**

Participants will learn how to:

- Name and use safely the main tools and materials in a jewellery studio;
- Use basic jewellery techniques to fabricate sterling silver, brass, and copper jewellery;
- Use a polishing machine to finish their work to a professional standard;
- Produce a variety of finishing techniques;
- Work safely in a jewellery studio without supervision;
- Translate their ideas into working drawings, and understand the basic drawing fundamentals;
- Cost out work and carry out basic business communications and transactions.

#### **Year 2 - Diploma**

Participants will learn how to:

- Develop further independence and competence in using hand tools to fabricate jewellery;
- Explore more advanced jewellery techniques;

- Use basic silversmithing techniques;
- Make models for casting in precious metals;
- Set cabochon gemstones in jewellery;
- Made a complex piece of jewellery or hollowware;
- Solve a variety of 2 and 3 dimensional design problems;
- Prepare working drawings for each project;
- Complete basic business transactions.

### **Program Delivery Model**

Classroom

### **Admission Requirements**

#### **Program Eligibility**

Applicants wishing to apply to this program must:

- Exhibit a commitment to becoming an artist;
- Be self-motivated, responsible and reliable;
- Demonstrate a willingness to explore many types of materials, techniques and ideas;
- No previous academic level is required, however applicants must be able to read and write;
- Consideration will be given to applicants who are unilingual in Inuktitut.

#### **Applicant Assessment**

Applicants wishing to apply to this program must:

- Submit a record of last completed academic year or ABE upgrading;
- Submit three (3) letters of reference;
- Submit a letter of interest explaining why he/she wishes to enter the program;
- Applicants may be required to complete the Nunavut Arctic College placement package to assess Math, English and Inuktitut skill levels;
- Applicants submitting a portfolio of work will be given preference.

### **Program Admission**

Applicants will be admitted to this program based on program eligibility and applicant assessment results.

### **Program Information**

Both the first and second year of the program are 7 months in length (140 days each).

There are ten (10) core courses required per year. The Senior Instructor may determine that an elective course be substituted for one of the core courses in accordance with operational requirements, and in response to student ability.

Besides scheduled instructional time, students will be required to spend additional hours in the studio in order to complete required projects. Jewellery projects are evaluated on the working and presentation drawings as well as the finished piece.

Students who decide not to pursue a Diploma may receive a Certificate upon successful completion of the first year.

### **Selection Process**

Application| English Assessment Testing| Inuinnaqtun Testing| Inuktitut Testing| Letter of Intent| Math Assessment Testing| Reference Letter(s)| Transcripts

### **Practicum or Work Experience**

**Credential**

**Certificate**

**Length of Program**

**Degree**

**Length of Program**

**Diploma**

**Length of Program**

**ROA**

**Length of Program**

**ROP**

**Length of Program**

**Graduation Requirements**

**Graduation Requirements**

Students must complete all projects assigned to the satisfaction of the instructor. Students must achieve a minimum grade average of 60% for each studio course.

**Graduation Eligibility**

**Graduation Eligibility**

**Mandatory**

**Mandatory**

Year One

Number	Course/Module Name	Credits	Cr	Hrs	Semester
434-111	Jewellery 1	3		45	F
434-112	Jewellery 2	3		45	F
434-115	Drawing and Design 1	3		45	F
434-116	Business and Communications 1	3		45	F
434-117	Inuit Art History	3		45	F
434-113	Jewellery 3	3		45	W
434-114	Jewellery 4	3		45	W
434-118	Drawing and Designs 2	3		45	W
434-119	Business and Communications 2	3		45	W
434-120	Jewellery History	3		45	W
Other courses required, previously completed or approved equivalent					
080-15X	Inuktitut OR	NC		45	W
080-16X	Inuktitut as a Second Language	NC		45	W

## **Electives**

### **Electives**

#### Year One

Number	Course/Module Name	Credits	Cr	Hrs	Semester
434-159	Introduction to Lapidary	3		45	W

In order to complete studio projects will be required to spend non-instructional time in the studio. The studio is open 8:30-5:00 and occasionally on evenings and weekends

#### Year Two

434-211	Advanced Jewellery 1	3		45	F
434-212	Advanced Jewellery 2	3		45	F
434-213	Advanced Jewellery 3	3		45	F
434-217	Drawing and Design 3	3		45	F
434-218	Business and Communications 3	3		45	F
434-214	Advanced Jewellery 4	3		45	W
434-215	Advanced Jewellery 5	3		45	W
434-216	Graduating Project	3		45	W
434-219	Drawing and Design 4	3		45	W
434-220	Business and Communications 4	3		45	W
434-535	Intermediate Lapidary	3		45	W



434-520 Advanced Metal Fabrication Techniques 3 3 45 W

434-155 Intro Engraving, Repousse, Chasing

Metalsmithing 3 45 W

434-525 Advanced Metal Fabrication Techniques 4 3 45 W

434-526 Advanced Metal Fabrication Techniques 5 3 45 W

434-541 Internation Studies in Jewellery and

Metal Work 15 One Semester

Other courses required, previously completed or approved equivalent

080-15X Inuktitut OR NC 45 W

080-16X Inuktitut as a Second Language NC 45 W

### **Course Descriptions**

#### **Course Descriptions**

**434-111 Jewellery 1**

Students will develop intermediate skills with basic tools such as the saw, file, emery paper and polishing machine. Students will learn chasing, riveting, high polish, texturing, and patination. Students will complete 3 finished pieces of jewellery, 3 samples and 2 tests in brass, copper and sterling silver. Form and shape will be emphasized in the designing of the projects.

#### **434-112 Jewellery 2**

The main emphasis of this course will be on soldering, building on the techniques developed in 434-151. Students will be given a number of exercises and projects that require butt, perpendicular joints and multiple solders. New design problems will accompany each project. Students will complete 3 finished pieces of jewellery, 3 solder samples and 1 written test. Students will also help organize and participate in the annual Christmas craft sale.

#### **434-115 Drawing and Design 1**

In this course, students will learn the basic principles of visual design language. This will include line, tone, shape, composition, movement, and texture. The application of materials such as graphite, pen and ink, ink wash, charcoal, conte and pastel will be explored. Emphasis will be on drawing from observation then translating these images and ideas to a 2-dimensional plane. Subjects will be taken from real life and books, as well as from the imagination. Students will learn to use drawing as a tool in design development, specifically for jewellery projects.

#### **434-116 Business and Communications 1**

Students in this course will have the opportunity to improve their math and computer skills. In addition, students will be introduced to the basic documents used in business of self-employed artists; the resume, the biography, the business letter, and the business card. Students will also participate with second year students in planning and executing group fundraising activities, such as planning the Christmas Art Sale and running a small lottery. These activities introduce students to simple budget planning, advertising, and team work, as well as helping them develop effective and professional oral and written communication skills.

#### **434-117 Inuit Art History**

this course is an introduction to the cultural history of the Eastern Arctic and deals specifically with the rich art and craft background of the Inuit. The course will cover the material culture of Arctic people, with a thorough exploration of the pre-historic roots of Inuit art-making to modern Inuit art. Often elders from communities are invited to give lectures on their oral history. Inuit history will be placed in context with an examination of personal, family, cultural, and world history. Students will do a number of class projects with a mid-term and final exam. This course will help students investigate their cultural roots for a greater artistic awareness and creativity.

#### **434-113 Jewellery 3**

In this course students will combine the skills learned in the earlier courses to create more complicated pieces of jewellery. These projects will help students to develop their image-making and designs. New techniques are introduced - tool making, how to form a bracelet, and how to fabricate a brooch. Students will make 3 tools, 5 finished pieces of jewellery, 3 samples (pin backs) and complete 1 test.

#### **434-114 Jewellery 4**

This final metal course of the first year is an opportunity for the student to recognize all the skills they have learned in the previous courses. The projects will demonstrate the students' abilities and also require a professional attitude towards quality craftsmanship and good design sense. The student should demonstrate independent problem-solving, creativity, and a facility with technical skills throughout this course. At this point, students should be able to complete their projects with a minimum of assistance from the instructor. The projects are designed to allow the students to develop their image-making and designs and to further refine their soldering skills. The student will complete 5 projects and 1 test and prepare for their year end exhibitions.

#### **434-118 Drawing and Design 2**

This course is designed to aid the student in the translation of ideas or concepts into abstract and representational images. Students will refine their drawing and design skills through exploration of perspective, stylization, technical drawing and computerized design. Composition and proportion will be emphasized. Students will also experiment with washes, ink drawings and stencil printing.

#### **434-119 Business and Communications 2**

This course introduces students to business skills specific to working as an artist in Nunavut. Topics to be covered include: developing an artist portfolio, wholesale and retail sales methods, basic business concepts such as budgeting and marketing, calculating the price of artwork, methods of shipping and packaging, ordering tools by fax or by telephone, applying for tool grants and travel grants, and keeping track of working hours and inventory. Students will continue to have instruction and class time focused on math and computer skills.

#### **434-120 Jewellery History**

This course is an introduction to the history of jewellery in the context of world cultures. The lessons begin with the earliest piece of jewellery known to humans and then extend into various contemporary and historical jewellery-making cultures, including Ancient Egypt, Greece, Rome, Byzantine, China, Japan, West Africa, South Africa, and North American Aboriginal groups. Reading and lectures will address: materials used in different regions and time periods, different jewellery-making techniques, and different cultural reasons for making and wearing jewellery. Students will be encouraged to consider their own artistic visions and their understandings of art/beauty in the context of jewellery styles from around the world. There will be lectures, readings, and daily drawings studies of specific pieces of jewellery.

### **Year 2 - Diploma**

#### **434-211 Advanced Jewellery 1**

At the start of the Diploma year, the student's design abilities will be challenged through the manipulation of imagery to the different forms of jewellery and metalwork. Drawing on the basic techniques learned in Year 1 and learning a new silversmithing technique - forging - students will start the year by making a spoon with chased detailing on the handle. They will then fabricate a series of pieces using the same techniques and

design, but adapt them to different jewellery forms - brooch, pendant, ring, necklace. Variations on existing techniques will be introduced through demonstrations and samples. Students will have to complete 1 spoon, 3 pieces of jewellery and 1 test.

#### **434-212 Advanced Jewellery 2**

This course will emphasize the narrative or story telling aspect of jewellery. As such, design emphasis will be on stories: personal, cultural, fantastic. Students will be encouraged to use gemstones and/or other material, such as ivory, bone, antler, soapstone and wood. Setting, connection and construction methods and techniques will be discussed as required by the projects. By this point in the year each student's work should be demonstrating individually in technical and design preferences. The student will make 2 projects and have one written test.

#### **434-213 Advanced Jewellery 3**

Metalsmithing is a term that refers to the moving of metal by means of a hammer. In most cases, metalsmithing is the making of objects for utilitarian use such as cooking and eating utensils. In this course students will produce a project which augment their metalsmithing abilities. Students will look at the ancient ways in which metal objects were produced as well as some alternatives to the traditional that do not require specialized equipment. Students will form metal by using a sandbag, wood stump, as well as the pitch bowl. Image-making and personal style will also be emphasized.

#### **434-217 Drawing and Design 3**

This course is intended to further develop students' design skills. This will involve researching ideas from many sources in order to cultivate a variety of creative possibilities. Through drawing, editing, and then re-drawing, images will be refined and finally translated into three-dimensional form. Inspiration will be taken from man-made and natural objects and students will continue to explore materials and be encouraged to work on large-scale projects.

#### **434-218 Business and Communications 3**

This course will review the skills necessary to be a self-employed artist and crafts-person and will introduce the processes involved with running a small business. Topics to be reviewed include: basic business communication skills, banking and bookkeeping skills, math, and computer skills. The documents covered in this course are: resume, biography, business letter and business card. Students are challenged to create these documents with more independence, precision, and flair. Second year students work side-by-side with first year students to plan and execute fundraising projects and thus continue to improve their marketing, planning, budgeting, and team work skills.

#### **434-214 Advanced Jewellery 4**

This course focuses on production work, problem solving and creative thinking. The projects will have very specific limitations, of both a technical and design nature. For example, students will have to design and create a metal model (from which a rubber mold will be made) that can be used as a ring top, earring, chain link, etc. This will present the students with creative challenges, test their ingenuity, and prepare them for the creation of an effective but simple production line. Students will complete 2 projects and one test.

#### **434-215 Advanced Jewellery 5**

The projects in this course are designed to introduce the concepts of mechanical catches, hinges, and joints. Students will design and create pieces of jewellery that incorporate mechanical parts keeping in the style of their previous work. The emphasis in this course is design development and the production of high quality pieces.

#### **434-216 Graduating Project**

This is the final course needed to complete the two-year Diploma in the Jewellery and Metalwork Program. It is a project decided upon by the student - with the instructors guidance - and should be ambitious enough to reflect its credit weight. The project should be quite substantial. It is very important that the project be well-planned, constructed and finished to the highest quality. This is an opportunity for the student to show-off all they have learned in the last two years. It is important not to learn new skills in this project.

#### **434-219 Drawing and Design 4**

This course will focus on refining the student's technical and presentation drawing skills. Students will learn to effect accurate technical drawings in order to aid in the construction of a jewellery design. They will also produce a variety of promotional materials (for customer sales, display, and information) to be used in student exhibitions and fundraising events and sales.

#### **434-220 Business and Communications 4**

This course introduces students to business concepts related to running a small are business. Topics to be covered include: portfolio development and design, office and business communications skills (e-mail, fax machines, handling orders, faxes, art/craft work presentation, speaking skills and other promotional tools), business licenses, basic bookkeeping and banking skills, balancing a cheque book, sources of financing in Nunavut, grant applications, how work is sold, distribution of art and craft, insurance, freight, and shipping and packing art. Students will also continue to plan and execute fundraising projects, and to improve math and computer skills.

#### **Electives**

#### **434-159 Introduction to Lapidary**

Develops basic skills in cutting semi-precious gem rough, using templates, roughing out, grinding, sanding and polishing, making a variety of cabochon shapes. Students will use these cut stones in class projects. In the second semester, students are encouraged to cut specific stones to match design. Students are introduced to a range of gem material, where it comes from, faceted stones - natural and man-made.

#### **434-535 Intermediate Lapidary**

Students will learn intermediate lapidary techniques such as sawing delicate stones, cutting, shaping and polishing free form shapes, calibration, working with difficult to polish lapidary materials, all with the emphasis on demonstrating consistent results in basic forms. The use of diamond files, diamond wire saws and

diamond points will be introduced. Students will be introduced to the techniques of faceting through demonstrations, video and slides. Students will also learn more about the range of gemstone material, local material, sources, uses and properties. Costs of rough, finished goods, equipment, and how to buy gemstones will be covered.

#### **434-520 Advanced Metal Fabrication Techniques 3**

Students will apply precision metal soldering learned in Metal 1 to mechanical catches and hinges. Projects may include bracelets with hinges and locking cuffs or knife with locking blade. In addition to these projects, students will be required to complete at least 2 other original designs. High design quality will be the main purpose of these pieces.

#### **434-155 Introduction to Engraving, Chasing, Repousse and Metalsmithing**

Develops basic skill in engraving in copper and sterling silver, through line and surface textures. Students will also learn to sharpen and make a trademark stamp out of tool steel. Students will be encouraged to use engraving techniques in future class projects. Students will develop the basics of chasing and repousse by making different tools, forming a three-dimensional portrait, making a chasing stamp, working with different textures and designing a brooch using various textures. They will gain an understanding of the properties of different metals in relation to the silversmithing process, identify and work with the basic tools of the silversmith, and raise a bowl in copper.

#### **434-525 Advanced Metal Fabrication Techniques 4**

Students will explore more complex design and technical aspects of jewellery making. Other materials such as ivory or wood will be incorporated into designs. Students will utilize fabrication techniques previously learned to design and make a variety of jewellery items which allow the wearer to alter the jewellery piece into different forms - such as a brooch that opens up to expose a hidden mask or a hinged box. Students will be required to complete one additional original piece.

#### **434-526 Advanced Metal Fabrication Techniques 5**

This course is an introduction to the technical aspects of basic ring design and stone setting. Students will produce rings with bezel and claw setting as well as two additional rings using techniques learned. Students will be required to produce at least one cast ring (carved wax). In addition, students will produce a small line of jewellery based on the thoughtful, sensitive use of casting.