APPAREL TECHNICAL DESIGN (POSTGRADUATE CERTIFICATE) PROGRAM
(F414)

<table>
<thead>
<tr>
<th>PROGRAM NAME</th>
<th>Apparel Technical Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSE CODE</td>
<td>F414</td>
</tr>
<tr>
<td>SCHOOL</td>
<td>School of Fashion and Jewellery</td>
</tr>
<tr>
<td>CENTRE</td>
<td>Arts, Design and Information Technology</td>
</tr>
<tr>
<td>LOCATION</td>
<td>Casa Loma Campus, with some classes at Fashion Exc</td>
</tr>
<tr>
<td>DURATION</td>
<td>1 year (3 semesters)</td>
</tr>
<tr>
<td>EXPERIENTIAL LEARNING</td>
<td>160 hours of field education in semester 3</td>
</tr>
<tr>
<td>STARTING MONTH</td>
<td>September</td>
</tr>
<tr>
<td>CREDENTIAL</td>
<td>Ontario College Graduate Certificate</td>
</tr>
<tr>
<td>YEAR OF STUDY</td>
<td>2019-2020</td>
</tr>
<tr>
<td>METHOD OF STUDY</td>
<td>FT</td>
</tr>
<tr>
<td>APPLY TO</td>
<td>Ontario Colleges¹</td>
</tr>
</tbody>
</table>

Tuition
$7,615.00 * +

Additional Cost
* Amounts listed are the total of tuition, materials, student service and ancillary fees for the first three semesters of programs starting in Fall 2018. Fees are subject to change for programs starting in Fall 2019 and at later dates.

+ Books and additional supplies are not included in tuition fees and must be purchased by the student separately.

International students: Visit the International Fees and Related Costs² page for more information.

Apparel Technical Designers are the link between design and production as they transform a sketch into a full technical package ready for manufacturing a product in quantity. This one-year Apparel Technical Design graduate certificate program in Toronto prepares fashion designers with apparel technical design skills for positions in the apparel industry.

Graduates will have the skills to design and complete a collection using market research, trend analysis, and computer-aided drafting and product lifecycle management technology. Quality and costing analysis will inform design choices as the full product specification package is completed and as collection projects are manufactured in an apparel manufacturing lab facility using appropriate and efficient manufacturing techniques.

Designers with solid patternmaking, grading, textile, illustration and construction skills will advance their knowledge to manage the complexity of writing detailed technical specifications, refining garment fit and sourcing components in pre-production, to achieve production-ready samples and technical packages. Graduates will attain the expertise required to anticipate and solve manufacturing issues, be able to maximize quality and minimize cost, consider sustainable options and be more prepared to launch future collections through experiencing the full cycle of designing and manufacturing a collection.

This program is part of our School of Fashion & Jewellery³.

**EXPERIENTIAL LEARNING**
160 hours of field education in semester 3

**YOUR FIELD STUDY OPTIONS**
Field education is embedded in the program. Students will be required to connect with an industry employer where they can complete 160 hours of field education in semester three.

**THE INDUSTRY**
The Canadian apparel industry is a major economic sector that is largely concentrated in urban centres like Toronto. The industry is comprised of manufacturers, vertically integrated retailers who develop their own product, private label, contractors, design labels, logistics, wholesale distributors and retailers. Canadian brands have found success in many specialty product categories, such as workwear, athletic gear, bridal, outerwear and knitwear.
While women's wear is the largest segment of the industry, men's wear is the fastest growing segment. Current Canadian industry trends are influenced by global shifts such as changes in trade agreements, reshoring manufacturing to North America, adoption of technology, fast fashion versus local and artisanal, concern for environmental and social sustainability, mass customization and development of a skilled workforce to remain competitive.

Whether companies manufacture offshore or locally, they require the services of a Technical Designer to translate designs to products that can be manufactured. The development of clear, accurate and complete technical packages is critical in order to communicate product characteristics to factories that often operate in other languages and to ensure expectations of quality are met. As production shifts back to Canada, the Technical Designer role provides an opportunity to improve lead time to market, reduce errors and therefore cost, evaluate and correct, and maintain greater control over product development.

**PROGRAM STANDARDS AND LEARNING OUTCOMES**

The graduate has reliably demonstrated the ability to:

1. Conceptualize and design apparel collections using target market research to prepare for product development aimed at target consumer.
2. Develop production-ready patterns using computer software and grade, alter and create markers to prepare for manufacture of collection samples.
3. Manage the steps of a product development process using product lifecycle management tools and software.
4. Select source materials and manufacturing techniques to align with collection quality and cost requirements.
5. Develop and communicate product specifications to minimize production time, cost and errors.
6. Estimate manufacturing resources (e.g., labour, time and materials) to inform design decisions and schedule production timelines.
7. Review and correct garment fit and apply adjustments to production patterns to ensure garment appearance and comfort ease allowances are appropriate to target market sizing specifications while maintaining design integrity.

**REQUIRED COURSES**

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAMP1001</td>
<td>Apparel Manufacturing</td>
</tr>
<tr>
<td>FAMP1005</td>
<td>Garment Fit and Pattern Adjustment</td>
</tr>
<tr>
<td>FAMP1010</td>
<td>Pattern Drafting Software</td>
</tr>
<tr>
<td>FAMP1015</td>
<td>Apparel Preproduction Management</td>
</tr>
<tr>
<td>FAMP1020</td>
<td>Collection Technical Development</td>
</tr>
<tr>
<td>FAMP1025</td>
<td>Design and Product Development Technology</td>
</tr>
</tbody>
</table>

**SEMESTER 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>FAMP2001</td>
<td>Pattern Drafting Software 2</td>
</tr>
<tr>
<td>FAMP2005</td>
<td>Product Development Process Lab</td>
</tr>
<tr>
<td>FAMP2010</td>
<td>Production Management Studio</td>
</tr>
<tr>
<td>FAMP2020</td>
<td>Quality and Costing</td>
</tr>
<tr>
<td>FAMP2025</td>
<td>Field Education Preparation</td>
</tr>
</tbody>
</table>

**SEMESTER 3**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>FAMP2015</td>
<td>Apparel Design and Finishing</td>
</tr>
<tr>
<td>FAMP2026</td>
<td>Field Education Experience</td>
</tr>
</tbody>
</table>

**CAREER OPTIONS**

Graduates of this program may choose to pursue job opportunities such as:

- Technical Apparel Designer
- Fit and Specification Technician
- Designer
- Apparel Quality Control Technician
- Garment Technician
- Technical Package Coordinator
- Computerized Pattern Maker/Fit Specialist
- Product Development Manager

**YOUR CAREER**

Technical Designers work with fashion design teams and manufacturing staff to develop and monitor technical standards and specifications for garments. This process includes finalizing production-ready patterns, solving fit issues, size grading, sourcing and building of materials components, construction details and sequence, setting quality standards, and communication of the technical details and changes through the entire production process.

Technical designers in smaller companies may be required to be conversant across all parts of the process, whereas in larger companies they may be specialists in one aspect.

Technical design is required for all categories of apparel production, regardless of where the product is manufactured. As companies strive to compete globally, they require Technical Designers who are able to utilize technology and manufacturing knowledge for precise, accurate, complete and timely communication of product details to ensure speed to market, quality standards and management of cost.
ADMISSION REQUIREMENTS

- Diploma or Bachelor’s Degree in Fashion Design with a minimum program GPA of 2.7

ENGLISH LANGUAGE PROFICIENCY

Applicants with International transcripts where English proficiency results are not supplied must test at the College level in the George Brown College English assessment to be considered.

Please visit georgebrown.ca/englishproficiency for more details.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL (VISA) STUDENTS

Visit the International Admissions page for more information.

CONTACT US

School of Fashion & Jewellery
Phone: 416-415-5000, ext. 4840
Email: fashionandjewellery@georgebrown.ca
For more information about George Brown College, you may also call the Contact Centre at 415-415-2000 (TTY 1-877-515-5559) or long distance 1-800-265-2002.

VISIT OUR CAMPUSS

This program is offered through our School of Fashion & Jewellery and classes take place predominantly at our Casa Loma Campus, located at 160 Kendal Ave., Toronto, ON, Canada and with some classes also taking place at our Fashion Exchange (FX), located at 63 Regent Park Blvd.

On-campus information sessions are held on a regular basis. Come and have your questions answered. Learn about the program content and career options, meet your friendly professors and staff, and experience what it is like to be in a George Brown College classroom. Sign up for an upcoming session.

Campus tours are offered on a regular basis. Sign up today! You can also check out our virtual tour.

LINKS REFERENCE

2. http://www.georgebrown.ca/international/futurestudents/tuitionfees/
8. https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546b30f8m2!3d43.6760363!4d-79.4108537
10. https://www.google.ca/maps/place/Fashion+Exchange+-+George+Brown+College/@43.6596552,-79.3615177,15z/data=!4m2!3m1!1s0x0:0xd308a807110b4138?sa=X&ved=0ahUKEwjHuruF7a3bAhVSxVkhKHSGwCkGQ_BIIoQEBw
11. http://www.georgebrown.ca/infosessions/arts-design-information-technology/

George Brown College is continually striving to improve its programs and their delivery. The information contained in this calendar is subject to change without notice. It should not be viewed as a representation, offer or warranty. Students are responsible for verifying George Brown College admission, graduation, and fee requirements as well as any requirements of outside institutions, industry associations, or other bodies that may award additional designations concurrently with, or after completion of, a George Brown College program.
The **Fashion Business Industry** two-year diploma program at George Brown College's School of Fashion & Jewellery in Toronto gives students an introduction to all aspects of the fashion industry, from product knowledge to marketing and small business management.

The small to medium-sized business enterprise is a flourishing sector of the fashion industry and represents a great opportunity for entry into the fashion world. Smaller companies require employees who possess a variety of management skills to manage a business from the start-up stage to more developed business models. Students will be prepared for the roles and develop skills essential for the operation of a successful small fashion business. The entrepreneurial aspect of this program guides students through the process of developing a comprehensive business plan, which is essential to start a new business or manage an existing business.

Students will gain an understanding of textiles, garment construction, quality criteria and apparel merchandising. They will also learn to apply marketing, accounting, financial and other business concepts necessary for the decision-making they will encounter in their future careers.

### PART TIME STUDY OPTIONS

George Brown College also offers evening courses and part-time certificates in Apparel Construction, Apparel Pattern Drafting and Fashion Design. See the Continuing Education Course Guide at coned.georgebrown.ca.

### EXPERIENTIAL LEARNING

Students with a minimum 2.7 GPA may apply for Field Education elective in second year.

### YOUR FIELD STUDY OPTIONS

Students with a grade point average of 2.7 or higher may apply to take the Field Education elective in second year.

### THE INDUSTRY

The majority of fashion businesses are small to medium-sized enterprises. The apparel industry is a major employment sector in Canada.

### PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Use basic apparel drafting and construction skills and industrial sewing machines to complete apparel products.
2. Use standard fashion industry computer software for business and for design development.
3. Manage daily operations, resources, visual merchandising and customer relationships to ensure profitability in a retail enterprise.
4. Develop a business and finance plan for a small apparel enterprise that reflects awareness of market conditions, resources required and cash flow.
5. Apply appropriate buying, merchandising and accounting practices to support small business operations in the fashion industry.

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**PROGRAM NAME**

Fashion Business Industry

**COURSE CODE**

F112

**SCHOOL**

School of Fashion and Jewellery

**CENTRE**

Arts, Design and Information Technology

**LOCATION**

Casa Loma Campus

**DURATION**

2 years (4 semesters)

**EXPERIENTIAL LEARNING**

Students with a minimum 2.7 GPA may apply for Field Education elective in second year.

**STARTING MONTH**

September

**CREDENTIAL**

Ontario College Diploma

**YEAR OF STUDY**

2019-2020

**METHOD OF STUDY**

FT

**APPLY TO**

Ontario Colleges

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**TUITION**

$4,556.00 * +

**ADDITIONAL COST**

* Amounts listed are the total of tuition, materials, student service and ancillary fees for the first two semesters of programs starting in Fall 2018. Fees are subject to change for programs starting in Fall 2019 and later dates.

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International students: Visit the International Fees and Related Costs page for more information.

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2. Use standard fashion industry computer software for business and for design development.
3. Manage daily operations, resources, visual merchandising and customer relationships to ensure profitability in a retail enterprise.
4. Develop a business and finance plan for a small apparel enterprise that reflects awareness of market conditions, resources required and cash flow.
5. Apply appropriate buying, merchandising and accounting practices to support small business operations in the fashion industry.
6. Apply supply chain management and logistics to operate a successful fashion business.
7. Develop, communicate and implement a marketing plan by combining marketing research, strategies and tactics.
8. Analyze economic, fashion and industry trends to make business decisions in small and medium-sized apparel enterprises.
9. Evaluate products by applying quality control processes to meet appropriate standards.
10. Identify textile materials, assess their suitability and compatibility, and select accordingly for end use.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH1008</td>
<td>Visual Merchandising</td>
</tr>
<tr>
<td>FASH1082</td>
<td>World of Fashion</td>
</tr>
<tr>
<td>FASH1083</td>
<td>Introduction to Sewing and Drafting</td>
</tr>
<tr>
<td>FASH1107</td>
<td>Fabric Science: Textiles</td>
</tr>
<tr>
<td>COMM1007</td>
<td>College English</td>
</tr>
<tr>
<td>GSSC1034</td>
<td>Economics</td>
</tr>
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SEMESTER 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH1031</td>
<td>Fabric Analysis</td>
</tr>
<tr>
<td>FASH1128</td>
<td>Apparel Construction Techniques I</td>
</tr>
<tr>
<td>FASH2003</td>
<td>Fashion Merchandising and Buying</td>
</tr>
<tr>
<td>FASH2004</td>
<td>Apparel Marketing</td>
</tr>
<tr>
<td>FASH1036</td>
<td>Basic Accounting Principles</td>
</tr>
<tr>
<td>GNED</td>
<td>General Education Elective</td>
</tr>
</tbody>
</table>

SEMESTER 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>FASH1143</td>
<td>Apparel Construction Technique</td>
</tr>
<tr>
<td>FASH1142</td>
<td>Apparel Drafting Techniques</td>
</tr>
<tr>
<td>FASH2008</td>
<td>Apparel Marketing – Advanced</td>
</tr>
<tr>
<td>FASH2069</td>
<td>Business Planning for the Entrepreneur</td>
</tr>
<tr>
<td>FASH2070</td>
<td>Logistics and Costing for Fashion Industries</td>
</tr>
<tr>
<td>QC1003</td>
<td>Quality Assurance and Applications</td>
</tr>
<tr>
<td>COMP1174</td>
<td>Adobe Illustrator</td>
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SEMESTER 4

<table>
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<tr>
<th>Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>FASH2080</td>
<td>Retail Operations</td>
</tr>
<tr>
<td>FASH2071</td>
<td>Financial Management for the Entrepreneur</td>
</tr>
<tr>
<td>FASH2072</td>
<td>Business Ethics</td>
</tr>
<tr>
<td>GHUM1021</td>
<td>History of Costume</td>
</tr>
<tr>
<td>GNED</td>
<td>General Education Elective</td>
</tr>
<tr>
<td>FASH</td>
<td>Program Elective (choose one)*</td>
</tr>
</tbody>
</table>

ELECTIVES

*Program elective choices vary from semester to semester. These are examples of some of the program elective courses that may be offered:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH1252</td>
<td>Fashion Business Communication</td>
</tr>
<tr>
<td>FASH2082</td>
<td>Fashion Journalism – An Introduction</td>
</tr>
<tr>
<td>FASH1084</td>
<td>Fashion Advertising and Promotion</td>
</tr>
<tr>
<td>FASH2048</td>
<td>Textile Laboratory</td>
</tr>
<tr>
<td>FASH2050</td>
<td>Draping</td>
</tr>
<tr>
<td>FASH2054</td>
<td>Portfolio Development</td>
</tr>
<tr>
<td>FASH2076</td>
<td>Fashion Project and Event Planning</td>
</tr>
<tr>
<td>FASH2077</td>
<td>Textile Surface Design</td>
</tr>
<tr>
<td>FASH2078</td>
<td>Knitwear Product Development</td>
</tr>
<tr>
<td>FASH1089</td>
<td>Social Media for Fashion Marketing</td>
</tr>
<tr>
<td>GHUM1049</td>
<td>Design and Colour</td>
</tr>
<tr>
<td>FASH1090</td>
<td>Independent Study – Field Education</td>
</tr>
</tbody>
</table>

YOUR CAREER

Graduates of this program will have acquired the necessary skills to be employed in various fashion industry positions in preparation for starting their own small fashion business.

Graduates are employed in positions leading to careers such as:

- Entrepreneur
- Store Manager
- Production Planner
- Operations Manager
- Sales Analyst
- Visual Merchandise Coordinator
- Marketing Assistant
- Pre-production Coordinator
- Transportation Coordinator
- Warehouse Assistant
- Wholesale Sales Agent
- Customer Service Associate

Some of our past graduates have gone on to establish their own successful businesses. Business opportunities include: small manufacturing facility, fashion contracting firm, retail operation, wholesaler, sales agent, specialty boutique and third-party logistics providers.
FUTURE STUDY OPTIONS

Graduates who successfully complete this program with an established minimum grade may be eligible for admission to George Brown College postgraduate programs, including International Fashion Management (F412) and Sustainable Fashion Production (F415).

Students who successfully complete this program with a grade point average of 3.5 or higher may be eligible for admission to fashion programs at other post-secondary institutions.

For further information, see georgebrown.ca/transferguide.

ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)
- Grade 11 Math (M or U) or Grade 12 (C or U)

Basic computer literacy and skill level in Word and Excel are recommended.

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment for English and Math, OR may consider upgrading to achieve the credit(s) needed in English and Math.

Please note that George Brown is committed to ensuring that applicants will succeed in their program of choice. Meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions page for more information.

"As a mature student, I really valued being back in a classroom environment and learning new information every day. I loved the fact that from day one of school there was an underlying theme to each lesson that included real-world applications. Everyone thinks that designing is the most important part, but there is so much more that goes with it. As much as I disliked it at the time, being able to work in groups or as part of a team is a valuable skill that I use often to get projects completed in my current job. Also, giving presentations gave me the confidence to be able to do my own marketing, conduct sales pitches and be a brand ambassador for my business." Read more of Miah Mills' story.

Jeremiah "Miah" Mills (Graduate 2011, Fashion Business Industry)
Owner, Blanc de Noir

"After conducting extensive research, I felt that the program at George Brown offered the most practical knowledge that could be applied to my goals of starting a business. Draping classes taught me more practical ways to design clothing – three dimensions as opposed to concept art. It also taught me how to design clothing for active use. The professors helped me out with many suggestions. They didn't ridicule any ideas, but rather helped me build upon them." Read more of Eileen Zhang's story or watch a video about Eileen and her international success with Titika Active Couture.

Eileen Zhang (Graduate 2008, Fashion Business Industry)
Owner, Titika Active Couture

CONTACT US

School of Fashion & Jewellery
Phone: 416-415-5000, ext. 4840
Email: fashionandjewellery@georgebrown.ca
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**Campus tours** are offered on a regular basis. Sign up today! You can also check out our virtual tour.

**LINKS REFERENCE**

2. [http://www.georgebrown.ca/international/futurestudents/tuitionfees/](http://www.georgebrown.ca/international/futurestudents/)
4. [http://www.georgebrown.ca/postgrad/](http://www.georgebrown.ca/postgrad/)
10. [http://www.georgebrown.ca/international/futurestudents/howtoapply/](http://www.georgebrown.ca/international/futurestudents/howtoapply/)
14. [https://www.youtube.com/watch?v=UqhgaN7KfBQ](https://www.youtube.com/watch?v=UqhgaN7KfBQ)
15. [https://www.tikiaactive.com/](https://www.tikiaactive.com/)
18. [https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546b308f803f43.6760363!4d-79.4108537](https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546b308f803f43.6760363!4d-79.4108537)
20. [https://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190](https://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190)

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The **Fashion Management** program prepares you with essential knowledge and skills required to meet the Canadian fashion industry’s core business needs. You will gain a deep understanding of textiles, manufacturing inputs and processes, and movement in the supply chain, as well as management of the value, costing and quality of apparel. You will also be able to apply the tools of marketing and merchandising to maximize product success in the market. This program is designed to meet the needs of today’s Canadian market, which has shifted to product development, niche markets and omni-channel retail.

Fashion Management is the only academic program curriculum in Canada endorsed by the American Apparel and Footwear Association (AAFA). Benefits to you include an up-to-date curriculum, connection with the industry and access to industry research materials exclusively available to members.

The concepts of developing, sourcing and marketing a product from initial idea to retail sale are introduced. You will test and problem-solve for quality assurance; develop buying, merchandising and marketing plans; examine logistics processes; and work as a team to manage a retail store.

The structure of this program gives you flexibility in the choice of a career path. You will also gain relevant industry knowledge through field education experience after the first year of study. The Field Experience may be in fashion buying, production, distribution, retailing, wholesale, or a related marketing area. Students have the opportunity to network with potential employers at our FashionWorks industry event.

Note: Students starting in January will have an alternate order of courses, and will not graduate until their field education component has been completed. January intake students will complete semester two from May to August, and continue into semester three in September of the same academic year.

The School of Fashion & Jewellery offers a diverse, hands-on learning environment, including many extracurricular activities for students. Check out the video below.

**EXPERIENTIAL LEARNING**

Mandatory field education with in-class component and field experience of 280 hours.

**PROGRAM STANDARDS AND LEARNING OUTCOMES**

The graduate has reliably demonstrated the ability to:

1. Identify textile materials, assess their suitability and compatibility, and select for end use.
2. Use basic accounting concepts and financial analysis in order to interpret reports and make business decisions.
3. Make optimal sourcing decisions based on research and analysis of domestic and global sources.
4. Use merchandising concepts and retail math to develop merchandise, assortment and buying plans.
5. Communicate visually by using appropriate tools and practices to create product development packages, sales materials, and merchandising displays.
6. Apply the principles of logistics and supply chain management to operate a successful fashion business.
7. Use effective interpersonal and team skills to enhance leadership, management and sales expertise in a fashion business environment.
8. Evaluate product by applying the principles of quality control to meet appropriate standards.
9. Explain the organization and operation of the Canadian fashion industry, its role within the global economy, and identify the forces that affect it.
10. Distinguish the processes and systems used in garment manufacturing to make production decisions.
11. Apply the product development process by preparing visual materials, technical specifications, and cost analysis for a product(s) aimed at a specific target market.
12. Develop, communicate, and apply a marketing plan by combining marketing research, strategies and tactics.
13. Analyze ethics, corporate social responsibility and sustainability principles to develop best practices in the fashion industry.
14. Develop professional goals through industry exposure with an emphasis on life-long learning and personal growth.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH1008</td>
<td>Visual Merchandising</td>
</tr>
<tr>
<td>FASH1082</td>
<td>World of Fashion</td>
</tr>
<tr>
<td>FASH1083</td>
<td>Introduction to Sewing and Drafting</td>
</tr>
<tr>
<td>FASH1107</td>
<td>Fabric Science: Textiles</td>
</tr>
<tr>
<td>FASH1036</td>
<td>Basic Accounting Principles</td>
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<td>COMM1007</td>
<td>College English</td>
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SEMESTER 2

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<th>Course Name</th>
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<tbody>
<tr>
<td>FASH1031</td>
<td>Fabric Analysis</td>
</tr>
<tr>
<td>FASH1045</td>
<td>Field Education Experience*</td>
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<td>FASH2003</td>
<td>Fashion Merchandising and Buying</td>
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<td>FASH2004</td>
<td>Apparel Marketing</td>
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<tr>
<td>COMP1174</td>
<td>Adobe Illustrator</td>
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<td>GSSC1034</td>
<td>Economics</td>
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<td>GNED</td>
<td>General Education Elective</td>
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</table>

*For September start, Field Education Experience is May to August. For January start, Field Education Experience is July to December.

SEMESTER 3

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>FASH1052</td>
<td>Apparel Manufacturing</td>
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<td>FASH1068</td>
<td>Apparel Buying Simulation</td>
</tr>
<tr>
<td>FASH2008</td>
<td>Apparel Marketing – Advanced</td>
</tr>
<tr>
<td>FASH2073</td>
<td>Sales Management</td>
</tr>
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<td>FASH</td>
<td>Program Elective (choose one)</td>
</tr>
<tr>
<td>GNED</td>
<td>General Education Elective</td>
</tr>
<tr>
<td>BUS1008</td>
<td>Business Lab – College Creations</td>
</tr>
</tbody>
</table>

or

FASH1139 | Fundamentals of Logistics: Supply Chain Management |

ELECTIVES

†Program elective choices vary from semester to semester. These are examples of some of the program elective courses that may be offered:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH1252</td>
<td>Fashion Business Communication</td>
</tr>
<tr>
<td>FASH2082</td>
<td>Fashion Journalism – An Introduction</td>
</tr>
<tr>
<td>FASH1054</td>
<td>Portfolio Development</td>
</tr>
<tr>
<td>FASH1084</td>
<td>Fashion Promotion and Advertising</td>
</tr>
<tr>
<td>FASH1089</td>
<td>Social Media for Fashion Marketing</td>
</tr>
<tr>
<td>FASH2048</td>
<td>Textile Laboratory</td>
</tr>
<tr>
<td>FASH2076</td>
<td>Fashion Project and Event Planning</td>
</tr>
<tr>
<td>FASH2077</td>
<td>Textile Surface Design</td>
</tr>
<tr>
<td>FASH2078</td>
<td>Knitwear Product Development</td>
</tr>
<tr>
<td>GHUM1049</td>
<td>Design and Colour</td>
</tr>
</tbody>
</table>

YOUR CAREER

For more than 45 years, this program has generated a varied, adaptable workforce for the apparel industry. Graduates have been hired by apparel manufacturers, designers, wholesalers, importers and major and independent retailers.

Graduates are employed in positions leading to careers such as:

- Product Developer/Coordinator
- Assistant Buyer
- Assistant Planner
- Production Manager
- Quality Control Manager
- Costing Analyst
- Purchasing Agent
- Merchandiser
- Store Manager
- Retail Planning and Allocation
- Sourcing Manager
- Logistics/Distribution Manager
FUTURE STUDY OPTIONS

Graduates may be eligible for admission to George Brown postgraduate programs, including International Fashion Management and Sustainable Fashion Production.

Students who successfully complete this program with an established minimum grade may be eligible for articulation to other programs or for course exemptions at other institutions in Canada, internationally and at a number of universities in the United States whose apparel programs are recognized and endorsed by the American Apparel and Footwear Association (AAFA). The Fashion Management program is the only fashion program in Canada reviewed and endorsed by the AAFA. For more information, visit wewear.org.

For further information, see georgebrown.ca/transferguide.

ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)
- Grade 11 Math (M or U) or Grade 12 (C or U)

Basic computer literacy and skill level in Word and Excel are recommended.

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment for English and Math, OR may consider upgrading to achieve the credit(s) needed in English and Math.

Please note: Students who start the program in January (Winter term) will be required to attend classes during the summer months (May to August)

George Brown is committed to ensuring that applicants will succeed in their program of choice. Meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions page for more information.

SPECIAL REQUIREMENTS

Please note: Students who start the program in January (Winter term) will be required to attend classes during the summer months (May to August).
"George Brown College is an exceptional post-secondary institution, not only for its credentials in the Applied Arts and Technology fields, but for its ability to create a flourishing student driven community that evokes true passion and a desire to learn more about each field of study offered. As a recent graduate of the Fashion Management program, I owe my new found success as an industry professional to the interactive hands-on learning techniques, the courses offered that encompass every direction within the fashion industry, and the ability to connect with such a knowledgeable faculty, who provide a sense of professionalism, thorough understanding of course content, and the desire for each and every student who walks through those doors to succeed."

Nicholas Scerba (Graduate 2018, Fashion Management); Visual Merchandiser, RYU Apparel Inc.

"I thank George Brown Fashion Management program for equipping me with the tools and knowledge that propelled me into the professional world of fashion. I see my time at George Brown as invaluable. It's clear that student success is a priority here. The faculty took special care to lay down the foundation and workings of the industry but also thoroughly explained the nuances unique to our ever-changing fashion world."

Brian Nguyen (Graduate 2011, Fashion Management, National Sales Manager, Outland Denim, Caulfield Apparel Group

"The program really helped me learn various aspects of the fashion industry which helped give insight on the types of jobs out there. Going through this program was more than just a foot in the door, since the profs have a ton of industry experience, and all staff are very supportive and will work with you to connect you to your next best opportunity."

Jeena Koo (Graduate 2015, Fashion Management); Buyer, YM Inc.

"The Fashion Management program allowed me to explore opportunities that differed from many of the other fashion programs I looked at prior to choosing George Brown. The internship requirement of the course pushed me to improve my resume, networking ability, and work ethic. Hands-on, practical learning experience through scholarships, internships and student-run stores all helped in sending us graduates off with the confidence, skill and the right attitude to enter the working world. I pursued an internship with a small, independent boutique which is owned by another Fashion Management graduate and have worked my way up within the company since graduating. From..."

CONTACT US

School of Fashion & Jewellery
Phone: 416-415-5000, ext. 4840
Email: fashionandjewellery@georgebrown.ca
For more information about George Brown College, you may also call the Contact Centre at 416-415-2000 (TTY 1-877-515-5559) or long distance 1-800-265-2002.

VISIT OUR CAMPUS

This program is offered out of our School of Fashion & Jewellery and classes take place at our Casa Loma Campus, located at 160 Kendal Ave., Toronto, ON, Canada.

On-campus information sessions are held on a regular basis. Come and have your questions answered. Learn about the program content and career options, meet your friendly professors and staff, and experience what it is like to be in a George Brown College classroom. Sign up for an upcoming session.

Campus tours are offered on a regular basis. Sign up today! You can also check out our virtual tour!

LINKS REFERENCE

1http://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=F102&lang=en
2http://www.georgebrown.ca/international/futurestudents/tuitionfees/
3http://www.georgebrown.ca/fashion-jewellery/
4http://www.georgebrown.ca/fashion-jewellery/learning_environment/
5http://www.georgebrown.ca/programs/international-fashion-management-postgraduate-certificate-program-4412/
6http://www.georgebrown.ca/programs/sustainable-fashion-production-postgraduate-certificate-program-4415/
7http://www.wewear.org/
8http://www.georgebrown.ca/assessment/admi-pre/
9http://www.georgebrown.ca/upgrading-credits/english-diploma/
10http://www.georgebrown.ca/upgrading-credits/math-diploma/
11http://www.georgebrown.ca/international/futurestudents/howtoapply/
12http://ym-inc.com/
13http://www.georgebrown.ca/fashion-jewellery/
14http://www.georgebrown.ca/fashion-jewellery/
15http://www.georgebrown.ca/campuses/casa-loma/
16http://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546b3018m213d43.6760363f4d-79.418537
17http://www.georgebrown.ca.Infosessions/arts-design-information-technology/
18http://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190
19http://vt.georgebrown.ca/

George Brown College is continually striving to improve its programs and their delivery. The information contained in this calendar is subject to change without notice. It should not be viewed as a representation, offer or warranty. Students are responsible for verifying George Brown College admission, graduation, and fee requirements as well as any requirements of outside institutions, industry associations, or other bodies that may award additional designations concurrently with, or after completion of, a George Brown College program.
The Fashion Techniques and Design program prepares graduates for careers in garment manufacturing design rooms. This is a women’s wear program that simulates, as closely as possible, the industry’s standards, practices and facilities. You will use industrial machines and learn the essentials of technical illustration, pattern making, pattern grading and clothing construction. Additional core subjects include textiles, technical specifications and history of costume. Program electives allow you to select specific related subject areas, such as fashion show development, portfolio development, draping, lingerie, men’s pattern drafting, leather apparel, knitwear and bridal and evening wear. Computer skills in Adobe Illustrator, pattern drafting and pattern grading are included as core and elective courses and are continually upgraded to meet industry needs. This program covers introductory methods to more advanced concepts in the second year.

An annual fashion show and portfolio event highlights successful student projects. Students have the opportunity to network with industry, participate in numerous competitions, work on applied research projects, volunteer and attend industry events.

Note: This program requires extensive sewing; manual dexterity and good vision are assets. Both sewing experience and access to a sewing machine outside of the campus facilities are expected.

Tuition

$4,621.00 * +

Additional Cost

* Amounts listed are the total of tuition, materials, student service and ancillary fees for the first two semesters of programs starting in Fall 2018. Fees are subject to change for programs starting in Fall 2019 and at later dates.

+ Books and additional supplies are not included in tuition fees and must be purchased by the student separately.

International students: Visit the International Fees and related Costs page for more information.

PART TIME STUDY OPTIONS

We also offer Continuing Education courses and certificates in Apparel Pattern Drafting and Fashion Design. (Note: These are not equivalent to the full-time program.)

See the Continuing Education Course Guide at coned.georgebrown.ca

EXPERIENTIAL LEARNING

Students with a minimum 2.7 GPA may apply for a Field Education elective in second year.
PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Draft and grade flat patterns for mass garment production.
2. Select and use production methods and techniques that best suit the fabric, pattern and design of the garments.
3. Select garment materials that are compatible with the overall apparel design and meet the user's needs.
4. Operate industrial sewing, pressing, grading and other technical equipment safely to professional standards.
5. Apply technical and computing skills to fashion design and production.
6. Research and analyze factors, trends, stylistic features, and art principles that influence current fashions.
7. Prepare visual and portfolio materials, product specifications, and cost analysis for a product, project and/or market.
8. Design, prototype and produce original patterns and garments using mass production industrial methods and equipment.

REQUIRED COURSES

SEMESTER 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>FASH1033</td>
<td>Technical Illustration</td>
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<tr>
<td>FASH1082</td>
<td>World of Fashion</td>
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<tr>
<td>FASH1107</td>
<td>Fabric Science: Textiles</td>
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<tr>
<td>FASH1115</td>
<td>Fundamental Pattern Drafting</td>
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<td>FASH1117</td>
<td>Construction I – Theory and Practice</td>
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<td>COMM1007</td>
<td>College English</td>
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SEMESTER 2

<table>
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<th>Code</th>
<th>Course Name</th>
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<tr>
<td>FASH1031</td>
<td>Fabric Analysis</td>
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<tr>
<td>FASH1061</td>
<td>Torso Drafting</td>
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<tr>
<td>FASH1122</td>
<td>Construction II – Theory and Practice</td>
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<tr>
<td>FASH1153</td>
<td>Technical Specifications and Development</td>
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<tr>
<td>GHUM1049</td>
<td>Design and Colour</td>
</tr>
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SEMESTER 3

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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>FASH2038</td>
<td>Advanced Torso Drafting</td>
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<tr>
<td>FASH2056</td>
<td>Construction III – Theory and Practice</td>
</tr>
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<td>FASH2064</td>
<td>Pattern Grading and Marker Making</td>
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<td>COMP1174</td>
<td>Adobe Illustrator</td>
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<td>FASH</td>
<td>Program Elective (choose one)*</td>
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SEMESTER 4

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<tr>
<td>FASH2046</td>
<td>Construction IV – Theory and Practice</td>
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<td>FASH2051</td>
<td>Advanced Drafting</td>
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<td>GHUM1021</td>
<td>History of Costume</td>
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<td>FASH</td>
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<td>General Education Elective</td>
</tr>
</tbody>
</table>

ELECTIVES

*Program elective choices vary from semester to semester. These are examples of some of the program elective courses that may be offered:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH2082</td>
<td>Fashion Journalism – An Introduction</td>
</tr>
<tr>
<td>FASH1252</td>
<td>Fashion Business Communication</td>
</tr>
<tr>
<td>FASH1002</td>
<td>P.D.S. (Pattern Drafting System)</td>
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<td>FASH1008</td>
<td>Visual Merchandising</td>
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<td>FASH1084</td>
<td>Fashion Promotion and Advertising</td>
</tr>
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<td>FASH1089</td>
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<td>FASH1125</td>
<td>Lingerie</td>
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<td>Collection Development</td>
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<td>FASH2053</td>
<td>Men's Pattern Drafting</td>
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<td>FASH2054</td>
<td>Portfolio Development</td>
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<td>FASH2065</td>
<td>Bridal and Evening Wear</td>
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<td>FASH2076</td>
<td>Fashion Project and Event Planning</td>
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<td>FASH2078</td>
<td>Knitwear Product Development</td>
</tr>
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<td>FASH2077</td>
<td>Surface Textile Design</td>
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<tr>
<td>FASH2081</td>
<td>Introduction to Apparel Fit</td>
</tr>
<tr>
<td>FASH1090</td>
<td>Independent Study – Field Education</td>
</tr>
</tbody>
</table>

ARTICULATION AGREEMENT

Graduates may also be eligible for further study in other academic institutions.

YOUR CAREER

This program is ideal for individuals with a love of fashion and a desire to be involved in the industry at various stages of creating a fashion line, from initial design concept to final product.

Graduates typically become members of a team in roles that might include:

- Pattern drafting or construction
- Drafting and construction specifications
- Product development

Graduates have had successful careers as:

- Assistant Designers
- Patternmakers
- Samplemakers
- Assistant Apparel Technician
- Graders
- Technical Illustrators

Workplaces range from small design studios to large manufacturing companies. In the last 40 years, graduates have also developed into entrepreneurs in design, sewing and fashion service bureaus.
FUTURE STUDY OPTIONS

Graduates may be eligible for admission to George Brown postgraduate programs, including Apparel Technical Design\(^5\) (F414) and Sustainable Fashion Production\(^6\) (F415).

Students who successfully complete this program with a grade point average of 3.5 or higher may be eligible for admission into fashion programs at other post-secondary institutions.

For further information, see georgebrown.ca/transferguide

EDUCATIONAL/DEGREE PATHWAY

Graduates from this program are eligible for admission to the School of Fashion, F414 Apparel Technical Design\(^7\) or F415 Sustainable Fashion Production\(^8\) post-diploma graduate certificate programs with a minimum program GPA of 2.7.

Graduates may also be eligible for further study in other academic institutions.

ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)
- Grade 11 Math (M or U) or Grade 12 (C or U)

This program requires extensive sewing and drafting. It is strongly recommended that applicants have sewing experience. Students who enter the program with intermediate experience in working with commercial patterns and construction of garments have a better chance to succeed with program demands. Both sewing ability and access to a sewing machine outside of the campus facilities are expected.

Basic computer literacy and skill level in Word and Excel are recommended.

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment\(^9\) for English and Math, OR may consider upgrading to achieve the credit(s) needed in English\(^10\) and Math\(^11\).

Please note: Students who start the program in January (Winter term) will be required to attend classes during the summer months (May to August)

George Brown is committed to ensuring that applicants will succeed in their program of choice. Meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions\(^12\) page for more information.
"I entered George Brown College without any fashion design experience. The technical curriculum left me finishing each day with a new skill at my disposal. Alongside guest lectures, competitions and paid work experiences granted through the school, my George Brown education helped take me all the way to Belgium to continue my studies at the prestigious Antwerp Royal Academy of Fine Arts (although this decision was almost swayed by an amazing job offer in Toronto)! I can't express enough my gratitude for having learned so much in just two years."

Holden Vetro (Graduate 2015, Fashion Techniques and Design)

"The George Brown grad show was pretty much the first time I saw something that had gone from my concept to actually walking down a runway. It was a huge moment for me. Going from not knowing how to use a sewing machine to coming up with a 15-piece collection right out of school that showed in Vancouver Fashion Week is all credit to my alma mater." Read more of Gargi Ghugare's story.

Gargi Ghugare (Graduate 2015, Fashion Techniques and Design)

Founder and Creative director of Gaur M

"My advice to students is to take as many opportunities as you can. Apply for events, awards and shows. I was able to be in the Global Edge program and go to India, but was also shortlisted as one of five new menswear designers to showcase at the first Toronto Men's Fashion Week. I actually won the Emerging Menswear Designer Award that year! That wouldn't have happened if I didn't apply for the opportunity in the first place." Read more of Joao Guedes' story.

Joao Guedes (Graduate 2013, Fashion Techniques and Design)

Creative Director & Designer, Joao Paulo Guedes Label

VISIT OUR CAMPUS

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LINKS REFERENCE

2. http://www.georgebrown.ca/international/futurestudents/tuitionfees/
17. http://www.georgebrown.ca/fashion-jewellery/
19. https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3d43.6760363!4d-79.4108537!

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The Gemmology program teaches you to analyze and classify a wide variety of gem materials, both natural and artificially created. The program focuses on analyzing chemical and physical characteristics of gem and gem-like materials, and identifying different gems. The gem materials are classified into categories according to their desirable characteristics, which eventually determine the value of the gems. To accomplish the identification and classification, you use a number of specially designed instruments, such as microscopes, spectroscopes, refractometers and polariscopes, on real gem materials.

Visual acuity and accurate colour rendition are essential traits for success in Gemmology.

Refractive Index liquid (RI liquid), which contains diiodomethane, is a commonly used chemical in Gemmology practice. If you are pregnant, have certain medical conditions or are sensitive to RI liquid, please consult with your physician for advice before you attend this program, as you will be exposed to RI liquid in Gemmology lab work.

THE INDUSTRY
The Gemmology industry works in partnership in a number of sectors including:

- retail trade
- repair
- wholesale
- jewellery manufacturing
- mining
- appraisal
- auction houses
- scientific

• technical

PROGRAM STANDARDS AND LEARNING OUTCOMES
The graduate has reliably demonstrated the ability to:

1. Identify a large number of gemstones and gem materials and distinguish them from synthetics and imitations.
2. Use, maintain and handle gemmological instruments and testing equipment competently and safely.
3. Grade gemstones for quality based on their cut, colour and other physical characteristics, chemical composition and possible place of origin.
4. Grade diamonds based on their cut, clarity, colour and carat weight.
5. Apply the basic skills of jewellery appraisal to assess market value.
6. Contextualize jewellery according to historical and stylistic qualities to assess provenance, materials and method of production.
7. Conduct ethical and secure business practices consistent with jewellery business standards.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>SEMESTER 1</th>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>JEWL1005</td>
<td>Gemmology I</td>
</tr>
<tr>
<td></td>
<td>JEWL1077</td>
<td>Jewellery as an Industry</td>
</tr>
<tr>
<td></td>
<td>JEWL1072</td>
<td>Science for Gemmology</td>
</tr>
<tr>
<td></td>
<td>GHUM1023</td>
<td>History of Jewellery and Gemstones</td>
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<tr>
<td></td>
<td>COMM1007</td>
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</table>

<table>
<thead>
<tr>
<th>SEMESTER 2</th>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td></td>
<td>JEWL1079</td>
<td>Gemmology II</td>
</tr>
<tr>
<td></td>
<td>JEWL1008</td>
<td>Diamond Grading</td>
</tr>
<tr>
<td></td>
<td>JEWL1006</td>
<td>Jewellery Appraisal</td>
</tr>
</tbody>
</table>
YOUR CAREER

Graduates of this program find employment in jewellery enterprises at manufacturing, wholesale and retail levels. With additional training and experience in the jewellery industry, some become jewellery appraisers. Many graduates, with additional study, write the Canadian Gemmological Association professional exams and the British Gemmological Association exams to obtain internationally recognized professional designations.

FUTURE STUDY OPTIONS

Some credits may be considered for transfer to other Jewellery programs. Graduates with both Jewellery and Gemmology education have a significant advantage in the workplace.

EDUCATIONAL/DEGREE PATHWAY

Opportunities to receive transfer credits toward further study to attain a degree in Jewellery and Gemmology are available.

ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)

Basic computer literacy and skill level in Word and Excel are recommended.

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment for English³, OR may consider upgrading to achieve the credit(s) needed in English⁴.

Please note that George Brown is committed to ensuring that applicants will succeed in their program of choice. Meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions⁵ page for more information.

SPECIAL REQUIREMENTS

Visual acuity and accurate colour rendition are essential traits for success in Gemmology.

CHEMICAL SAFETY DISCLOSURE

The Occupational Safety and Health Administration (OSHA) recommends the use of good laboratory practices while using or being exposed to refractive index (RI) liquid, which contains diiodomethane. You will use RI liquid when using a refractometer, which you will come in contact with directly or indirectly in various courses. You may need to exercise special precautions if you are pregnant, if you have certain medical conditions, and if you have sensitivity to, or are allergic to, this chemical. If you are unsure, contact your physician for advice.

"The George Brown College Gemmology program gave me the skills I needed to succeed in the ever-changing field of jewellery, diamonds, and gemstones. While helping to develop the technical skills required to work and succeed in this field, the faculty also helped me to develop meaningful connections with those already working in the industry. The networking skills learned at George Brown College have proven invaluable to me in my career thus far."

Michael Vander Eyken, FCGmA (Graduate 2016, Gemmology); Diamond & Jewellery Consultant, Kimberfire Inc.
CONTACT US

School of Fashion & Jewellery
Phone: 416-415-5000, ext. 4840
Email: fashionandjewellery@georgebrown.ca
For more information about George Brown College, you may also call the Contact Centre at 416-415-2000 (TTY 1-877-515-5559) or long distance 1-800-265-2002.

VISIT OUR CAMPUS

Our Jewellery programs are part of our School of Fashion & Jewellery and classes take place at our Casa Loma Campus, located at 160 Kendal Ave., Toronto, ON, Canada.

On-campus information sessions are available. Come and have your questions answered. Learn about the program content and career options, meet your friendly professors and staff, and experience what it is like to be in a George Brown College classroom. Sign up for an upcoming session.

Campus tours are offered on a regular basis. Sign up today! You can also check out our virtual tour.

LINKS REFERENCE

2. http://www.georgebrown.ca/international/futurestudents/tuitionfees/
5. http://www.georgebrown.ca/international/futurestudents/howtoapply/
9. https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546b30!8m2!3d43.6760363!4d-79.4108537

George Brown College is continually striving to improve its programs and their delivery. The information contained in this calendar is subject to change without notice. It should not be viewed as a representation, offer or warranty. Students are responsible for verifying George Brown College admission, graduation, and fee requirements as well as any requirements of outside institutions, industry associations, or other bodies that may award additional designations concurrently with, or after completion of, a George Brown College program.
The International Fashion Management program is a one-year graduate certificate program* designed for the student or industry professional with a serious interest in the international apparel business.

The program provides you with the skills essential to succeed in the global apparel market. As new communication technologies make the world a smaller place, more possibilities for the fashion industry emerge on an international scale, along with many related career opportunities.

You are exposed to world trade through the study of economic, legal and cultural factors that affect international trade policies. Specifically, the focus of study is on the understanding of business practices, global marketing, logistics and supply chain management as they relate to the fashion industry worldwide. The program content combines analytical and management skills, along with knowledge of world culture and understanding of the global economy, to enable success in the international apparel industry.

*Courses are taught at the advanced level. This program requires commitment and planning for heavy course workload in addition to class hours.

Note: This program includes an unpaid field education component at the end of the second semester. Students will not graduate until this component has been completed.

This program is part of our School of Fashion & Jewellery.³
2. Identify the knowledge of international trade and licensing agreements required to perform import, export, and sourcing functions in an apparel business operation.

3. Analyze global economics and geopolitics to inform selection of international apparel business partners.

4. Research and create a global marketing plan to support international apparel business strategies.

5. Develop culturally appropriate strategies and techniques to communicate successfully in a global apparel business environment.

6. Select current business practices, research methods, analytic techniques and tools required to conduct apparel business operations in a global context.

7. Practice business ethically by applying principles of environmental, economic and social sustainability to domestic and international apparel operations.

REQUIRED COURSES

SEMMESTER 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH1129</td>
<td>International Trade and Economics</td>
</tr>
<tr>
<td>FASH1130</td>
<td>Global Logistics and Resources I</td>
</tr>
<tr>
<td>FASH1202</td>
<td>Communication Across Cultures</td>
</tr>
<tr>
<td>LAW1152</td>
<td>International Trade Agreements and Business Law</td>
</tr>
<tr>
<td>MATH1101</td>
<td>Business Math and Statistics</td>
</tr>
<tr>
<td>FASH1082</td>
<td>World of Fashion**</td>
</tr>
</tbody>
</table>

SEMMESTER 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FASH1131</td>
<td>Business Research Methods</td>
</tr>
<tr>
<td>FASH1236</td>
<td>Global Marketing</td>
</tr>
<tr>
<td>FASH1141</td>
<td>Apparel Brand Licensing Agreements</td>
</tr>
<tr>
<td>FASH1237</td>
<td>Project Management</td>
</tr>
<tr>
<td>FASH1239</td>
<td>Global Logistics and Resources II</td>
</tr>
<tr>
<td>FASH1253</td>
<td>Field Education Preparation</td>
</tr>
<tr>
<td>FASH1248</td>
<td>Field Education Experience (May to August – 160 hours)</td>
</tr>
</tbody>
</table>

**Students without a fashion background may be required to take this course.

CAREER OPTIONS

Depending on previous education and work experience, combined with completion of the International Fashion Management program, graduates may find careers in the following areas:

- Business analysis
- Logistics
- Planning and allocation
- Import and export
- Product brand management
- Sourcing
- Wholesale distribution and sales

YOUR CAREER

Depending on previous academic and work experience, graduates from F412 will develop skills to work in various areas of the fashion industry, including:

- Apparel suppliers
- Wholesale distribution companies
- Major retailers
- Import and export
- Transportation and customs

ADMISSION REQUIREMENTS

- Diploma or Bachelor's Degree in business or fashion with a minimum program grade point average of 2.7

OR

- Diploma or Bachelor's degree with a minimum program GPA of 2.7 AND three years of directly related career experience (resume required)
- Preference will be given to applicants who have some academic background in economics, marketing and logistics.

Please note:

- Applicants without a background in Fashion or Business may be required to take an introductory course in these subjects as a condition of acceptance.
  - Applicants without a **fashion background** will be required to take FASH1082 World of Fashion in semester 1. If this is a requirement, you will be advised of this in your OFFER letter.
- Applicants without a **business background** will be advised to take a preparatory business course prior to start of class. Applicants who are recommended to take this course will be contacted by the Fashion department.

**ENGLISH LANGUAGE PROFICIENCY**

Applicants with international transcripts where English proficiency results are not supplied must test at the College level in the George Brown College English assessment to be considered.

Please visit georgebrown.ca/englishproficiency for more details.

**COURSE EXEMPTIONS**

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

**INTERNATIONAL (VISA) STUDENTS**

Visit the International Admissions\(^5\) page for more information.

**CONTACT US**

**School of Fashion & Jewellery**\(^6\)

Phone: 416-415-5000, ext. 4840  
Email: fashionandjewellery@georgebrown.ca  
For more information about George Brown College, you may also call the Contact Centre at 416-415-2000 (TTY 1-877-515-2000) or long distance 1-800-265-2002.

**VISIT OUR CAMPUS**

This program is offered out of our School of Fashion & Jewellery\(^7\) and classes take place at our Casa Loma Campus\(^8\), located at 160 Kendal Ave., Toronto, ON, Canada.  

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**Campus tours** are offered on a regular basis. Sign up\(^11\) today! You can also check out our virtual tour\(^12\).

**LINKS REFERENCE**

2. [http://www.georgebrown.ca/international/futurestudents/tuitionfees/](http://www.georgebrown.ca/international/futurestudents/tuitionfees/)  
5. [http://www.georgebrown.ca/international/futurestudents/howtoapply/](http://www.georgebrown.ca/international/futurestudents/howtoapply/)  
9. [https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adde65e46b30f8m2!3d43.6760363!4d-79.4108537](https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adde65e46b30f8m2!3d43.6760363!4d-79.4108537)  
10. [http://www.georgebrown.ca/infosessions/arts-design-information-technology/](http://www.georgebrown.ca/infosessions/arts-design-information-technology/)  
11. [https://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190](https://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190)  

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### JEWELLERY ARTS PROGRAM (F114)

<table>
<thead>
<tr>
<th>PROGRAM NAME</th>
<th>Jewellery Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>COURSE CODE</td>
<td>F114</td>
</tr>
<tr>
<td>SCHOOL</td>
<td>School of Fashion and Jewellery</td>
</tr>
<tr>
<td>CENTRE</td>
<td>Arts, Design and Information Technology</td>
</tr>
<tr>
<td>LOCATION</td>
<td>Casa Loma Campus</td>
</tr>
<tr>
<td>DURATION</td>
<td>3 years (6 semesters)</td>
</tr>
<tr>
<td>EXPERIENTIAL LEARNING</td>
<td>Students with a minimum 2.5 GPA may apply for Field Education elective in final year.</td>
</tr>
<tr>
<td>STARTING MONTH</td>
<td>September</td>
</tr>
<tr>
<td>CREDENTIAL</td>
<td>Ontario College Advanced Diploma</td>
</tr>
<tr>
<td>YEAR OF STUDY</td>
<td>2019-2020</td>
</tr>
<tr>
<td>METHOD OF STUDY</td>
<td>FT</td>
</tr>
<tr>
<td>APPLY TO</td>
<td>Ontario Colleges¹</td>
</tr>
</tbody>
</table>

#### TUITION

$6,117.00 * +

#### ADDITIONAL COST

* Amounts listed are the total of tuition, materials, student service and ancillary fees for the first two semesters of programs starting in Fall 2018. Fees are subject to change for programs starting in Fall 2019 and at later dates.

+ Books and additional supplies are not included in tuition fees and must be purchased by the student separately.

**International students:** Visit the International Fees and Related Costs² page for more information.

---

The **Jewellery Arts** program focuses on goldsmithing techniques and design skills that are necessary to succeed as a jewellery designer and goldsmith. You learn all aspects of jewellery making – sawing, filing, soldering, casting and polishing, and the particulars of working with silver, gold and gemstones. You are required to utilize various design strategies and study the wide variety of jewellery forms open to you as a designer. Skills in the application of the creative process are important. Use of technology and fundamental jewellery business skills are integral to the program.

You are encouraged to work to the highest goldsmithing standards as you create jewellery with precious metals and gemstones. Projects are designed to advance technical and design skills, while at the same time permitting individual expression. An annual jewellery exhibition showcases graduating students’ projects. Students have the opportunity to participate in numerous competitions, and to volunteer for and attend industry events.

---

**PART TIME STUDY OPTIONS**

George Brown College also offers evening and weekend courses and certificate programs in Jewellery Skills (not equivalent to the full-time program). For the Continuing Education Course Guide, visit coned.georgebrown.ca
EXPERIENTIAL LEARNING

Students with a minimum 2.5 GPA may apply for Field Education elective in final year.

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Create jewellery items in copper, brass, silver and gold, using adept goldsmithing skills for employment in the jewellery industry.
2. Apply specialized jewellery skills to industry standards to inform technique and design.
3. Devise jewellery design solutions to meet client needs taking both material and process requirements into consideration.
4. Construct finished jewellery pieces according to given designs.
5. Produce technical drawings and illustrations to communicate jewellery designs as required.
6. Select fabrication processes to optimize jewellery production.
7. Contextualize jewellery according to historical and stylistic qualities to assess provenance, materials and method of production.
8. Produce industry quality jewellery items using the lost wax casting process.
9. Incorporate polishing techniques to produce market ready jewellery items.
10. Differentiate gemstones and their properties as required in the jewellery industry.
11. Follow ethic, security and business practices consistent with jewellery industry standards.
12. Employ jewellery tools, equipment and materials in a confident and safe manner.
13. Use computer software (CAD skills) to produce 2D drawings and 3D models of complex jewellery forms, and digital manufacturing technologies (CAM skills) to produce industry quality jewellery items.
14. Produce a professional portfolio that documents attained skills, including jewellery and jewellery designs, for employment applications and marketing opportunities.

REQUIRED COURSES

**SEMESTER 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEWL1013</td>
<td>Goldsmithing I</td>
</tr>
<tr>
<td>JEWL1017</td>
<td>Metal Finishing I</td>
</tr>
<tr>
<td>JEWL1038</td>
<td>Technical Drawing</td>
</tr>
<tr>
<td>JEWL1077</td>
<td>Jewellery as an Industry</td>
</tr>
<tr>
<td>JEWL1078</td>
<td>Jewellery Casting</td>
</tr>
<tr>
<td>GHUM1023</td>
<td>History of Jewellery and Gemstones</td>
</tr>
<tr>
<td>COMM1007</td>
<td>College English</td>
</tr>
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**SEMESTER 2**

<table>
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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>JEWL1030</td>
<td>Goldsmithing II</td>
</tr>
<tr>
<td>JEWL1019</td>
<td>Metal Finishing II</td>
</tr>
<tr>
<td>JEWL1073</td>
<td>Gemmology for Jewellers</td>
</tr>
<tr>
<td>JEWL1076</td>
<td>Rhino I for Jewellery</td>
</tr>
<tr>
<td>GHUM1049</td>
<td>Design and Colour</td>
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**SEMESTER 3**

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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>JEWL1080</td>
<td>Industry Skills I</td>
</tr>
<tr>
<td>JEWL1051</td>
<td>Jewellery Projects A</td>
</tr>
<tr>
<td>JEWL2006</td>
<td>Gemsetting I</td>
</tr>
<tr>
<td>JEWL1055</td>
<td>Jewellery Design I</td>
</tr>
<tr>
<td>JEWL1054</td>
<td>Jewellery Rendering and Illustration I</td>
</tr>
<tr>
<td>JEWL2076</td>
<td>Rhino 2 for Jewellery</td>
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</tbody>
</table>

**SEMESTER 4**

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<th>Code</th>
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<tbody>
<tr>
<td>JEWL2021</td>
<td>Industry Skills II</td>
</tr>
<tr>
<td>JEWL2024</td>
<td>Jewellery Projects B</td>
</tr>
<tr>
<td>JEWL1056</td>
<td>Production Techniques A</td>
</tr>
<tr>
<td>JEWL2023</td>
<td>Jewellery Design II</td>
</tr>
<tr>
<td>JEWL2011</td>
<td>Gemsetting 2</td>
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**SEMESTER 5**

<table>
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<th>Course Name</th>
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<tbody>
<tr>
<td>JEWL3024</td>
<td>Jewellery Projects C</td>
</tr>
<tr>
<td>JEWL2029</td>
<td>Production Techniques B</td>
</tr>
<tr>
<td>JEWL2037</td>
<td>Jewellery Business and Careers</td>
</tr>
<tr>
<td>JEWL</td>
<td>Program Electives (choose two)*</td>
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**SEMESTER 6**

<table>
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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>JEWL3035</td>
<td>Jewellery Projects D</td>
</tr>
<tr>
<td>GNED</td>
<td>General Education Elective</td>
</tr>
<tr>
<td>JEWL</td>
<td>Program Electives (choose two)*</td>
</tr>
</tbody>
</table>

*Program electives (four program electives required)

For information on future study options, see www.georgebrown.ca/transferguide.
ELECTIVES

*Program Specialization Electives* Four (4) specialization electives required Jewellery electives vary each semester. See courses offered at time of registration.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEWL1059</td>
<td>Model Making I</td>
</tr>
<tr>
<td>JEWL1060</td>
<td>Model Making II</td>
</tr>
<tr>
<td>JEWL2007</td>
<td>Jewellery Repair I</td>
</tr>
<tr>
<td>JEWL2008</td>
<td>Jewellery Repair II</td>
</tr>
<tr>
<td>JEWL1004</td>
<td>Enamelling I</td>
</tr>
<tr>
<td>JEWL2027</td>
<td>Enamelling II</td>
</tr>
<tr>
<td>JEWL2032</td>
<td>Decorative Techniques</td>
</tr>
<tr>
<td>JEWL1074</td>
<td>Field Education in the Jewellery Industry</td>
</tr>
</tbody>
</table>

YOUR CAREER

The jewellery industry offers a large variety of opportunities. Graduates work as bench goldsmiths or designers and many as specialists in repair, gemsetting and custom fine jewellery. Some establish businesses as studio jewellers, designing, making and marketing jewellery to customers. Career opportunities exist in fine jewellery or fashion jewellery within retail, wholesale or manufacturing contexts.

FUTURE STUDY OPTIONS

For information about future study options, see georgebrown.ca/transferguide.

EDUCATIONAL/DEGREE PATHWAY

Opportunities to receive transfer credits toward further study to attain a degree in Jewellery and Gemmology are available.

ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)

Basic computer literacy and skill level in Word and Excel are recommended.

IMPORTANT NOTE: For promotion to the second year of the Jewellery Arts program (F114), students must attain a minimum grade of 70% in Design and Colour (GHUM 1049) and Goldsmithing 2 (JEWL 1030) courses, and maintain a program grade point average of 2.7 by the end of their first year of study in the program. Students who do not meet this requirement will be able to transfer to the Jewellery Methods program (F110) or Jewellery Essentials program (F111).

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment for English³, OR may consider upgrading to achieve the credit(s) needed in English⁴.

Please note that George Brown is committed to ensuring that applicants will succeed in their program of choice. Meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions⁵ page for more information.

SPECIAL REQUIREMENTS

Good eyesight (corrected vision is accepted), a high degree of manual dexterity and fine motor control, mechanical inclination, drawing skills, patience, initiative and artistic sense are the recommended qualities for success in this field.
"I have taken two Jewellery programs at George Brown College. The Jewellery Arts program taught me to work with discipline while expressing myself through precious metals and gemstones. I then furthered my expertise and identification of gemstones by taking the Gemmology program. These two areas of expertise have increased my opportunities for employment in the jewellery industry."

Joanna Mader (Graduate 2015, Jewellery Arts; Graduate 2016, Gemmology)

"My time at George Brown in the Jewellery Arts program has taught me how to channel my creativity into jewellery. I learned much about applying design into functional jewellery through several hands-on techniques. In my final semester, I was granted the opportunity to work as an intern in the industry. This was an amazing experience which showed me how jewellery is made in the real world. The combination of practical work and position as an intern taught me about the reality of the jewellery industry in Canada."

Mana Mazaheri (Graduate 2016, Jewellery Arts)

"From the moment I applied to the program, I had very clearly defined goals. The instructors in the Jewellery Arts program were instrumental in my skills development and played a critical role in preparing me to tackle my ambitions and plans. The foundation built during my time at George Brown is sound and strong, and it enabled me to achieve my goals and set the newer, larger goals that I endeavour to realize today."

Jeffrey Ross (Graduate 2003, Jewellery Arts); Jeffrey Ross Jewellery Ltd.

LINKS REFERENCE

1https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=F114&lang=en
2http://www.georgebrown.ca/international/futurestudents/tuitionfees/
3http://www.georgebrown.ca/assessment/admi-pre/
4http://www.georgebrown.ca/upgrading-credits/english-diploma/
5http://www.georgebrown.ca/international/futurestudents/howtoapply/
6https://www.facebook.com/customjewellery/
7http://www.georgebrown.ca/fashion-jewellery/
8http://www.georgebrown.ca/fashion-jewellery/programs/jewellery/
9http://www.georgebrown.ca/fashion-jewellery/
10http://www.georgebrown.ca/campuses/casa-loma/
11https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adaae546b3018m213d43.6760363!4d-79.4108537
12http://www.georgebrown.ca/infosessions/arts-design-information-technology/
13https://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190
14http://vt.georgebrown.ca/

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VISIT OUR CAMPUS

Our Jewellery Programs are part of our School of Fashion & Jewellery and classes take place at our Casa Loma Campus, located at 160 Kendal Ave., Toronto, ON, Canada.

On-campus information sessions are available. Come and have your questions answered. Learn about the program content and career options, meet your friendly professors and staff, and experience what it is like to be in a George Brown College classroom. Sign up for an upcoming session.

Campus tours are offered on a regular basis. Sign up today! You can also check out our virtual tour.
The Jewellery Essentials program provides you with the skills and techniques necessary to begin a career in the jewellery industry. You will learn to saw, file, solder, polish and finish metals including copper, brass, silver and gold. Fabrication and casting techniques will be used to create jewellery items.

Jewellery history, technical drawing, gemmology and an overview of the industry are included to provide you with a broad knowledge of the jewellery field.

While successful graduates who wish to continue their Jewellery education may apply for advanced standing in one of our other Jewellery diploma programs, it is strongly recommended that you apply for the program that best fits your career goals as space in the diploma programs is limited and may not be available.
PART TIME STUDY OPTIONS

George Brown College also offers evening and weekend courses and certificate programs in Jewellery Skills. (Note: These are not equivalent to the full-time program.)

See the Continuing Education Course Guide at coned.georgebrown.ca

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Create simple jewellery items in copper, brass, silver and gold, using basic goldsmithing skills.
2. Produce multiple reproductions of jewellery using basic lost wax casting process.
3. Apply polishing techniques to produce market ready jewellery items made from various metals including gold and silver.
4. Differentiate gemstones and their properties as required in the jewellery industry.
5. Contextualize jewellery according to historical and stylistic qualities to assess provenance, materials and method of production.
6. Use technical drawing techniques to communicate jewellery designs as required.
7. Conduct ethical and secure business practices consistent with jewellery business standards.
8. Use jewellery tools, equipment and materials in a safe manner.
9. Use computer software (CAD) skills to produce 2D drawings and 3D models of basic jewellery forms.

REQUIRED COURSES

SEMESTER 1

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<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>JEWL1013</td>
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SEMESTER 2

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<tr>
<td>JEWL1073</td>
<td>Gemmology for Jewellers</td>
</tr>
<tr>
<td>GHUM1049</td>
<td>Design and Colour</td>
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</tbody>
</table>

YOUR CAREER

This program will prepare the successful graduate for an entry-level position in the jewellery industry. The jewellery industry offers a large variety of opportunities with careers in retail, wholesale, manufacturing, precious metals, gemstones, fashion jewellery and accessories.

EDUCATIONAL/DEGREE PATHWAY

Successful graduates who wish to continue their Jewellery education may apply for advanced standing in one of our other Jewellery diploma programs. However, the diploma programs have limited space so it is strongly recommended that you apply for the program that best fits your career goals.

ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)

Basic computer literacy and skill level in Word and Excel are recommended.

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment for English, OR may consider upgrading to achieve the credit(s) needed in English.
Please note that George Brown is committed to ensuring that applicants will succeed in their program of choice. Meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

**COURSE EXEMPTIONS**

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

**INTERNATIONAL STUDENTS**

Visit the International Admissions page for more information.

**SPECIAL REQUIREMENTS**

Good eyesight (corrected vision is accepted), patience and initiative are recommended qualities for success in this field.

"George Brown really opened my eyes to the fact that I could have a successful career in a less traditional field." Read about Michael's journey of becoming a consultant at Kimberfire. See Michael Vander Eyken (Graduate 2016, Jewellery Essentials and Gemmology); Diamond and Jewellery Consultant, Kimberfire

"The Jewellery Essentials program at George Brown College not only allowed me to develop transferable skills, but also an attention to detail that can only be found by working in such small scale. I came into the program without any knowledge on making jewellery and after only one year I feel the ways in which I can exercise my creativity are virtually limitless. I am truly thankful to have such a skilful and caring faculty teaching me about my passion."

Olivia Woodhouse (Graduate 2016, Jewellery Essentials)

"I really value the skills and knowledge that I gained from the faculty, and I know that as I face new challenges in the industry, I can always go back to the teachers for advice. It was a great start for me to take a program that will benefit me for the rest of my life."

Michelle Man (Graduate 2008, Jewellery Essentials); Senior Jewellery Designer, IAD Jewellery Limited

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**LINKS REFERENCE**

2. http://www.georgebrown.ca/international/futurestudents/tuitionfees/
14. https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M4,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546830f9m2l3d48.6760363f!4d-79.4108537
17. http://vt.georgebrown.ca/

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JEWELLERY METHODS PROGRAM (F110)

PROGRAM NAME
Jewellery Methods

COURSE CODE
F110

SCHOOL
School of Fashion and Jewellery

CENTRE
Arts, Design and Information Technology

LOCATION
Casa Loma Campus

DURATION
2 years (4 semesters)

EXPERIENTIAL LEARNING
Elective course with in-class component and placement hours.

STARTING MONTH
September

CREDENTIAL
Ontario College Diploma

YEAR OF STUDY
2019-2020

METHOD OF STUDY
FT

APPLY TO
Ontario Colleges

TUITION
$6,117.00 * +

ADDITIONAL COST
* Amounts listed are the total of tuition, materials, student service and ancillary fees for the first two semesters of programs starting in Fall 2018. Fees are subject to change for programs starting in Fall 2019 and at later dates.

+ Books and additional supplies are not included in tuition fees and must be purchased by the student separately.

International students: Visit the International Fees and Related Costs page for more information.

The Jewellery Methods program provides you with the skills and abilities necessary to succeed in this demanding profession as a goldsmith/bench jeweller. The essential skills of measuring, sawing, filing, soldering and finishing are stressed early in the program. These skills are built upon through the introduction and practice of many traditional and contemporary techniques. Once essential skills are achieved, you study more advanced goldsmithing techniques, jewellery repair, gemsetting and model making, as well as jewellery elective subjects.

Jewellery history, technical drawing, gemmology and an overview of the industry are included to provide you with a broad knowledge of the jewellery field.

PART TIME STUDY OPTIONS

George Brown College also offers evening and weekend courses and certificate programs in Jewellery Skills (not equivalent to the full-time program). See the Continuing Education Course Guide at coned.georgebrown.ca

EXPERIENTIAL LEARNING

Elective course with in-class component and placement hours.

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Create jewellery items in copper, brass, silver and gold, using fundamental goldsmithing skills for entry-level employment in the jewellery industry.
2. Create wax models using hand-carving techniques.
3. Set gemstones in simple settings to industry standards.
4. Repair jewellery to industry standards and to meet customer satisfaction.
5. Produce multiple reproductions of jewellery using the lost wax casting process.
6. Incorporate polishing techniques to produce market ready jewellery items.
7. Differentiate gemstones and their properties as required in the jewellery industry.
8. Contextualize jewellery according to historical and stylistic qualities to assess provenance, materials and method of production.
9. Use technical drawing techniques to communicate jewellery designs as required.
10. Follow ethic, security and business practices consistent with jewellery industry standards.
11. Employ jewellery tools, equipment and materials in a confident and safe manner.
12. Use computer software (CAD) skills to produce 2D drawings and 3D models of complex jewellery forms.
13. Produce a professional portfolio that documents attained skills for employment applications.
14. Construct finished jewellery pieces according to given designs.
### REQUIRED COURSES

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<tr>
<td>JEWL1080</td>
<td>Industry Skills I</td>
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<td>JEWL2006</td>
<td>Gemsetting I</td>
</tr>
<tr>
<td>JEWL1059</td>
<td>Model Making I</td>
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<td>JEWL2007</td>
<td>Jewellery Repair I</td>
</tr>
<tr>
<td>JEWL2076</td>
<td>Rhino 2 for Jewellery</td>
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<td>JEWL2037</td>
<td>Jewellery Business and Careers</td>
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#### SEMESTER 4

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<td>JEWL1060</td>
<td>Model Making II</td>
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<tr>
<td>JEWL2011</td>
<td>Gemsetting II</td>
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<td>JEWL2008</td>
<td>Jewellery Repair II</td>
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<td>JEWL</td>
<td>Program Specialization Elective (choose one)*</td>
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<td>GNED</td>
<td>General Education Elective (choose two)</td>
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</table>

### ELECTIVES

*Program Specialization Electives* One (1) specialized elective required. A selection of Jewellery program electives will be offered each semester. See course offerings on web registration.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>JEWL1004</td>
<td>Enamelling I</td>
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<td>JEWL2027</td>
<td>Enamelling II</td>
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<td>JEWL2032</td>
<td>Decorative Techniques</td>
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<td>JEWL1074</td>
<td>Field Education in the Jewellery Industry</td>
</tr>
<tr>
<td>JEWL1060</td>
<td>Model Making 2</td>
</tr>
</tbody>
</table>

### YOUR CAREER

This program will prepare the successful graduate for an entry-level position as a bench jeweller. The jewellery industry offers a large variety of opportunities with careers in manufacturing, repair, gemsetting, retail or wholesale, precious metals or fashion jewellery and accessories. Some of our graduates establish their own jewellery businesses.

### FUTURE STUDY OPTIONS

Successful graduates may continue their studies in the Gemmology certificate program (F105) at George Brown College. Graduates with both Jewellery and Gemmology education have a significant advantage in the workplace.

### EDUCATIONAL/DEGREE PATHWAY

Opportunities to receive transfer credits toward further study to attain a degree in Jewellery and Gemmology are available.

### ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)

Basic computer literacy and skill level in Word and Excel are recommended.

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment for English³. OR may consider upgrading to achieve the credit(s) needed in English⁴.

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COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions page for more information.

SPECIAL REQUIREMENTS

Good eyesight (corrected vision is accepted), a high degree of manual dexterity, mechanical inclination, patience and initiative are the recommended qualities for success in this field.

“George Brown is allowing me to make important connections within the community of jewellery...from stone dealers, tool and equipment shops and jewellery manufacturers.”

Patrick Dacko (Graduate 2018, Jewellery Methods), Owner, Atelier Dacko

“George Brown taught me the skills I need and the language to speak in this industry.”

Brittany Hopkins (Graduate 2010, Jewellery Methods), Owner, Anice Jewellery

“You can’t imagine the impressive reputation the George Brown jewellery program has gained in the jewellery industry. You can easily get an in-person interview simply by saying that you are a graduate from George Brown. The program covers all the knowledge, skills and technology that you need as a bench jeweller.”

Cindy Jiaoyan Chen (Graduate 2007, Jewellery Methods)

“I chose the Jewellery Methods program while in search of technical training to enhance my own practice and to expand my expertise at my job. While studying, I learned important hands-on skills that could be applied to working in the jewellery industry. The program’s focus on precision and accuracy in goldsmithing prepared me to work efficiently in my field. Upon graduation, I left with new opportunities to pursue in the future and the confidence that I was ready to begin my career.”

Samantha McAdam (Graduate 2016, Jewellery Methods)

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2. http://www.georgebrown.ca/international/futurestudents/tuitionfees/
5. http://www.georgebrown.ca/international/futurestudents/howtoapply/
9. https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546b3018m2!1d43.6760363!4d-79.4108537

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This Sustainable Fashion Production graduate certificate program prepares graduates to manage the manufacturing process of small batch apparel products. Pre-production analysis, selection of appropriate techniques and technology, flow and efficiency, human resource ethics, environmental concerns, and quality and costing are assessed and applied for the sustainable production of small batch apparel products.

Students will examine manufacturing methods including lean, machinery, material requirements and production flow, and observe first hand the development and manufacture of apparel products. Management of production will be experienced through the development of costing, capacity, process mapping, work measurement, value stream mapping and other planning tools.

Students will learn to conduct an analysis of environmental impact and ethical treatment of production workers to discern optimum sustainable product development and manufacturing decisions. Students will use industry technology, such as product lifecycle management tools, to track apparel products through product development and manufacturing stages. While the context of this program is apparel, the processes, management tools and knowledge could be applied to product design in other fields.

### EXPERIENTIAL LEARNING

Students complete a Field Education preparation course in semester 2 and will be required to connect with an industry employer where they must complete 160 hours of field education in semester three.
THE INDUSTRY

The apparel industry is experiencing disruption from many directions. Concern over the environmental impact of textile and apparel production, waste, water pollution and the carbon footprint of products contributes to sourcing more eco-friendly fibres, reduction of transportation in the supply chain, reduction of harmful chemicals, and other strategies for improving sustainability measures. Concern over working conditions, living wages and questionable treatment of workers in third world countries has led to greater interest in reshoring production or more carefully selecting international partners. New technologies are also disruptive, and can lead to greater efficiency, less waste and fewer errors, yet are expensive to implement and need to be properly utilized to provide intended return on investment.

Many of these disruptions are contributing to the expansion of apparel production in the Canadian market. Canadian companies have started to resshore production to produce their products locally to retain control over quality and lead time, and to ensure they are meeting consumer sustainability criteria.

Sustainable Production Managers will be trained to work with companies who produce goods in local apparel production plants. They can also work with companies who outsource production overseas, as greater scrutiny of the process is needed to ensure environmental, social and other compliance requirements are met.

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Select appropriate apparel production techniques and technology (e.g. machines, cutting room) to optimize manufacturing results.
2. Manage the manufacture of garments using lean manufacturing and small batch production principles.
3. Implement pre-production processes, including textile sourcing and equipment analysis, to ensure sustainable production.
4. Manage the steps of the manufacturing process using product lifecycle management tools and software.
5. Assess apparel manufacturing processes for evidence of social, environmental and economic sustainability.
6. Perform costing, time, and plant layout to determine production flow and efficient use of resources.
7. Analyze cost and quality of materials to inform product development and manufacturing decisions.
REQUIRED COURSES

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<thead>
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<tbody>
<tr>
<td>FAMP1001</td>
<td>Apparel Manufacturing</td>
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<tr>
<td>FAMP1015</td>
<td>Apparel Preproduction Management</td>
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<tr>
<td>FAMP1004</td>
<td>Issues in Sustainability</td>
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<tr>
<td>FAMP1006</td>
<td>Operations Management in Apparel Production</td>
</tr>
<tr>
<td>FAMP1008</td>
<td>Financial Sustainability for Apparel Production</td>
</tr>
<tr>
<td>FAMP1025</td>
<td>Design and Product Development Technology</td>
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<td>FAMP2014</td>
<td>Environmental Sustainability for Product Development</td>
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<td>FAMP2010</td>
<td>Production Management Studio</td>
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<td>FAMP2034</td>
<td>Lean Apparel Production</td>
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<td>FAMP2044</td>
<td>Apparel Production Floor</td>
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<td>Quality and Costing</td>
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<td>FAMP2025</td>
<td>Field Education Preparation</td>
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<tr>
<td>FAMP2024</td>
<td>Human Resources Management in Apparel Production</td>
</tr>
<tr>
<td>FAMP2026</td>
<td>Field Education Experience</td>
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</table>

Detailed course outlines

CAREER OPTIONS

Depending on previous academic and work experience, graduates may pursue career opportunities in the industry such as:

- Production Manager
- Production Planner
- Pre-Production Coordinator
- Factory Manager
- Sourcing Manager
- Manufacturing Production Manager
- Apparel Production Supervisor
- Quality Control Inspector
- Sustainability Auditor
- Technical Development Director

ADMISSION REQUIREMENTS

- Bachelor’s Degree or Diploma in the fields of Fashion, Business or Engineering with a minimum program GPA of 2.7

OR

- Applicants with degrees or diplomas from other fields, with a minimum program GPA of 2.7, may apply with a resume and will be considered with at least 2 years’ previous work experience in the apparel field (resume required)

Please note: Applicants without a fashion background will be required to FASH 1082 (World of Fashion) in Semester 1. If this is a requirement, you will be advised of this in your offer of admission.

ENGLISH LANGUAGE PROFICIENCY

Applicants with international transcripts where English language proficiency results are not supplied must test at the College level in the George Brown College English assessment to be considered.

Please visit georgebrown.ca/englishproficiency for more details.

COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit georgebrown.ca/transferguide for more information.

INTERNATIONAL (VISA) STUDENTS

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For more information about George Brown College, you may also call the Contact Centre at 416-415-2000 (TTY 1-877-515-5559) or long distance 1-800-265-2002.
VISIT OUR CAMPUS

This program is offered through our School of Fashion & Jewellery and classes take place predominantly at our Casa Loma Campus, located at 160 Kendal Ave., Toronto, ON, Canada, with some classes also taking place at our Fashion Exchange (FX), located at 63 Regent Park Blvd. FX is more than a learning lab; it's also a production facility readily accessible to local designers and fashion producers where you will be immersed in day-to-day apparel manufacturing operations and have the opportunity to network with industry members.

On-campus information sessions are held on a regular basis. Come and have your questions answered. Learn about the program content and career options, meet your friendly professors and staff, and experience what it is like to be in a George Brown College classroom. Sign up for an upcoming session.

Campus tours are offered on a regular basis. Sign up today! You can also check out our virtual tour.

LINKS REFERENCE

2http://www.georgebrown.ca/international/futurestudents/tuitionfees/
3http://www.georgebrown.ca/international/futurestudents/howtoapply/
4http://www.georgebrown.ca/fashion-jewellery/
5http://www.georgebrown.ca/campus/casa-loma/
6https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377daae54630830213d43.6760363!4d-79.4108537
7http://www.georgebrown.ca/cpo/fxgbc/
8https://www.google.ca/maps/place/Fashion+Exchange+-+George+Brown+College/@43.6596552,-79.3615177,15z/data=!4m2!3m1!1s0x0:0xd308a807110b4138
9http://www.georgebrown.ca/infosessions/arts-design-information-technology/
10https://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190
11http://vt.georgebrown.ca/

George Brown College is continually striving to improve its programs and their delivery. The information contained in this calendar is subject to change without notice. It should not be viewed as a representation, offer or warranty. Students are responsible for verifying George Brown College admission, graduation, and fee requirements as well as any requirements of outside institutions, industry associations, or other bodies that may award additional designations concurrently with, or after completion of, a George Brown College program.