
Visual Communication I

Architecture, Civil and Building Science

Course Number: DSN8401	Co-Requisites: N/A	Pre-Requisites: N/A
Applicable Program(s): Multiple Programs	AAL: Multiple Levels	Core/Elective: Multiple Core/Elective
Prepared by:	Marjan Ghannad, Professor	
Approved by:	Eric Marois, Chair, ACEBS	
Approval Date:	Tuesday, July 3, 2018	
Approved for Academic Year:	2018-2019	
Normative Hours:	45.00	

Course Description

Students are introduced to a variety of skills necessary to communicate visually. Emphasis is placed on hand drawing/sketching while developing an understanding of how to analyze and perceive 3-dimensional shapes and forms. Formal presentation techniques and physical model building are also explored.

Relationship to Vocational Learning Outcomes

This course contributes to your program by helping you achieve the following Vocational Learning Outcomes:

0018X01FWO - Architectural Technology

- VLO 1 Communicate with clients, contractors, other building professionals, and approval authorities. (T, A,)
- VLO 2 Prepare, read, interpret, and revise drawings, and other graphical representations used in building projects. (T, A,)
- VLO 7 Contribute to the design of architectural projects. (T, A,)

0018X03FWO - Architectural Technology

- VLO 1 Communicate with clients, contractors, other building professionals, and approval authorities. (T, A,)
- VLO 2 Prepare, read, interpret, and revise drawings, and other graphical representations used in building projects. (T, A,)

VLO 7 Contribute to the design of architectural projects. (T, A,)

0018Y03FWO - Architectural Technology

VLO 1 Communicate with clients, contractors, other building professionals, and approval authorities. (T, A,)

VLO 2 Prepare, read, interpret, and revise drawings, and other graphical representations used in building projects. (T, A,)

VLO 7 Contribute to the design of architectural projects. (T, A,)

0188W01FWO - Architectural Technician

VLO 1 Communicate with clients, contractors, other building professionals, and approval authorities. (T, A,)

VLO 2 Assist in the preparation, reading, and interpretation of drawings, and other graphical representations used in building projects. (T, A,)

VLO 7 Assist in the development of architectural designs. (T, A,)

0188W03FWO - Architectural Technician

0188X03FWO - Architectural Technician

0188Y03FWO - Architectural Technician

VLO 1 Communicate with clients, contractors, other building professionals, and approval authorities. (T, A,)

VLO 2 Assist in the preparation, reading, and interpretation of drawings, and other graphical representations used in building projects. (T, A,)

VLO 7 Assist in the development of architectural designs. (T, A,)

0188X01FWO - Architectural Technician

VLO 1 Communicate with clients, contractors, other building professionals, and approval authorities. (T, A,)

VLO 2 Assist in the preparation, reading, and interpretation of drawings, and other graphical representations used in building projects. (T, A,)

VLO 7 Assist in the development of architectural designs. (T, A,)

Relationship to Essential Employability Skills

This course contributes to your program by helping you achieve the following Essential Employability Skills:

- | | |
|-------|--|
| EES 1 | Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience. (T, A,) |
| EES 2 | Respond to written, spoken or visual messages in a manner that ensures effective communication. (T, A,) |
| EES 5 | Use a variety of thinking skills to anticipate and solve problems. (T, A,) |
| EES 7 | Analyze, evaluate and apply relevant information from a variety of sources. (T, A,) |

EES 8	Show respect for diverse opinions, values, belief systems and contributions of others. (T, A,)
EES 10	Manage the use of time and other resources to complete projects. (T, A,)
EES 11	Take responsibility for one's own actions, decisions and consequences. (T, A,)

Course Learning Requirements/Embedded Knowledge and Skills

When you have earned credit for this course, you will have demonstrated the ability to:

1.) Produce professionally competent free-hand drawings and sketches using a variety of media.

Refine the ability to produce architectural style free-hand sketches.

Draw simple objects with clarity and visual accuracy

2.) Produce and analyze 3-dimensional shapes/forms

Develop an ability to draw 3-dimensional objects from a variety of "points of view"

3.) Establish criteria for effective presentations.

Develop judgement for effective visual communications.

4.) Construct architectural scale models.

Develop skills to construct sketch/study model as well as presentation model, using variety of assembly techniques and materials

5.) Design and develop a portfolio of work

Develop judgment and techniques for effective presentation and visual communication skills

Learning Resources

References:

ARCHITECTURAL GRAPHICS; Francis Ching; ISBN 0-471-20906-6

PERSPECTIVE SKETCHES; Theodore D. Walker

MANUAL OF GRAPHIC TECHNIQUES; Vol. 1, 2, 3, 4; Porter

PENCIL SKETCHING; Thomas C. Wang

DESIGN DRAWING (complete with interactive CD); Francis Ching

COLOR DRAWING; Michael Doyle

ARCHITECTURE IN WATERCOLOR, Thomas W. Schaller

MARKER MAGIC: The Rendering Problem Solver for Designers, Richard M. McGarry and Greg Madsen

Other Resources:

Internet sites on drawing and architectural presentation techniques.

Student and professional examples.

Learning Activities

Freehand sketching using pencil, pen and other drawing medium techniques

Produce a sketch/design book

Preparation of preliminary mock-ups of presentations

Extensive 3D visualization

Establishing criteria for effective architectural presentations

Organizing and designing a multi-board presentation

Pen and pencil drawing/sketching techniques

Colour rendering techniques in selected media

Layout design and assembly of architectural presentation panels

Architectural model building techniques (planning, cutting, gluing and assembly)

Portfolio preparation techniques

Classroom demonstration labs

Evaluation/Earning Credit

The following list provides evidence of this course's learning achievements and the outcomes they validate:

Assignment(s) (35%)

Validates Outcomes: CLR 1, CLR 2, CLR 3, EES 1, EES 2, EES 7, EES 8, EES 10, EES 11

Project(s) (35%)

Validates Outcomes: CLR 1, CLR 3, CLR 4, EES 1, EES 2, EES 5, EES 7, EES 8, EES 10, EES 11

Communication Skills (5%)

Validates Outcomes: CLR 3, EES 1, EES 2, EES 5, EES 8, EES 10, EES 11

Portfolio(s) (10%)

Validates Outcomes: CLR 3, CLR 5, EES 1, EES 2, EES 7, EES 10, EES 11

In-class Work (15%)

Validates Outcomes: CLR 1, CLR 2, EES 1, EES 2, EES 5, EES 7, EES 10, EES 11

Students are expected to meet evaluation and completion deadlines as stated in course outline and course section information documents. In circumstances where evaluation and/or completion deadlines are missed or student performance has been affected by a temporary or permanent disability (including mental health), interim or retroactive accommodations may be considered. In such instances, please consult your course faculty member. For other situations where deferral of evaluations may be warranted, please refer to college policy AA21.

Prior Learning Assessment and Recognition

Students who wish to apply for prior learning assessment and recognition (PLAR) need to demonstrate competency at a post-secondary level in all of the course learning requirements outlined above. Evidence of learning achievement for PLAR candidates includes:

- Portfolio

Grade Scheme

Final Grade	Mark Equivalent	Numeric Value	Final Grade	Mark Equivalent	Numeric Value
A+	90% - 100%	4.0	A	85% - 89%	3.8
A-	80% - 84%	3.6	B+	77% - 79%	3.3
B	73% - 76%	3.0	B-	70% - 72%	2.7
C+	67% - 69%	2.3	C	63% - 66%	2.0
C-	60% - 62%	1.7	D+	57% - 59%	1.4
D	53% - 56%	1.2	D-	50% - 52%	1.0
F	0% - 49%	0	FSP	0	0

Other Information

Students are required to respect the confidentiality of employer, client and/or patient information, interactions, and practices that occur either on Algonquin College premises, or at an affiliated clinical/field/co-op placement site. Concerns regarding clients, patients, and/or employer practices are to be brought to the attention of the program coordinator, or designated field/clinical/co-op placement supervisor so that they may be resolved collaboratively. Such concerns are not to be raised publically either verbally, in writing, or in electronic forums. These matters are to be addressed through established program communication pathways.

Course Related Information

The following information is program-specific:

The following regulations apply to students in the Architectural Technician, Architectural Technology and Green Architecture programs of study.

Any circumstances that fall outside the following parameters have to be discussed with the Chair of the department for special consideration. The professor will apply the rules as described in the following paragraphs.

Laptops, Phones and Other Mobile Devices

During class/lab time these devices may only be used to access course material, take notes and research as required by your professor.

Gaming and Social Media

Computers in dedicated labs are not to be used for recreational purposes. This may result in a loss of lab privileges.

Attendance

To receive a passing grade and validate all course learning requirements, students must attend at least 75% of the scheduled classes/labs. If you are absent for more than 25% of class/lab time or are absent from two consecutive classes/labs, you may be required to meet with the Chair of the department to explain your plans for recouping the information you missed and to justify why you should remain in the course.

Group and Individual Work

Some courses are composed of group, team and/or individual work. Students must successfully pass the individual elements within the course before the group marks are added. Students must be able to demonstrate individual knowledge to successfully pass the course.

Late Policy

All core Architecture courses have a late submission policy. Service courses (English, Math and General Education) may choose to exempt students from this policy. All projects and or assignments that are deemed late according to the date and time in the Course Section Information (CSI) will receive a grade of zero. Under special circumstances the professor can make an exception if the information is communicated before the due date and if the work in progress is submitted electronically by the original due date. Any "after the fact" request will be discussed with the Chair of the department. Valid and proper documentation may be provided to substantiate the situation.

Student Academic Responsibilities

You are responsible for the following:

- attending all classes and on time;
- maintaining a folder for all work you do in the course;
- knowing the due dates for assignments and meeting these dates;
- handing in assignments that are your own work;
- maintaining multiple backups of the work you do in the course (backup daily); and

- keeping a copy of all assignments you submitted for marks in the course.

Code of Conduct

All members of the Algonquin Community will undertake to:

- conduct themselves in a manner which respects and promotes the dignity of others, and interact with others in the community in a spirit of cooperation, goodwill and mutual respect;
- conduct themselves in an honest and ethical manner, refraining from misrepresenting themselves, their work or qualifications in any manner, and refraining from violence, abuse, harassment and discrimination of any kind; and
- assist in the maintenance of good order within their environment and refrain from creating a disturbance or a disruption to activities.

See Algonquin College Policy SA07: Student Conduct

Department Related Information

Plagiarism and Academic Dishonesty

Your teachers are evaluating your work on the basis that it is yours and that it demonstrates your learning of the concepts. Any time a professor suspects plagiarism or academic dishonesty, she/he will discuss the situation with the Chair of the department. If the professor has enough evidence to convince the Chair, all the students involved will be contacted and invited to comment. If you are accused of plagiarism or academic dishonesty, be prepared to defend yourself as if you were a victim in this situation. Your comments to this allege situation are very important since any omission to respond within two school days will be considered as an agreement with the situation reported.

If you are in doubt of what is considered plagiarism or academic dishonesty, you can always validate it in advance with your professors. They will explain what they consider acceptable and not acceptable. Please note that each student is responsible to protect their own work and to make sure it is not used by other students as their own.

Resolution process

Each time there is a situation that requires an action or a clarification, the first step is to communicate with the professor involved or to reach an academic advisor and ask her/him about it. If there is no resolution, you should be discussing this with the coordinator. If the situation persists, you need to bring this up with the Department Chair. The sooner a situation is identified the better the chance to get a resolution. Not reporting an issue during the term is not an acceptable reason for requesting a grade review at the end of the term.

College Related Information

Email

Algonquin College provides all full-time students with an e-mail account. This is the address that will be used when the College, your professors, or your fellow students communicate important information about your program or course events. It is your responsibility to ensure that you know how to send and receive e-mail using your Algonquin

account and to check it regularly.

Students with Disabilities

If you are a student with a disability, you are strongly encouraged to make an appointment at the Centre for Accessible Learning to identify your needs. Ideally, this should be done within the first month of your program, so that a Letter of Accommodation (LOA) can be provided to your professors. If you are a returning student, please ensure that professors are given a copy of your LOA each semester.

Retroactive Accommodations

Students are expected to meet evaluation and completion deadlines as stated in course outline and course section information documents. In circumstances where evaluation and/or completion deadlines are missed or student performance has been affected by a temporary or permanent disability (including mental health), interim or retroactive accommodations may be considered. In such instances, please consult your course faculty member. For other situations where deferral of evaluations may be warranted, please refer to college policy AA21.

Academic Integrity & Plagiarism

Adherence to acceptable standards of academic honesty is an important aspect of the learning process at Algonquin College. Academic work submitted by a student is evaluated on the assumption that the work presented by the student is his or her own, unless designated otherwise. For further details consult Algonquin College Policies AA18: Academic Dishonesty and Discipline and AA20: Plagiarism

Student Course Feedback

It is Algonquin College's policy to give students the opportunity to share their course experience by completing a student course feedback survey for each course they take. For further details consult Algonquin College Policy AA25: Student Course Feedback

Use of Electronic Devices in Class

With the proliferation of small, personal electronic devices used for communications and data storage, Algonquin College believes there is a need to address their use during classes and examinations. During classes, the use of such devices is disruptive and disrespectful to others. During examinations, the use of such devices may facilitate cheating. For further details consult Algonquin College Policy AA32: Use of Electronic Devices in Class

Transfer of Credit

It is the student's responsibility to retain course outlines for possible future use to support applications for transfer of credit to other educational institutions.

Note: *It is the student's responsibility to refer to the Algonquin College Policies website for the most current information at <http://www.algonquincollege.com/policies/>*

Legend

Terms

- ALO: Aboriginal Learning Outcome
- Apprenticeship LO: Apprenticeship Learning Outcome
- CLR: Course Learning Requirement
- DPLO: Degree Program Learning Outcome
- EES: Essential Employability Skill
- EOP: Element of Performance
- GELO: General Education Learning Outcome
- LO: Learning Outcome
- PC: Program Competency
- PLA: Prior Learning Assessment
- PLAR: Prior Learning Assessment and Recognition
- VLO: Vocational Learning Outcome

Assessment Levels

- T: Taught
- A: Assessed
- CP: Culminating Performance