

NAIT Academic Requirements

E	Edmonton Campus
F	Fairview Campus
GP	Grande Prairie Campus
HL	High Level Campus
LC	LaCrete Campus
PR	Peace River Campus
SA	St. Albert Campus

Program Name and Campus Location	Program length – years, months (M), weeks (W)	Grade 11 (including English and Math)					Grade 10 (including English and Math)					Additional requirements and competitive selection information	
		1	2	3	4	5	1	2	3	4	5		
Accounting (E)	2												Successful completion of the first year of Business Administration. See Calendar for more details.
Aircraft Skin and Structure Repair (E)	1												Plus 50% in Grade 11 English, Math 20 (Pure or Applied) and a Grade 11 Science (Physics 20 recommended).
Animal Health Technology (E, F)	2												Plus Chemistry 30 and Biology 30. Last year, successful applicants had a minimum combined average of 72%.
Applied Banking and Business (E)	1												Plus Math 20 (Pure or Applied).
Architectural Technology (E)	2												Plus PMath 30. Last year, successful applicants had a minimum combined average of 70%.
Auto Body Repair (E)	1												Plus 50% in a Grade 10 Science.
Automotive Mechanic (E)	1												Plus 50% in a Grade 10 Science. Last year successful applicants had a minimum mark of 50% in Grade 12 English, Grade 12 Math, plus a Grade 11 Science.
Aviation (Pilot) Training (January Intake) (E)	2												Plus English 30-1, PMath 30. Minimum mark of 60%.
Avionics Engineering Technology (E)	2												Plus PMath 30.
Bachelor of Applied Business Administration - Accounting (E)	2												A two-year Accounting Diploma from an accredited Alberta post secondary institution.
Bachelor of Applied Business - Finance (E)	2												A two-year Business Diploma from an accredited Alberta post secondary institution.
Bachelor of Applied Information Systems Technology (E)	2												Plus a two-year diploma in a computer-related technology and/or computer engineering technology.
Baking (E)	1												
Bilingual Business Administration (Administration des affaires) (E)													50% in Francais 30 or 80% in French 30 or 75% in French 31 or 70% in French Language Arts. Plus Math 20 Pure or Applied.
Biological Sciences Technology (E)	2												Plus Chemistry 30 and Biology 30. Last year, successful applicants had a minimum combined average of 60%.
Biomedical Engineering Technology (E)	2												Plus PMath 30. Last year, successful applicants had a minimum combined average of 65%.
Building Environmental Systems Technology (E)	2												Successful completion of HVAC certificate.
Business Administration (E, F, HL, PR, SA)	2												
Carpenter, Pre-Employment (HL, LC, PR)	16W												
Chemical Engineering Technology (E)	2												Plus PMath 30. Last year, successful applicants had a minimum combined average of 70%.
Chemical Technology (E)	2												Plus Chemistry 30.
Civil Engineering Technology (E)	2												Plus PMath 30.
Combined Laboratory and X-Ray Technology (E)	2												Plus English 30-1, PMath 30, Chemistry 30 and Biology 30. A minimum mark of 60% in each compulsory subject is required.
Computer Engineering Technology (E)	2												Plus PMath 30.
Computer Network Administrator (E)	1												Plus considerable computer experience. See Calendar for further details.
Computer Numeric Controls (CNC) Machinist Technician (January Intake) (E)	1												Last year, successful applicants had a Grade 12 standing in English and Math with a 65% combined average.
Computer Systems Technology (E)	2												Plus PMath 20; or AMath 30 minimum of 65%.
Construction Engineering Technology (E)	2												
Co-operative Trades Orientation (F)	19W												
Culinary Arts (E)	1-2												Last year, successful applicants had a minimum combined average of 65% in Grade 12 level English and Math.
Cytotechnology (E)	2												Plus 60% or better in each of English 30-1, PMath 30, Chemistry 30 and Biology 30 (Physics 20 also recommended). Last year, successful applicants has a minimum combined average of 83%.
Dental Assisting (E)	1												Plus Biology 30 and Chemistry 30. Last year, successful applicants had a minimum combined average of 75%.
Dental Laboratory Technology (E)	2												Plus Math 20 (Pure or Applied) and Biology 30. Last year, successful applicants had a minimum combined average of 75%.
Denturist Technology (E)	2												Plus Math 20 (Pure or Applied) and Biology 30. Last year, successful applicants had a minimum combined average of 73%.
Diagnostic Medical Sonography (E)	28M												Plus 60% in English 30-1; Biology 30; PMath 30; Chemistry 20 and Physics 30. Highly competitive admission. See Calendar for details.
Digital & Interactive Media Design (E)	1												Plus Math 20, (Pure or Applied).

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 Grade 10 (including English and Math) →
 Program length – years, months (M), weeks (W) →
 Program Name and Campus Location →

High School Diploma (including Grade 12 English) →
 AMath30 or PMath 30 (see note 7) →
 Science 30 or Physics 30 or Chemistry 30 →
 Additional requirements and competitive selection information →

Electrical Engineering Technology (E)	2						•		•	Plus PMath 30. Last year, successful applicants had a minimum combined average of 60%.
Electronic Service Technician (E)	1						•	•		
Electronics Engineering Technology (E)	2						•		•	Plus PMath 30.
Emergency Medical Technology - Paramedic (E)	2						•			Plus Chemistry 30, Biology 30 and Math 10 (Pure or Applied.) See Calendar for additional requirements. Last year, successful applicants had a minimum combined average of 60%.
Engineering Design and Drafting Technology (E)	2						•		•	Plus PMath 30.
Equine Studies - Horsemanship (F)	2						•			See Calendar for details.
Equine Studies - Horse Training (F)	2						•			See Calendar for details.
Finance (E)	2									Successful completion of the first year Business Administration. See Calendar for more details.
Food and Nutrition Management (E)	2						•			Plus Math 20 (Pure or Applied), Biology 20 or any Grade 12 Science.
Forest Technology (E)	2						•	•		Plus two of Chemistry 20, Biology 20 or Physics 20. See Calendar for further details.
General Mechanic (F)	1						•			
Geological Technology (E)	2						•		•	Plus PMath 30.
Geomatics Engineering Technology (E)	2						•		•	Plus PMath 30.
Graphic Communications (E)	1						•			Plus 60% in Math 20 (Pure or Applied). See Calendar for more details.
Graphic Sign Arts (E)	1						•			Plus Grade 11 Art or Drafting, or related experience.
Harley-Davidson Technician (F)	15W						•			See Calendar for more details.
Horticulture Technician (F)	1						•			50% or better in Grade 11 Science and Math
Hospitality Management (E)	1-2						•			Plus Math 20 (Pure or Applied).
Hospitality Management Certificate (PR)	1						•			
HVAC Specialist (E)	1						•			Plus Math 20 (Pure or Applied) and one of Physics 20 (preferred), Science 20, Chemistry 20.
Industrial Heavy Equipment Technology (E)	2						•			Plus PMath 20 or AMath 30, and one of Physics 20, Chemistry 30 or Science 30.
Instrumentation Engineering Technology (E)	2						•		•	Plus PMath 30. Last year, successful applicants had a minimum combined average of 70%.
Interior Design Technology (E)	2						•		•	Plus PMath 30. Last year, successful applicants had a minimum combined average of 75%.
Irrigation Technician (F)	1						•			50% or better in Grade 11 English, Science, Math.
Landscape Architectural Technology (E)	2						•	•	•	Biology 30 is also an acceptable science.
Legal and Realtime Reporting (E)	2						•			Plus 60% in Grade 12 English, a Grade 12 Science and Social Studies 30. Typing speed of net 30 w.p.m.
Magnetic Resonance Imaging (E)										See Calendar for details.
Management (E)	2									Successful completion of the first year of Business Administration. See Calendar for more information.
Marine Service Technician (E)	1						•			
Marketing (E)	2									Successful completion of the first year of Business Administration. See Calendar for more information.
Materials Engineering Technology (E)	2						•		•	Plus PMath 30.
Mechanical Engineering Technology (E)	2						•		•	Plus PMath 30.
Medical Laboratory Assisting (E)	1						•	•		Plus 60% or better in each of Grade 12 English, Math, Chemistry 30, Biology 30, plus Grade 10 typewriting or keyboarding. Last year, successful applicants had a minimum combined average of 75%.
Medical Laboratory Technology (E)	2						•			Plus 60% or better in each of English 30-1, PMath 30, Chemistry 30 and Biology 30 (Physics 20 also recommended). Highly competitive admission. See Calendar for details.
Medical Radiologic Technology (E)	2						•	•		Plus 60% or better in each of English 30-1, Grade 12 Math, Physics 30, and one of Biology 30, Chemistry 30 or Science 30. Highly competitive admission. See Calendar for details.
Medical Transcription (E)	1						•			Plus Typing speed of net 30 w.p.m.
Millwork and Carpentry (E)	1						•			Last year, successful applicants had Grade 11 English and Math.
Millwright, Pre-Employment (GP)	16W						•			Plus a Grade 11 Science.
Motorcycle Mechanic, Pre-Employment (F)	28W						•			See Calendar for details.
Network Engineering Technology (E)	2						•		•	Plus PMath 30.
Office Administration Certificate (F, HL, PR, SA)	32W									50% or better in Grade 11 Math, Grade 12 English or equivalents.

LOCATION LEGEND	
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Office and Records Administration (E, PR, SA)	2			•			Plus Math 20 (Pure or Applied).
Outdoor Power Equipment Technician, Pre-Employment (F)	1			•			
Partsman, Pre-Employment (F)	12W			•			
Personal Fitness Trainer (E)	2			•			Plus Math 20 (Pure or Applied), a Grade 12 Science; Biology 30 preferred.
Petroleum Engineering Technology (E)	2			•	•		Plus PMath 30. Last year, successful applicants had a minimum overall average of 78%.
Photographic Technology (E)	2			•	•		Last year, successful applicants had a minimum combined average of 75%.
Power Engineering Certificate - 4th Class (E, F)	1	•					Plus 50% in Physics 10 or Science 10. Last year, successful applicants had Grade 11 English, PMath 30 plus Physics 20 or Science 20.
Power Engineering Certificate - 3rd Class (E)	10M	•					50% in Grade 10 English, PMath 10, and Physics 10 or Science 10. Plus a 4th Class Power Engineering Provincial Certificate.
Power Engineering Technology (E)	2			•	•		Plus PMath 30. Last year, successful applicants had a minimum combined average of 78%.
Precision Applicator Technician (F)	1			•			50% or better in a Grade 11 Science and Math.
Pre-Technology - Accelerated (E)	4M						PMath 20 or Applied Math 30, Grade 11 English plus two of Biology 10, Physics 10, Chemistry 10 or Science 10; or one of Physics 20 or Chemistry 20.
Pre-Technology - Regular (E)	8M						Pure Math 10 or Applied Math 10, English Grade 10 level.
Radio and Television - Radio (E)	2			•			Plus 60% or better in Grade 12 English and Math 20 (Pure or Applied), Gr. 11 Science and Social Studies. Last year, successful applicants had a minimum mark of 70% in English 30-1, with a minimum combined average of 70% for English 30-1 and a Grade 12 level Math, Science and Social Studies.
Radio and Television - Television (E)	2			•			Plus 60% or better in Grade 12 English and Math 20 (Pure or Applied), Gr. 11 Science and Social Studies. Last year, successful applicants had a minimum mark of 80% in English 30-1, with a minimum combined average of 73% for English 30-1 and a Grade 12 level Math, Science and Social Studies.
Respiratory Therapy (E)	3			•	•		Plus 60% in Biology 30, Grade 12 Math, Chemistry 30 and English 30-1; current first aid and CPR Certification. Last year, successful applicants had a minimum combined average of 78%.
Retail Meatcutting (E)	5M	•					
Sportsfield/Parks Technician (F)	1			•			50% or better in a Grade 11 Science and Math.
Telecommunications Engineering Technology (E)	2			•	•	•	
Transitional Vocational (F)	37W						Must be 18. See Calendar for details.
Turfgrass Equipment Technician (F)	32W	•					
Turfgrass Management Technology (F)	2			•			50% or better in a Grade 11 Science and Math. See Calendar for details.
Veterinary Administrative Assistant (SA)	1			•			50% or better in Grade 11 Math.
Water and Wastewater Technician (January intake) (E)	1			•			
Welding, Pre-employment (GP)	16W	•					

PLEASE NOTE:

- 1) All students are required to meet the appropriate grade and/or subject level specified as a minimum for each program. Student selection is competitive and may be based on academic achievement beyond these prerequisites if required. Relevant work experience and/or demonstrated commitment to the career field may also be considered. In programs where competition was particularly strong last year, the academic qualifications of successful applicants is indicated.
- 2) Where specific Grade 12 sciences are not identified as prerequisites for an Engineering Technology program, applicants are advised to obtain a good Physics background.
- 3) Mature Student: high school diploma may be waived, however, specific subject requirements must be met. Please contact the Registrar's Office for details.
- 4) The academic levels listed above are subject to change from year to year. Please note: NAIT reserves the right to suspend or cancel programs, or make other changes deemed necessary.
- 5) Application period: applications are accepted beginning October 1 for the next academic year. Applications should be received by March 31, to ensure consideration.
- 6) Note that for programs with a March 31 deadline, the application plus all supporting documentation must be received in the Registrar's Office by March 31.
- 7) Transitional Math 101 and the discontinued Alberta Math 30 and Algebra 35 (65%.) will be accepted in lieu of Pure Math 30. The discontinued Alberta Math 33 will be accepted for many of NAIT's programs. Please contact the Registrar's Office for information.
- 8) For additional information please see individual program information in the Viewbook, Full-Time Program Calendar or website www.nait.ca