CLOUD ENGINEERING
DIPLOMA PROGRAM

OVERVIEW

The Cloud Engineering 1-year Diploma program is a comprehensive and intensive educational experience designed to cultivate expertise in the field of cloud computing. Through a carefully crafted curriculum, students will explore fundamental cloud concepts, advanced architecture, and practical deployment strategies. Guided by industry professionals and hands-on projects, participants will develop proficiency in leading cloud platforms. Graduates will emerge with the skills and confidence needed to excel in the rapidly evolving world of cloud engineering, making them highly valuable assets in the tech industry.
Join us for a transformative journey into the future of IT infrastructure.

ACADEMIC PARTNERS

Alberta Educational Centre proudly collaborates with globally recognized entities such as CompTIA, EC-Council, Cloud Guru, and more.
Through these partnerships, we provide affordable examination and proctoring services, ensuring accessibility to valuable certifications for all.

PROGRAM LENGTH:

44 WEEKS 880 HOURS

Source:
www.myaec.ca

AVERAGE ANNUAL SALARY:

$65,000 - $103,000

Source:
www.glassdoor.ca/Salaries

PROGRAM HIGHLIGHTS

FLEXIBLE SCHEDULE
Join classes based on your availability.

FINANCIAL AID AVAILABLE
Get student aid for full-time studies.

1 MONTH PRACTICUM
Gain hands-on real-world experience.

GET INDUSTRY CERTIFIED
Industry standard certifications.

SMALL CLASS SIZES
More personalized attention.

CAREER ADVISING
Guidance, clarity, goals, success, informed decisions.

LAPTOP VOUCHER
Enhanced access to technology and education.

STUDENT-CENTERED APPROACH
Student well-being comes first.

COURSE OUTLINE

Our comprehensive curriculum and expert instructors, will equip you with the skills and knowledge needed to excel in this rapidly evolving field.

60 HRS — **IT FUNDAMENTALS PRO**
Essentials of IT with our IT Fundamentals Pro Course. Build a strong foundation in technology, hardware, software, and networking, setting the stage for a successful IT career.

80 HRS — **NETWORK PRO (NETWORK+)**
Become a networking pro with our Network+ course. Gain expertise in network architecture, protocols, security, and troubleshooting.

60 HRS — **COMPTIA CLOUD ESSENTIALS+**
Master cloud fundamentals, gain a deep understanding of cloud computing principles and prepare for a certification that validates your cloud expertise.

80 HRS — **AZURE AZ 900**
Dive into Microsoft Azure fundamentals. Gain a solid understanding of cloud services, solutions, and principles. Your gateway to a career in cloud computing.

160 HRS — **AZURE ARCHITECT TECHNOLOGIES AND DESIGN COMPLETE 303 AND 304**
Learn cutting-edge technologies and design strategies to excel in Azure cloud architecture.

80 HRS — **SECURITY PRO (SECURITY+)**
Gain in-depth knowledge, skills, and certification to protect digital assets and navigate the complex world of information security.

80 HRS — **AWS CERTIFIED CLOUD PRACTITIONER**
Become an AWS Certified Cloud Practitioner with our focused course. Learn key cloud concepts, AWS services, and gain the skills to navigate the AWS cloud platform effectively.

80 HRS — **AWS CERTIFIED SOLUTIONS ARCHITECT**
Become an AWS Certified Solutions Architect, master cloud architecture, design scalable solutions, and excel in the world of Amazon Web Services.

80 HRS — **AWS CERTIFIED SYSOPS ADMINISTRATOR**
Learn cloud operations, system management, and ensure optimal AWS service performance to elevate your career in cloud computing.

20 HRS — **WORKPLACE SKILLS FOR EMPLOYMENT PREPARATION**
Develop crucial professional skills and gain a competitive edge in today's job market.

100 HRS — **PRACTICUM**
Apply classroom knowledge in real-world settings. Gain invaluable hands-on experience, solving industry challenges and honing your skills under professional guidance.

GET IN TOUCH

We'd love to hear from you! Whether you have questions, feedback, or inquiries, reaching out is always the first step.

P : **4034412059**

E : contact@myaec.live

W : www.myaec.ca

ADMISSION

Admission requirements for the Cloud Engineering Diploma program at Alberta Educational Centre may vary, but typically include the following:

- **High school diploma or non-Alberta equivalent or Successful completion of the General Equivalency Diploma (G.E.D).**

- **A minimum grade of 70% on the assessment test.**

- **Transcripts demonstrating 3 years of full-time secondary education or one year of post-secondary education at a school where English was the language of instruction.**

- **Obtain a score of 5 on the Canadian Language Benchmark (CLB) or equivalent on other assessment tests.**

Source: alis.alberta.ca

CAREER OPPORTUNITIES

Graduates with a Cloud Engineering diploma from Alberta Educational Centre can pursue various rewarding career opportunities, including:

CLOUD SOLUTIONS ARCHITECT
Design and implement cloud solutions to meet business needs.

CLOUD ENGINEER
Manage and optimize cloud infrastructure and services.

DEVOPS ENGINEER
Streamline software development and deployment.

CLOUD SECURITY ANALYST
Ensure the security and compliance of cloud environments.

CLOUD CONSULTANT
Advise businesses on cloud adoption and strategy.

CLOUD SUPPORT SPECIALIST
Technical support for cloud users and troubleshoot issues.

CLOUD PROJECT MANAGER
Lead cloud projects, ensuring implementation and delivery.

STUDENT AID

This program is eligible for full-time post-secondary assistance by Alberta Student Aid.

PROGRAM COST

www.alis.alberta.ca

Our full-time program requires a minimum commitment of 20 hours per week. We expect your dedication to achieving your educational goals, and we're here to support your journey.

FEE STRUCTURE

TUITION FEE COVERS ALL EXPENSES; NO HIDDEN COSTS. INCLUSIVE OF MATERIALS, RESOURCES, AND ANY ADDITIONAL FEES.

CLOUD ENGINEERING DIPLOMA

TOTAL PROGRAM COST: $22,390.00

ACCESS TO A TEACHER

GAIN PERSONALIZED GUIDANCE WITH DIRECT ACCESS TO A DEDICATED TEACHER FOR INTERACTIVE, EFFECTIVE LEARNING SUPPORT.

SUPPLIMENTARY CERTIFICATIONS

5 SUPPLEMENTARY CERTIFICATIONS, DIRECTLY ALIGNED WITH YOUR FIELD OF STUDY, BOOSTING SKILLS AND CREDENTIALS.

LAPTOP VOUCHER

RECEIVE AN EXCLUSIVE $800 LAPTOP VOUCHER, **AS SOON AS YOU FINISH ORIENTATION.**

PRACTICUM

GAIN HANDS-ON, REAL-WORLD EXPERIENCE, APPLYING THEORETICAL KNOWLEDGE IN A PROFESSIONAL SETTING TO ENHANCE PRACTICAL SKILLS.

COLLABORATIVE TOOLS

EFFORTLESS SCHOOL TASKS WITH SIMPLIFIED TOOLS, MAKING LEARNING SMOOTHER AND MORE EFFICIENT FOR STUDENTS.

RECORDED LECTURES, MULTIMEDIA CONTENTS

ACCESS RECORDED LECTURES, ENRICHING MULTIMEDIA CONTENT FOR FLEXIBLE LEARNING AND A DYNAMIC EDUCATIONAL EXPERIENCE ANYTIME, ANYWHERE.

E-LEARNING PLATFORMS

ONLINE PLATFORMS FACILITATING REMOTE LEARNING, OFFERING COURSES, RESOURCES, AND INTERACTIVE TOOLS FOR ACCESSIBLE EDUCATION ANYTIME, ANYWHERE.

STUDENT PORTALS

ONLINE PLATFORMS FOR STUDENTS TO ACCESS RESOURCES, GRADES, AND COMMUNICATION, ENHANCING ACADEMIC ENGAGEMENT AND CONVENIENCE.

ONLINE ASSESMENT

REMOTE EVALUATION USING DIGITAL PLATFORMS TO ASSESS KNOWLEDGE, SKILLS, OR PERFORMANCE THROUGH ONLINE TESTS OR EXERCISES.

CAREER SERVICES

GUIDANCE FOR POST-GRADUATES, OFFERING PERSONALIZED SUPPORT AND INSIGHTS FOR CAREER ADVANCEMENT AND ACADEMIC PURSUITS.