



DiverseNote Mobility Catalog 2024-2028



www.diversenote.mobi

DiverseNote Mobility is a Cisco Networking Academy, CompTIA, and SAE International Education Partner.





DiverseNote Mobility is a national accelerated career training academy with program offerings online, in-person and with hybrid options. We are happy that you have taken time to consider attending DiverseNote Mobility. Our mission and work is to increase access to career and economic mobility while providing access to affordable higher education and careers in high-growth industries.

Regardless of what brought you to this point, I believe that you have found a unique academy that will provide you with an accelerated learning and career experience. With our students in mind, the entire staff at DiverseNote Mobility has been working very hard to prepare this academy (its facilities, its curriculum, its housing, technology, and support systems) for you. You see, we believe in you and the great opportunities you have in front of you.

This academic catalog provides an overview of our career training programs and credentials offered. Applications are accepted on a rolling basis. Apply online today. Visit <https://diversenote.mobi/programs> to apply and learn more about DiverseNote Mobility career and higher education paths.

We look forward to providing students of the program with access to great career and economic mobility opportunities.

Sincerely,

Tekisha Lee
Chair and Chief Education Officer

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I. SCHOOL CALENDAR AND HOURS

DiverseNote Mobility offers students a rolling academic calendar. Courses and academic programs are offered according to the following schedule each academic year.

Fall Term – between September and December

Winter Term – between January and March

Spring Term – between April and May

Summer Term – between June and August

II. HOLIDAYS TO BE OBSERVED

New Year's Day Labor Day Memorial Day Thanksgiving Day

Independence Day Christmas Day Veteran's Day Juneteenth

III. OFFICE HOURS: Monday – Friday

Office hours are held 8AM to 5PM Monday through Friday.

IV. ADMISSIONS POLICY

Applications are accepted online at www.diversenote.mobi/apply.

The school requests official transcripts from all high school and post secondary schools attended. If applicable, a copy of the official GED test score documents are required. For students who did not graduate from high school or complete a GED, academic skills exam records are accepted from VRE, MRS, workforce development offices, and other official organizations, as applicable. Exam records are accepted to satisfy the students "ability to benefit" from our course(s) of instruction.

Each transcript must include: A calendar of the institution showing legal holidays, beginning and ending date of each quarter, term, or semester, and other important dates.

In addition, the applicant must:

1. Be interviewed at the school.
2. Submit information which may be required to determine qualifications.

Special Circumstances/Conditions

When a student did not graduate from a high school or receive a GED certificate, s/he is always given an examination to satisfy his/her Ability to Benefit. Since this is a timed examination, a student may fail to complete the test, with a passing score. When this happens and the student expresses a sincere desire to enter our program, s/he may be referred to our Office of Student Support. The Office of Student Support can advise the student of additional resources available to meet academic program entry requirements. Some examples include enrolling in a pre-requisite course or program.

V. CREDIT FOR PREVIOUS EDUCATION AND TRAINING

Any applicant with previous professional experience and/or training will be evaluated for their knowledge, skills, and abilities (KSA's). If it is determined that the applicant does possess adequate and competent KSA's which reflects experience and/or training in their selected academic program, the student will be awarded hours toward their academic program with enrollment in a course of shorter duration.

VI. POLICIES

Catalog

To receive a Diploma, a student must complete the catalog requirements in effect at the time of enrollment. Any student re-admitted after termination from the program must meet catalog requirements in effect at the time of re-admission.

Clothing

Students must wear clothing considered appropriate to the occupation for which s/he is being trained.

Cell Phone Use-No Tolerance

Students may not use cell phones during any portion of their training. Recording of academic sessions is not permitted at any time. Cell phone use is only permitted during breaks given by instructors.

Student Housing

As on campus student family housing options are available, it is required that each housing unit must consist of an enrolled student of a DiverseNote Mobility program or a graduate of a DiverseNote Mobility program.

Student Conduct

The following acts by a student shall be sufficient cause for disciplinary action of probation or for being immediately terminated from the program.

- Insubordination to persons in authority

- Fighting or instigating arguments with fellow students
- Excessive tardiness or absence
- Refusal to follow instructions
- Gambling on school property
- Failure to meet payments on due dates
- Theft or deliberate destruction of supplies and equipment
- Possession of any weapon while on campus
- Possession, use, or being under the influence of drugs, alcohol, or controlled substance while on campus
- Operating equipment in such a manner that life or property is endangered
- Willful abuse of equipment

VII. ATTENDANCE

During the first 75% of a student's program of instruction, if accumulated absences reach a total of 15% of program hours, the student will be terminated for excessive absences. If at any time during the program a student is absent for three consecutive training sessions, the student will be terminated from training. For example, if a student misses 30 hours or more in a 200 hour program, s/he is subject to termination. The re-entry of a student who has been terminated for excessive absences is at our discretion. This will be based on the student resolving the problems that were causing the absences.

Certain requirements must be met to be reinstated:

- A note from the student explaining the problems that they were having and how they have been resolved.
- A meeting to determine that the problem that was causing the absences no longer exists.

Probation:

If at any time during the program a student is absent for more than 15 hours they will be put on probation.

Each student must maintain satisfactory progress to the point of being able to complete all subject matter within the allotted time provided in the course curriculum or be subject to probationary action.

Tardiness:

Tardiness is disruptive to the instructor and the students. Students are expected to be on time for each class scheduled. Instructors will closely monitor each student's punctuality. Tardiness of fifteen minutes, three times, will be grounds for dismissal.

Disciplinary action will be as follows:

First offense	Warning
Second offense	Reprimand

Third offense Termination

Leave of Absence:

Leave of absence (including military leave) shall be reasonable in duration and shall not exceed 30 school days or 60 calendar days in any six-month period, and shall be for a specific purpose. A written request for leave of absence properly dated and signed by both the student and an authorized school representative, must be placed in the individual student file within one week of the beginning of such leave of absence. If the student fails to return from leave they will be automatically terminated with the option to reenroll and assume their program where they left off within 6 months year.

VIII. MAXIMUM TIME FOR COMPLETION

The maximum time allowed to complete a program of study may not exceed 1.5 times the standard program length for normally progressing students. If a Veteran student's attendance is less than full time, or any other changes in the program schedule happen, it will be reported to the Department of Veterans Affairs and could affect the student's benefits.

IX. SATISFACTORY PROGRESS

Standards of Grading

All tests and assigned projects are graded against a (100%) perfect score and (70%) percent is the minimum passing score.

Letter Equivalent	Numerical
A	100-92
B	91-84
C	83-78
D	77-70
F	69 or less

Records of student progress are maintained throughout the course. Each student must maintain Satisfactory Progress of 70% or above for each final exam, to the point of being able to complete all subject matter within the allotted time provided in the course curriculum. Questions regarding individual grades should be discussed with the instructor.

Make up Work

All students' time must be made up before the end of the program unless they are on leave of absence, please refer to Leave of Absence on page 5. Students who miss classes may make up all time through the online student portal as all class session are recorded and available to students through the student portal. Arrangements for lab make-up work must be made through the student's instructor. Changes to a veteran's

program of study and/or schedule, such as attendance that drops below fulltime status, will be reported to the Department of Veterans Affairs.

Probation

If a student falls below attendance or grade requirements as stated in this catalog, consultation with a school official will be scheduled. At this time the student will be placed on one week probation. The instructor's will work with the student on an individual basis to help them bring their performance back up to satisfactory progress. If the student has not satisfied the specified requirements at the end of the probation period, the student would be terminated from the program. If requirements have not been satisfied by the end of the probation period, the Department of Veterans Affairs will be notified.

X. GRADUATION REQUIREMENTS

To graduate, the student must complete the specific course work in the program the student is enrolled and successfully complete each area and maintain an overall satisfactory average in training. Students who complete the allotted period of training but do not meet all requirements for graduation will not be awarded a Certificate of Graduation. The graduate who meets all requirements and is in good financial standing with the school will be awarded a Certificate of Graduation which bears the graduate's name, the course of study, and the official academy seal.

XI. TEXTBOOKS AND SUPPLIES

All instructional materials are included in the tuition charges. If books and equipment are required for an academic program, fees for books and equipment will be charged separately. Students are responsible for food and housing when applicable.

XII. PROGRESS REPORTS

Students receiving an unsatisfactory evaluation during any weekly evaluation period will receive a report at the beginning of the next week and will have no more than (1) one additional week, to improve their performance to a satisfactory level. Student progress can also be viewed on the student online portal.

XIII. TUITION

Tuition charges are listed elsewhere in this catalog, the tuition is due on or before class entry, but delayed payment arrangements can be made on an individual basis with the approval of academy administration.

XIV. CANCELLATION and REFUND POLICY

Cancellation and Refunds

All money paid by the applicant will be refunded if enrollment is cancelled within five (5) days of enrollment and the school receives a written request for cancellation via email to Cancellation@diversenote.mobi within five (5) days (until midnight of the 5th day,

Veteran Cancellation and Refund Policy

All money paid by the applicant will be refunded if enrollment is cancelled within five (5) days of enrollment and the school receives a written request for cancellation via email to Cancellation@diversenote.mobi within five (5) days (until midnight of the 5th day, excluding Saturdays, Sundays and legal holidays) after the Enrollment date; If an applicant accepted by us cancels within five (5) business days following the date of enrollment, we will refund all monies paid.

XV. GREIVANCE PROCEDURES

A student may challenge administrative action or any data in the educational record which they consider to be in violation of the privacy or other rights of the student. For an internal administrative hearing, a student shall file a written challenge to the record. This should be mailed directly to the Corporate Office. Such a challenge shall specify the following:

- The name, address, email, and phone number of the student
- The specified data contended to be inaccurate or in violation of the privacy or the rights of privacy of the student;
- The reasons why the data is contended to be inaccurate, or in violation of the rights of privacy of the student;
- The names and addresses of all persons who have or may have knowledge, information, records, or other data relevant to the contested data;
- A request for a hearing on the challenge.

Within ten (10) business days of receiving a request the school will set up a hearing with the student.

The school does not permit access to, or release of, confidential information without the written consent of the student, to any individual or agency for any reason except:

- When records are required by the staff of the school in the proper performance of its duties;
- Organizations conducting studies for educational and governmental agencies;
- U.S. Government agencies as listed in Public Law 93-380;
- Accrediting agencies;
- Certifying Agencies;
- Parents of dependent children as defined in the Internal Revenue Code;
- Appropriate persons in connection with an emergency;
- Other educational institutions requesting educational records on behalf of the student.

XVI. COURSES and PROGRAMS OFFERED

Prerequisite and Required Learning Courses	# of Hours	# of Weeks
English	30 Hours	5 Weeks

This course is a communicative speaking/listening course that focuses on higher-level usage of speaking skills necessary for success in academic and professional settings. Students will practice more with listening for the main idea, listening for details as well as improving their speaking skills in discussions, debates and critical thinking. Course focus includes reading strategies and vocabulary building. Key reading strategies are emphasized for future success in college-level courses.

English (for non-native speakers)

45 Hours 8 Weeks

This course is designed for non-native speakers of English and emphasizes the development of speaking/listening skills, reading and vocabulary, writing skills, and grammar skills at the intermediate level.

Intro to Statistics

40 Hours 7 Weeks

This course is an introduction to experimental design, data representation, basic statistics, probability theorems, frequency distributions and functions, binomial and normal probability distributions and functions, probability density functions, hypothesis testing, statistical inference, linear regression, correlation, and application of the above in making informed, data-driven decisions in real-world contexts. Both graphing calculators and computer-based statistical software (Microsoft® Excel) will be used.

Labs

Automotive	20 Hours
Intermediate Cybersecurity	20 Hours
Enterprise Cybersecurity	20 Hours
Hospitality Management	30 Hours
Intermediate Programming	30 Hours
Enterprise Programming	20 Hours

Automotive

of Hours # of Weeks

Auto Technician

143 Hours 12 Weeks

Prerequisites - None

Operators in the Auto Mechanics industry provide mechanical and electrical repair and maintenance for a variety of vehicles, including cars, trucks, vans, and trailers. There is an increased need for licensed mechanics that specialize in electric and autonomous vehicles. Operators include self-employed mechanics, with employers making up 64.3% of total operators, auto repair shops, garages, and car care centers. Over the past five years, the industry experienced healthy growth, as consumers and businesses increased their demand for industry services. Per capita disposable income levels and corporate profit grew during the period, enabling more consumers to forego do it yourself repairs and enlist industry operators to complete the necessary repairs and maintenance needed for their vehicles.

Upon program completion, students are prepared for and take the ASE certification exam.

Units	Hours Per Unit
Vehicle Inspection	30
Brake Systems	24
Electronic Components	30
Automotive Troubleshooting	15
Intro to Database Interfaces	24
Lab	20

Learning Outcomes:

- Demonstrate proficiency in vehicle inspection
- Demonstrate proficiency in repairing brake systems
- Demonstrate proficiency in testing electronic components
- Demonstrate proficiency in automotive troubleshooting
- Demonstrate proficiency in the database interface
- Demonstrate proficiency in electric vehicle systems

Electric Vehicle Systems

180 Hours 15 Weeks

Prerequisites - None

Be an electric vehicles practitioner. This program focuses on electric vehicles in the automotive industry. Learn the functions of electric vehicles and systems.

Learn from industry experts, work on industry challenges, and be ready for this growing industry.

Upon program completion, students are prepared for and take the SAE certification exam.

Units	Hours Per Unit
Automotive Systems 102 and 201	32
Intro to Programming in C	32
Cybersecurity for Vehicles	32
Electric Motors and Controls	32
Electrical Troubleshooting	32
Lab	20

Learning Outcomes:

- Ability to demonstrate an understanding of road vehicle functional safety
- Demonstrate an understanding of robotics and AI concepts
- Demonstrate proficiency in electric vehicle systems
- Demonstrate an understanding of the integration of systems

Business

Entrepreneurship

145 Hours 12 Weeks

Prerequisites - None

Starting your venture can be exciting. It is even more impressive when you have the skills you need to increase the success of that venture.

The DiverseNote Mobility Entrepreneurship Program provides guidelines, insights, and advice needed to launch successful technical ventures. teaching business and financial skills, behaviors, and attitudes, to help students develop an entrepreneurial mindset.

Students learn by completing a series of interactive case studies and graduates receive an industry recognized credential from Cisco Networking Academy.

Units	Hours Per Unit
Developing SMART Goals	20
Business Finance	21
Understanding Your Market	21
Marketing Your Business	21
Business Plan Development	20
Developing Your Network	20
Business Model Development	22

Learning Outcomes:

- Demonstrate understanding of SMART goals
- Demonstrate the ability to create a business plan with SMART goals
- Demonstrate the ability to write and present a 30-second elevator pitch
- Demonstrate the ability to write and give a 5-minute business pitch
- Demonstrate ability to create and explain business financials (pro forma, balance sheet, and quarterly and year to date)
- Demonstrate understanding of the market size, competitors and your competitive advantage

Cybersecurity

Introduction to Cybersecurity

180 Hours 12 Weeks

Prerequisites - None

Learn the essentials of cybersecurity, including core technologies used in industry, understanding of cybersecurity practices, and more. This program is for learners new to the industry that want a broad understanding of what is needed to have a successful career in cybersecurity. Learn from industry experts, work on industry challenges, and be ready for the next step. Upon completion, be prepared for a career as an IT Specialist and to test for the Cybersecurity certification offered through Certiport.

Units	Hours Per Unit
Cybersecurity 101	45
Cybersecurity 201	45
Cybersecurity Protections	45
Preparing for a Career in Cybersecurity	45

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Learning Outcomes:

- Explain the need and importance of cybersecurity.
- Explain the characteristics and value of personal data, and data within an organization
- Recognize the characteristics and operation of a cyber attack.
- Interpret the trends in the cyber threat landscape
- Learn techniques to protect organizations from cyber attacks.
- Recognize the behavior-based approach to cybersecurity.
- Explain Cisco's approach to cybersecurity
- Understand legal and ethical issues in cybersecurity.
- Explain the opportunities for pursuing an education and a career in cybersecurity
- Introduction to different types of malware and attacks, and how organizations are protecting themselves against these attacks.
- Demonstrate understanding of languages used to describe cybersecurity concepts is designed to be easily understood by learners at all levels and embedded interactive activities help reinforce comprehension.

Intermediate Cybersecurity

224 Hours 16 Weeks

Prerequisites -

- Intro to Cybersecurity or equivalent
- Introduction to Python

The DiverseNote Mobility Intermediate Cybersecurity Program is designed for students who are seeking career-oriented, entry-level security analyst skills. Target students include individuals enrolled in technology degree programs at institutions of higher education and IT professionals who want to pursue a career in the Security Operation Center (SOC). Learners in this program are exposed to all of the foundational knowledge required to detect, analyze, and escalate basic cybersecurity threats using common open-source tools.

This program aligns with the Cisco Certified CyberOps Associate (CBROPS) certification.

Units	Hours Per Unit
Networks and Data	17
Preparing for a Career in Cybersecurity	17
Windows Operating System	17
Linux Overview	17
Network Protocols	17
Ethernet and Internet Protocols	17
Common Threats and Attacks	17
Understanding Defense	20
Access Control	17
Cryptography	17

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Technologies and Protocol	17
Data	14
Lab	20

Learning Outcomes:

- Install virtual machines to create a safe environment for implementing and analyzing cybersecurity threat events.
- Explain the role of the Cybersecurity Operations Analyst in the enterprise.
- Explain the Windows Operating System features and characteristics needed to support cybersecurity analyses.
- Explain the features and characteristics of the Linux Operating System.
- Analyze the operation of network protocols and services.
- Explain the operation of the network infrastructure.
- Classify the various types of network attacks.
- Use network monitoring tools to identify attacks against network protocols and services.
- Explain how to prevent malicious access to computer networks, hosts, and data.
- Explain the impacts of cryptography on network security monitoring.
- Explain how to investigate endpoint vulnerabilities and attacks.
- Evaluate network security alerts.
- Analyze network intrusion data to identify compromised hosts

Enterprise Cybersecurity

Prerequisites –

182 Hours 16 Weeks

- Intermediate Cybersecurity or equivalent

You understand the basics of the cybersecurity industry and now want to go into what is required to be a successful professional within the industry. Through the cybersecurity program, you will learn a range of core technologies that constitute several fundamental fields that make up today's cybersecurity industry. You will also explore related technical careers and for early to mid-career cybersecurity professionals. Uncover cybercrime, cyber espionage and other threats to the integrity of networks is an exciting new area that spans all industries. Learn the skills to qualify for exciting and growing opportunities in security operation centers as an analyst or incident responder.

Graduates receive Cisco Networking Academy and DiverseNote Mobility credentials. Also, test for Cisco CCNA or Certified CyberOps Associate industry-led credential.

Units	Hours Per Unit
Single-Area OSPFv2 Concepts	15
Single-Area OSPFv2 Configuration	15
Network Security Concepts	12
ACL Concepts	12
ACLs for IPv4 Configuration	12
NAT for IPv4	12
WAN	15
VPN and IPsec	15
QoS Concepts	12
Network Design and Management	15
Network Troubleshooting	15
Network Virtualization	12
Lab	20

Learning Outcomes:

- Explain network threats, mitigation techniques, and the basics of securing a network
- Secure administrative access on Cisco routers
- Secure administrative access with AAA
- Implement firewall technologies to secure the network perimeter
- Configure IPS to mitigate attacks on the network
- Describe LAN security considerations and implement endpoint and Layer 2 security features
- Describe methods for implementing data confidentiality and integrity
- Implement secure virtual private networks
- Implement an ASA firewall configuration using the CLI
- Implement an ASA firewall configuration and VPNs using ASDM
- Test network security and create a technical security policy

Data Analytics

Intro to Data Analytics

174 Hours 12 Weeks

Prerequisites - None

As the importance of data analytics grows, more job roles are required to set the context and better communicate vital business intelligence. Collecting, analyzing, and reporting on data can drive priorities and lead business decision-making. This DiverseNote Mobility program helps you, as a learner, build the skills needed to facilitate analyzed data and grow your career.

Upon completion, be prepared to test for the CompTIA Data+ certification.

Units	Hours Per Unit
Data Analytics 101	40
Data Mining	30
Data Controls + Governance	50

Data Reporting	30
Data and AI	24
Total	174

Learning Outcomes

Demonstrate understanding of:

- Mining data
- Manipulating data
- Visualizing and reporting data
- Applying basic statistical methods
- Analyzing complex datasets while adhering to governance and quality standards throughout the entire data life cycle

Essential Skills

Digital Literacy

35 Hours 4 Weeks

Prerequisites - None

The digital world is upon us both personally and professionally. Having a better understanding of the internet, computers, and social media can be a big help in acquiring digital skills. And, once you have these skills, there are many more possibilities opened to you as far as career advancement. Learn how to use a computer, connect devices, and access search, email, and social media. Enjoy course content that is very user-friendly and interactive with lots of illustrations! No previous knowledge is needed for this introductory course.

All programs within Essential Skills include resume development, interview skills, and financial management.

Learning Outcomes:

- Demonstrate the ability to create a resume
- Demonstrate the ability to create and manage social media account for professional networking
- Demonstrate the ability to apply for jobs online
- Demonstrate ability to operate Microsoft Office applications
- Demonstrate ability to operate video conference applications

Programming

Introduction to Programming

255 Hours 16 Weeks

Prerequisites - None

Through Introduction to Programming, you will learn the essentials of what it means to be a front-end website developer or programmer. Ranging from elements and tools of the industry, core technologies used in industry, understanding of cybersecurity practices, and more. This program is for learners new to the industry that want a broad understanding of what is needed to have a successful career in programming. Take this program to learn the basics of

programming in Python, Linux. Also, generative AI. This knowledge lends itself well for landing jobs in Security, Networking, and IoT fields.

Be prepared to test for and earn PCEP – Certified Entry-Level Python Programmer Certification. Learn from industry experts, work on industry challenges, and be ready for the next steps.

Units	Hours Per Unit
Installing and Using Your Programming Environment	20
Introduction to Computer Programming	20
Advanced Flow Control and Data Aggregates	20
Pointers, Functions, and memory	20
Accessing data	20
Essentials of Object-Oriented Programming	20
Inheritance	20
Exceptions	20
Operators and Enumerated Types	20
Intro to Python	75

Learning Outcomes:

- Understand vocabulary and concepts of programming
- Explain concepts of front and back-end website development
- Identify tools and concepts used in industry
- Demonstrate understanding of programming essentials in Python

Intermediate Programming

170 Hours 15 Weeks

Prerequisites –

- Intro Programming or equivalent

As one of the most popular programming languages, C++ is hailed for its efficiency and its ease for developing games, real-time systems, and applications with graphical libraries. Take this program to learn the basics of programming in the C++ language, and the fundamental notions and techniques it uses. C++ knowledge lends itself well for landing jobs in Security, Networking, and IoT fields.

Be prepared to test for the CPP – C++ Certified Professional Programmer certification.

Units	Hours Per unit
STL Sequential Containers	15

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STL Associative Containers	15
Non-modifying STL Algorithms	17
Modeling STL Algorithms	18
Sorting STL Operations	15
Merge Operations	15
STL Utilities and Functional Library	15
Advanced I/O	15
Templates	15
Lab	30

Learning Outcomes:

- Understand the C++ template mechanism.
- Read and understand definitions of template functions and classes.
- Use property template classes and methods, including third-party templates.
- Create template functions and classes.
- Understand and use the elements of the C++ STL library, including the IO part.
- Solve common programming problems with STL-predefined classes and methods.
- Apply your programming skills using hands-on lab activities and by writing your own C++ programs.

Enterprise Programming

200 Hours 16 Weeks

Prerequisites –

- Intermediate Programming or equivalent
- Introduction to Python
- Introduction to Statistics

In Enterprise Programming, learn a range of core technologies of website development, product management, and advanced C++ programming language.

After completing the program, you are ready to test for your credential from Cisco. DevNet DEVASC certification.

Units	Hours Per Unit
The DevNet Developer Environment	20
Software Development and Design	30
Understanding and Using API's	30
Network Fundamental	22
Application Deployment and Security	25
Infrastructure and Automation	28
Cisco Platforms and Development	25
Enterprise Programming Lab	20

Learning Outcomes:

- Demonstrate expertise in C++ advanced programming

- Describe the process and demonstrate an understanding of agile product management in website development
- Demonstrate understanding of team and enterprise protocols for programming
- Exhibit expertise in working with templates and the Standard Template Library, read and understand template functions and classes, and properly use template classes and methods including third-party templates.
- Create a vector, deque and list
- Fill a vector, deque, and list with values
- Remove values from collections (vector, deque and list)
- Use collections (vector, deque and list) in standard ways (e.g., iterate them)
- Create a map, set, multimap and multiset
- Fill a map, set, multimap, and multiset with values
- Remove some values from collections (map, set, multimap and multiset)
- Use collections (map, set, multimap and multiset) in standard ways (e.g., find an element)
- Prepare data collections for data processing
- Use search_n, mismatch, count_if, and find operations for data processing
- Use for_each to iterate over data collections
- Use copy, unique_copy and reverse_copy operations for data copying
- Use generate and generate_n operations for data creation
- Use iter_swap, swap_ranges, rotate, random_shuffle, and transform operations for data processing
- Use replace and replace_if operations for data replacement
- Use binary_search operations for quick searches for data
- Use sort and stable_sort operations for data sorting
- Use lower_bound and upper_bound for finding boundaries
- Use equal_range for finding equal ranges
- Use set-related operations for finding the maximum and minimum of sets
- Use include operations to compare two collections (e.g., vector)

Construction Industry Electrical Technician

190 Hours 12 Weeks

Prerequisites - Seventh-grade math and reading level (assessments can be scheduled at the academy)

Electrical Technicians (also known as Electricians) install and maintain electrical systems in residential and commercial construction. They also work in manufacturing settings often servicing automated industrial processes. Electrical Technicians can be required to wire computer networks and telecommunication systems. This program will prepare learners to work in each of these applications of electricity and to test for the Electrical Contractor License.

Units	Hours
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Electronics 101	15
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PLC Programming	15
Digital Electronics	15
Circuit Analysis	15
Electronics	15
Residential Wiring	20
Commercial Wiring	20
Electrician Local & National Code	10
Electric Motors and Controls	10
Electrical Troubleshooting	15

Learning Outcomes:

- Ability to demonstrate an understanding of electrical code
- Demonstrate an understanding of electrical wiring volt services, panel boards, circuits, etc. (residential, commercial, and industrial wiring)
- Demonstrate understanding of electrical troubleshooting

Welding

170 Hours 12 Weeks

Prerequisites - Seventh-grade math and reading level (assessments can be scheduled at the academy)

Our welding program prepares learners for careers as welders, cutters, machine setters, operators, etc.

Units	Hours
Welding Essentials	32
Production Process and Fabrication	33
Blueprints and Measurements	33
Welding Techniques	32
Lab	40

Learning Outcomes:

- Ability to demonstrate an understanding of equipment and safety procedures
- Demonstrate an understanding of blueprints, technical drawing, and ability to make precise measurements commercial, and industrial wiring)
- Demonstrate understanding of oxyacetylene and electric arc processes
- Demonstrate understanding of machining, tooling, and materials

XVII. COURSES, PROGRAMS, and FEES SCHEDULE

Program and Course Tuition – Fall 2021-22	Tuition
Introduction to Cybersecurity	\$6,995.00
Intermediate Cybersecurity	\$7,995.00
Enterprise Cybersecurity	\$8,995.00
Introduction to Programming	\$6,995.00
Intermediate Programming	\$7,750.00
Intro to Data Analytics	\$7,995.00
Enterprise Programming	\$8,995.00
Electrical Technician	\$10,995.00
Electric Vehicle Systems	\$9,995.00
Auto Technician	\$6,995.00
Entrepreneurship	\$4,750.00
Intro to Networking	\$6,995.00
Digital Literacy	\$695.00
Early Career Pre-apprenticeship Program	\$1,575.00
Courses	
Freshman English	\$300.00
Intro to Statistics	\$300.00
Intro to Python	\$650.00
Fees	
Application Fee	\$50.00
Registration Fee	\$200.00
Lab Fee	\$390.00
IT Service Fee	\$550.00
Credential Fee	\$600.00

XVIII. CAMPUS FACILITIES

DiverseNote Mobility has two campus locations online and in-person. We have multiple lab locations at partner facilities as applicable. The online campus is located at www.diversenote.mobi.