



School Catalog- Year 2021-2022



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GENERAL INFORMATION

HISTORY

MTSS Group (formerly known as MedTech Staffing & Solutions) was founded in 2003 in Salem, NH, as an IT consulting firm. The company then moved its business operations to NJ in 2008 to enter the tristate market. Since 2003, MTSS Group has been a valued services & solutions provider, successfully supporting customers in various industries across the United States including Information Technology, Healthcare, Life Sciences, Engineering, and Finance. We have a successful track record of delivering creative services and solutions that have helped our clients succeed and grow. We have been providing full-time/permanent, as well as contingent, staffing services and solutions to our clients nationwide. MTSS Group is highly focused on cultivating a diverse work environment, developing good outreach programs, and building exceptional candidate pipelines.

MTSS Group was founded by an experienced group of IT and healthcare professionals who also own one of the leading healthcare technical institutions in NJ, AIMS Education. After thoroughly researching the Information Technology and Data Science sector, MTSS Group decided it was time to build an educational institution to provide quality IT education with proper practical training. In 2020, MTSS Education was registered as the education division of MTSS Group. MTSS Education has opened a state-of-the-art campus located in Piscataway, NJ. Although most of the programs will be offered online, a variety of services and resources including enrollment, academic advising, and career services, will be available on campus. MTSS Education has formed affiliations with numerous IT companies throughout the United States.

MISSION STATEMENT

The mission of MTSS Education is to prepare adult learners for successful careers in the field of information technology. We seek to offer educational programs that provide real-world technical skills that match employer needs.

OBJECTIVES

- To encourage students to think scientifically and help them develop a scientific mindset. This will help them achieve more professional growth and a uniqueness that will be their key to getting hired.
- To employ highly qualified and immensely experienced faculty.
- To ensure students have access to a high-quality learning environment with up-to-date tools and technologies.
- To provide our students with practical experience and emphasize learning methods that can be applied in the real world.
- To offer comprehensive, technology training programs which are designed to meet job market demands.
- To adapt to new challenges in the information technology field



FACILITY

The campus of MTSS Education is in Piscataway, New Jersey. The building is approximately 5000 square feet and offers modern physical and virtual classrooms and designated computer labs, and equipment. All policies and procedures are applicable to this campus.

School Calendar and Class Schedule

The school will observe the holidays listed below. Classes will not be held on these days. Holidays are not counted as part of the scheduled clock hours for a program.

SCHOOL CALENDAR AND CLASS SCHEDULE

Observed Holidays

New Year's Day
Independence Day
Memorial Day
Labor Day
Thanksgiving
Christmas

Daily Class Schedules:

Day Class (Mon-Fri or Mon-Thurs)

9:00 a.m. to 12:00 p.m.

Break:

10:30 a.m. to 10:40 a.m.

Evening Class (Mon-Fri or Mon-Thurs)

7:30 p.m. to 10:30 p.m.

Break – 9:00 p.m. to 9:10 p.m.

Weekend Class (Sat-Sun)

9:00 a.m. to 1:00 p.m.

Break – 11:00 a.m. to 11:20 a.m.

Program Start and End Dates

The start date and end date for each program may vary due to the length of the program. Holidays or school closings, may cause the program completion dates to vary as well. Please keep in mind that students enrolled in evening and weekend classes will typically take longer to complete their programs.

Students receiving assistance from the Department of Labor and Workforce Development:

In the event of an unannounced school closure, students enrolled at the time of the closure must contact the Department of Labor and Workforce Development's Training Evaluation Unit within ninety (90) calendar days of the closure. Failure to do so within the ninety (90) days may exclude the student from any available form of assistance. The contact number to call is 609-292-4287 or email at trainingevaluationunit@dol.nj.gov.



ADMISSIONS POLICIES AND PROCEDURES

General Procedure

Prospective students are required to apply. Meeting the minimum requirements for admission does not guarantee a student will be allowed into a program.

Rolling Admissions

MTSS Education has a rolling admission policy. Once a start date is determined for a program, students are welcome to apply and/or enroll in the program. Applications are not accepted for programs without an official start date. Once a student is accepted and/or fulfills all admission requirements for a particular program, he or she may enroll in that program.

Nondiscrimination

MTSS Education admits students based solely on their qualifications and ability to benefit from a career training program. MTSS Education does not discriminate against any individuals based on race, religion, color, sex, gender identity, age, sexual orientation, ethnicity, national origin, disability, marital status, veteran status, or any other non-merit-based factors.

ADMISSION ELIGIBILITY

Age Requirement

All students must be at least seventeen (17) years of age before the first day of class.

Educational Requirement

The minimum educational requirement is a high school diploma, General Education Development Certificate (GED), or the equivalent.

ADMISSION REQUIREMENTS

Meeting Admission Requirements

Students must meet all admission requirements prior to enrolling in their program of choice. In special cases, provisional enrollment may be granted to students who are unable to turn in all necessary documents on the day of enrollment. School officials may use professional judgment to determine eligibility for provisional enrollment.

Submission of Admission Documents

Students are required to turn in all appropriate documents on or before the day of enrollment. Admission documents include but are not limited to the following:

Application for Enrollment

Students must submit a completed application for enrollment. The purpose of the application for enrollment is to collect personal information including but not limited to the student's name, date of birth, social security number, gender, program of study, program start date, address, phone number, citizenship, marital status, ethnicity, educational background, etc.

2 Forms of Identification



Acceptable forms of identification include a driver's license, passport, social security card, employee ID, student ID, birth certificate, certificate of citizenship, certificate of naturalization, a U.S. government issued ID, etc.

Proof of High School Education

All students must show proof of high school completion or equivalent. Proof of high school graduation must be submitted by the first day of class. Students who do not submit the required documentation will automatically be placed on probationary status and must follow the guidelines for pending admission documents.

Valid proof of minimum educational requirements includes but is not limited to the following: high school transcript, high school diploma, college degree, GED certificate, homeschool certification letter, or academic credential evaluation.

Public high school diplomas from U.S. territories will be considered equivalent to high school diplomas earned in the United States. If the diploma is in a language other than English, a translation will be required.

Online diplomas are only recognized if the school is accredited by an organization recognized by the US Department of Education. If the validity of the high school and/or documentation provided cannot be verified, the student will need to obtain a GED.

Foreign credentials may require evaluation from a recognized evaluation company.

Administrative Fee

An administrative fee of \$75 must be paid prior to enrollment. The administrative fee is nonrefundable.

Enrollment Documents

All necessary enrollment documents must be completed on the day of enrollment or prior to the first day of class. If a student is found to be lying on any of the documents, then he/she may be subject to suspension or termination from the school.

Pending Admission Documents

Students who have not submitted all their admission documents by the first day of class will be placed on probationary status until they have submitted all required documentation.

The following guidelines apply to all weekend programs:

1. All admission documents must be submitted by the fifth scheduled day of class.
2. Students who do not submit their missing documents by the aforementioned due date will be given a 1-week extension and a warning letter.
3. Students who do not submit their missing documents within 1 week of the date on the warning letter will be immediately suspended from class.
4. Students who do not submit their missing documents within 5 business days of their suspension will be immediately terminated from the school.



ADMISSION PROCESS

General Admission

Enrollment in a program/course at MTSS Education can be done in-person or online. The enrollment process includes the submission of admission documents, and completion of enrollment paperwork.

CREDIT DISCLAIMER STATEMENT

The MTSS Education does not offer college credit courses and it does not refer to academic credit. The MTSS Education is not approved to offer college credits.

RE-ENROLLMENT POLICY

Students who were previously enrolled in a program at MTSS Education, and want to re-enroll, must submit a re-enrollment request in writing to the Admissions Dept. This includes the following students:

- Students who withdrew from a program prior to completion and want to re-enroll in the same program.
- Students who withdrew from a program prior to completion and want to enroll in a new program.
- Students who were terminated from a program due to academic, behavioral, financial, and/or attendance issues, and want to re-enroll in the same program.
- Students who were terminated from a program due to academic, behavioral, financial, and/or attendance issues, and want to enroll in a new program.

The request for re-enrollment must state the reasons the student was unable to complete his/her program previously. It must also state the reasons the student has decided to re-enroll at MTSS Education. Upon submission, the Admissions Dept. will review the request and consult with all relevant departments at MTSS Education.

The student will be notified once a decision has been made. In certain cases, MTSS Education may request additional information and/or evidence that supports the student's request to re-enroll. The student will be notified once a final decision has been made.

Students who are approved for re-enrollment must meet the minimum requirements for the program they wish to join. Therefore, students who are approved for re-enrollment are not guaranteed acceptance into their program of choice.

Students who are re-enrolling at MTSS Education must follow the standard admissions policies and procedures.



TUITION AND REFUND POLICY

INSTITUTIONAL REFUND POLICY

In the event that a student withdraws from a program or is terminated by the school prior to completion of that program, MTSS Education shall adhere to the refund policy listed below. The refund policy is based on the student's last date of attendance. The student must officially notify the Academics Department of his or her desire to withdraw from the school prior to requesting a refund.

If Withdrawal or Cancellation Occurs:	The School Will Retain
During the first week	10% of the tuition
During the second or third week	20% of the tuition
After the third week but prior to completion of 25 percent of the course	45% of the tuition
After 25 percent but not more than 50 percent of the course has been attended	70% of the tuition
After completion of more than 50 percent of the course	100% of the tuition

*All refunds will be issued or paid to the student within 30 days of the date of determination as defined in MTSS Education's Refund Policy. No refunds will be made after 50% of the scheduled hours have been completed.

PAYMENT POLICIES

Student should ensure satisfactory payment arrangements for the tuition and fees applicable to program prior to attending class.

Satisfactory payment arrangements shall include, obtaining approval to start training from a One Stop Career Center counselor, or signing a payment plan with the Accounts Department for an aggregate amount equal to the tuition and fees for the program.

MTSS Education offers interest-free school payment plans for all programs. The payments will vary from program to program. All payments are due on the 10th of each month or the dates specified on the payment plan.

Payments can be made online using MTSS Education's secure payment portal. Online payment can be made using a credit/debit card, checking account, or savings account. Students have the option of setting up recurring payments via an Electronic Funds Transfer (EFT). An EFT can be set up using a checking account, savings account, or credit card.

A late fee of \$25 will be incurred for any payments made past the due date (applies to all programs). Failure to comply with these requirements will result in a financial hold and may result in suspension and/or termination from the program.



If a balance remains on a student account at the end of a program, the student will not be issued a Certificate of Completion and/or transcript. The student's file may be forwarded to a collection agency, and any late fees, collection charges, or legal fees will be added to student's account.

If the program cost has changed, please refer to your enrollment contract for accurate pricing.

Tuition Information

Students are required to pay a \$75 administrative fee prior to enrollment. Thereafter students are required to make tuition payments according to the provided payment plan. Payments will be due by the 10th of every month or the dates provided in the student's payment plan. There will be a \$25.00 late fee for any late payments.

Miscellaneous Charges

Transcript: \$10.00

Duplicate Certificate: \$75.00

Certificate Mailing Charge: \$10.00 (Certified Mail)

*Note: All prices are subject to change at any time. If a student's financial commitments are not fulfilled, their certificate and/or transcript will be kept on hold.

PROGRAM TUITION BREAKDOWN

PROGRAM	CIP#	Hours	Admin.	Tuition	Total
DATA SCIENTIST	30.7001	253	\$75	\$1449	\$1524
DIGITAL PROJECT MANAGER	52.0211	160	\$75	\$1249	\$1324
ARTIFICIAL INTELLIGENCE ENGINEER	30.7001	291	\$75	\$1449	\$1524
CYBER SECURITY EXPERT	11.1003	154	\$75	\$2449	\$2524
CLOUD ARCHITECT	11.0902	154	\$75	\$1449	\$1524
BIG DATA ENGINEER	30.7001	288	\$75	\$1449	\$1524
BUSINESS ANALYST	30.7102	109	\$75	\$1249	\$1324



COURSES TUITION BREAKDOWN

Academic Courses	CIP Code	Hours	Admin.	Tuition	Total
Data Science with Python	30.7001	72	75	\$549	\$624
Tableau Training	30.7001	54	75	\$649	\$724
PMP®	52.0211	96	75	\$949	\$1024
Agile Scrum Master®	52.0211	36	75	\$1049	\$1124
Machine Learning	30.7001	72	75	\$749	\$824
Deep Learning with Keras and TensorFlow	30.7001	43	75	\$749	\$824
CEH (v11) - Certified Ethical Hacker	11.1003	40	75	\$2850	\$2924
CISSP® Training	11.1003	40	75	\$2850	\$2924
Certified Cloud Security Professional	11.1003	36	75	\$2849	\$2924
CompTIA Security+ (SYO-501)	11.1003	36	75	\$1449	\$1524
AWS Solutions Architect	11.0902	40	75	\$749	\$824
Microsoft Azure Architect Technologies: AZ-303	11.0902	40	75	\$949	\$1024
Microsoft Azure Architect Design: AZ-304	11.0902	40	75	\$949	\$1024
Big Data Hadoop and Spark Developer	30.7001	84	75	\$749	\$824
MongoDB Developer and Administrator	30.7001	56	75	\$749	\$824
AWS Big Data Certification Training	30.7001	61	75	\$749	\$824
Certified Business Analysis Professional (CBAP®)	30.7102	41	75	\$949	\$1024



STUDENT SERVICES AND PROGRAMS

CAREER SERVICES

Objective

MTSS Education Career Services Department is committed to supporting and assisting the career development of our attending students and graduates. The ultimate goal of our Career Services staff is to prepare every MTSS Education student for a long, successful career in their chosen field. We provide career-related counseling and programs to help our students in resume writing, job-search techniques, networking, interview skills, and interview follow-up.

Overview

We are wholly independent, offering objective and impartial advice and information, free of any commercial relationship with employers. We maintain and develop links with the range of organizations providing appropriate hiring opportunities for graduates, including IT and staffing companies. We assist in the provision and dissemination of information about the destinations of those who have completed their studies at MTSS Education. We continue to be the main provider of choice of careers education, information, and guidance within MTSS Education.

Process

When students register to complete a program at MTSS Education, they attend an orientation. During the orientation students are provided a brief overview of the Career Services procedures and the assistance MTSS Education offers.

In addition to the initial general orientation, students meet with the Career Services department. At this meeting students are asked to complete the Employment Consent Form. The completed form contains the contact information of the student (email and phone), grants permission to our Career Services department to forward the student's resume to potential employers (after we confirm a student's interest in a specific opportunity) and is used by our Career Service department to contact the student/graduate as opportunities arise.

As students graduate, our Career Service department meets with the students to review their individual career expectations in addition to the student's desired work location(s). Our Career Services department encourages all graduates to register to take their national exams. While on campus for the Career Service meeting students are introduced to our Registry Guidance Counselor who assists the student to set up and complete their national exams.

Career Services next step is to follow-up with students through phone and email contacts. As we receive job requisitions from our network, we reach out to graduates to discuss their availability and possible interest in each specific position. In addition to our network contacts, we also set up "Job Alerts" on several job board sites and receive alerts we can forward to available candidates for their review and application. A chart is maintained by the department to monitor graduate success and/or current availability/interest in pursuing opportunities. MTSS Education maintains affiliations with staffing agencies, job placement, and recruiting agents who assist and forward possible job openings to our graduate students.



Once a student is hired our Career Services department will reach out to the graduate's new company and send an "Employer Survey" and "Employment Verification" to be completed by the employer. MTSS Education has an affiliation with an employment verification agency to enhance the process of employment verification and collection of survey reports for the students who have not responded to our Career Service department in a timely manner. The survey is one of the important ways for our school to review our student's and the school's success and to help evaluate the student's training received through MTSS Education.

Services Offered

Having the proper resources to conduct a successful job search can make a big difference. MTSS Education offers a variety of career resources and tools to our students and graduates. Although appointments are not required, students are encouraged to make an appointment with a Career Services counselor to ensure all students may avail themselves of the services we offer. Some of the assistance and services students can expect to receive:

- Career Orientation
- Job Search Techniques
- Resume Preparation Assistance
- Interview Preparation and Follow-up
- Career Development Seminars
- Campus Recruiting Events/ Job fairs
- Job Research and Job Posting Board (on-campus/online)

Career Development Workshops

As an additional service for our students, we provide regular career development workshops. During these workshops, our career services team present information that will assist students with their job search. These workshops cover a variety of topics including job search techniques, resume writing, interview skills, professionalism, and LinkedIn.

What Career Services Does Not Offer

Students are informed that job hunting, whether still in school or after graduation, is ultimately their responsibility, but the MTSS Education career services department remains committed to assisting our students in their efforts. The role of career services is not to act as an employment agency. Procuring a position depends on the student's performance and the will of the hiring site. Employers consider a graduate's attitude, grades, interview performance, work background, educational background, and other intangible factors when determining employment. No representative of MTSS Education promises employment or a specific starting salary.

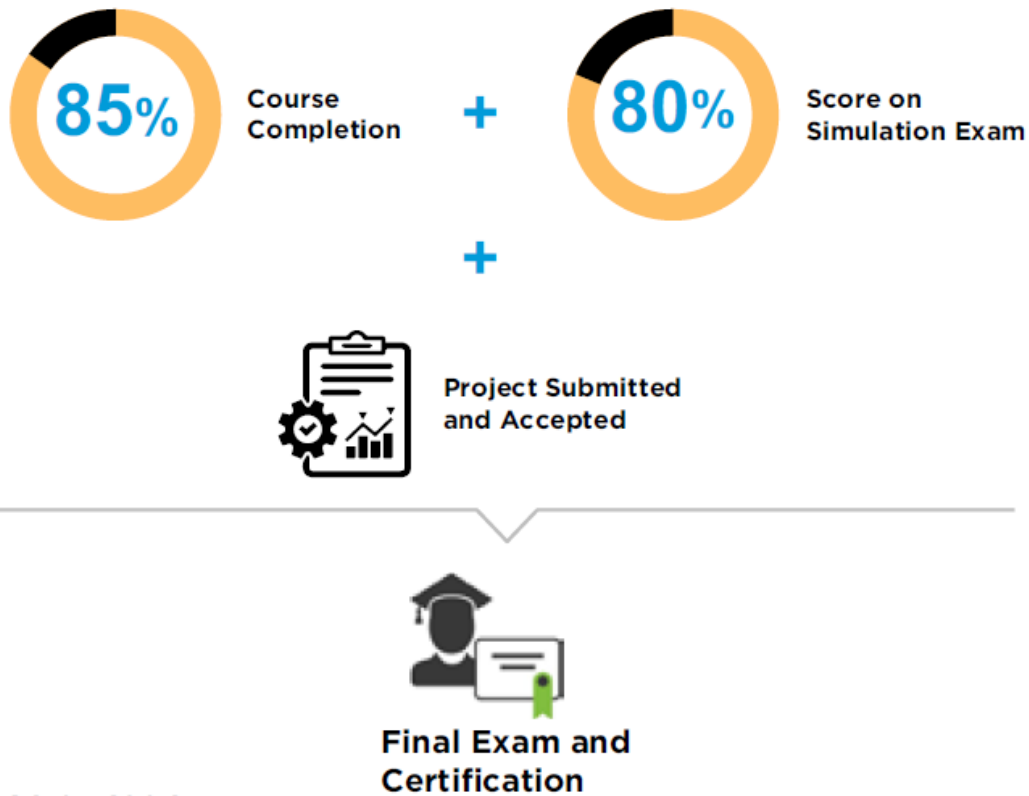
*** MTSS Education does not warrant or guarantee that successful completion of a program offered at MTSS Education will result in a graduate obtaining employment in any field or profession.

ACADEMIC POLICIES AND PROCEDURES

GRADING POLICY

The grading policy below, unless otherwise stated, is standard throughout all programs at MTSS Education. Grades and grade points represent the final measure of a student’s performance in a course. A grade is issued for each course attempted. For all programs offered at MTSS Education the grading system is as follows:

Letter Grade	Grade Value	Description	Percentage
A	4.0	Excellent	97.50 - 100%
A-	3.75	Very Good	93.50 - 97.49%
B+	3.5	Good	89.50 - 93.49%
B-	3.25	Above Average	86.50 - 89.49%
B	3.0	Average	82.50 - 86.49%
C	2.5	Satisfactory	79.50 - 82.49%
F	0.0	Failing	79.49% and Below





Grading: Delivered Digitally

INCOMPLETE GRADES

Incomplete grades are given when a student is unable to complete a course because of illness or other serious problems. An incomplete grade may also be given when through negligence or procrastination students fail to turn in work or take examinations. A student who misses a final examination must contact the instructor within twenty-four hours of the examination to arrange for a make-up examination. If the student does not make arrangement to take missed examinations, then a failure grade will be given. Students who withdraw and are passing the program will be given a WP (withdrew passing). Students who withdraw and are not meeting the minimum grade point average will be given a WU (withdrew unsatisfactory grades).

PROBATION FOR BELOW AVERAGE GRADES

Students who fail to maintain the minimum grade point average of 75 percent required for graduation will need to enter a probation period. The student will be scheduled for in school instructor-led assistance in accordance with the make-up schedule. Students unable to increase their grade point average may be dismissed from the program. Refunds will be given in accordance with the school's refund policy.

STUDENT EVALUATION TECHNIQUES

A test may be administered after each lesson to determine the amount of learning that has taken place. Test scores that are below 75 percent are an indication that the necessary skills for entry into employment were not acquired. Students should make arrangements for additional practice, independent study or tutoring. Tests will be both cognitive and psychomotor with the psychomotor skills being measured against industry standards. This allows students to keep a record of their progress. Other methods of evaluation may include oral quizzes, skill development tests, hands-on skill evaluation, and individual and group projects.

INSTRUCTOR EVALUATION TECHNIQUES

Instructor evaluations are conducted at the end of every program. Evaluations are reviewed by the Director and used to improve instructor quality.

WITHDRAWING FROM SCHOOL

Students must fill out a withdrawal notification and submit it to the school director. This document must contain the student's name, student ID number, and date of withdrawal. All financial obligations on the part of the school and the student will be calculated using the official withdrawal date. It is the student's responsibility to withdraw officially from the school. Failure to withdraw formally may result in failing grades, breach of contract, dismissal, and additional financial obligations.



ATTENDANCE REQUIREMENTS

ATTENDANCE POLICY

MTSS Education records the daily attendance of each student in accordance with state guidelines. Records of student's attendance will be kept on file and are available for student review. This school requires students to be in attendance for 80 percent of the program. Absenteeism for more than 15 percent of the total program constitutes cause for dismissal. Students who have greater than 15 percent absences will have their case reviewed by the school director with the likelihood of being dropped from the program. Students who realize that their absence will extend beyond 15 percent of the program have the option of requesting an official leave of absence.

LEAVE OF ABSENCE POLICY

Students will be granted a leave of absence upon request. The following guidelines must be adhered to:

1. The request for a leave of absence must be submitted to the attendance officer in writing.
2. The request must have the date that the student will begin the leave and the expected date of return to classes.
3. Leaves of absence will be honored within the student's Enrollment Agreement contract and will not extend beyond the contract. Should a leave request take the student beyond the contracted completion date, the student may be subject to reentry under a new contract or an amended contract. If the student does not reenter within the contracted schedule and does not arrange for a contract amendment, then the student's contract will be terminated. When appropriate the student may be entitled to a refund in accordance with the school's refund policy.

Note: Each individual situation will be handled privately. The school will make every effort to help students meet their educational goals. It will be necessary to meet with the attendance officer before returning to class. Leave of absences that extend beyond the original contract may be subject to additional tuition costs. Students should be prepared to make up lessons lost prior to reentry into the program.

CLASS CUTS

Hours lost due to cutting class will be recorded as absences. Students are responsible for making up class work and assignments. Missed lessons must be made-up in order to meet the minimal attendance and graduation requirements. Students will need to meet with the attendance officer before returning to class.

STUDENT MAKE-UP HOUR POLICY

In order for students to meet their educational goals they must receive instruction in all aspects of the program. Lessons missed due to absences or a leave of absence need to be made up. The student must makeup missed classes and assignments within five (5) business days of returning to school. Students should meet with their class coordinator to get missed assignments. Students who do not take advantage of the school's make-up policy may need to arrange for private instruction at an additional cost to the student. Private instruction will incur additional fees at the rate of \$50 per hour based on instructor availability. When applicable, should the student request to wait until the missed lesson is offered in another class the student needs to be aware that this may change their completion date. The student will need permission from the school director for a change in completion date and may result in a contract amendment.



TARDINESS

Developing good work ethics is an important part of the training at MTSS Education Center. Students arriving late for class are interrupting the instructor and other students.

The following recording system will be used for tardiness.

- 1 to 15 minutes late will be counted as 15 minutes late.
- 16 to 30 minutes late will be counted as 30 minutes late.
- 31 to 60 minutes late will be counted as 1 hour late.

It is the responsibility of the student to make up missed assignments. MTSS Education Center encourages students to plan to arrive at the school at least 10 minutes before the start of class.

CODE OF CONDUCT

The following conduct is unacceptable and will not be tolerated:

1. All forms of bias including race, ethnicity, gender, disability, national origin, and creed as demonstrated through verbal and/or written communication and/or physical acts.
2. Sexual harassment including creating a hostile environment and coercing an individual to perform sexual favors in return for something.
3. All types of proven dishonesty, including cheating, plagiarism, knowingly furnishing false information to the institution, forgery and alteration or use of institution documents of identification with intent to defraud.
4. Intentional disruption or obstruction of teaching, research, administration, disciplinary proceedings, public meetings and programs, or other school activities.
5. Physical or mental abuse of any person on school premises or at functions sponsored or supervised by the school.
6. Theft or damage to the school premises or damage to the property of a member of the school community on the school premises.
7. Failure to comply with directions of institutional officials acting in the performance of their duties.
8. Violation of the law on school premises in a way that affects the school community's pursuit of its proper educational objectives. This includes, but is not limited to, the use of alcoholic beverages and/or controlled dangerous substances on school premises.

CONDITIONS FOR DISMISSAL

Students may be dismissed from the school for the following reasons:

1. Not adhering to the school's rules, regulations, policies and code of conduct
2. Missing more than 20 percent of instruction time
3. Not maintaining the minimum grade point average
4. Not meeting financial responsibilities to the school

The school director will notify the student in writing should it become necessary to dismiss the student. The dismissal letter will contain the date and the reason for dismissal. It is the responsibilities of the dismissed student to notify the appropriate institution should the student have a student loan or is receiving financial aid. Prepaid tuition will be refunded according to the school's refund policy.



RE-ENTRY POLICY

Students that have been dismissed from the school and are requesting re-entry must put the request in writing to the school director. In cases where the student was dismissed for excessive absences (greater than 20 percent) or financial concerns it may be possible to re-enter within the same school term. In cases where the student was dismissed due to failure to maintain the minimum grade point average, it may be possible for the student to receive private tutoring and then reenter the school. In cases where the student was dismissed due to unacceptable conduct the student may have to meet with a review panel before re-entering the school. The decision of the review panel is final and the student will receive a letter within five business days from the school director stating the decision of the panel.

CREDIT FOR PREVIOUS TRAINING

MTSS Education is committed to helping students reach their educational goals as quickly as possible. However, technology changes rapidly and what was learned in an earlier program may no longer be applicable. To ensure that our students graduate with the skills necessary to achieve success in the workplace we will give recognition for previous training only after the student has taken and passed a program proficiency test. The minimum passing grade is 80 percent proficiency on the tested information. Students wishing to receive recognition for previous training must show proof of previous training.



STUDENTS RIGHTS AND RESPONSIBILITY

NOTICE OF NON-DISCRIMINATION

MTSS Education does not discriminate against any individuals on the basis of race, religion, color, sex, gender identity, age, sexual orientation, ethnicity, national origin, disability, marital status, veteran status, or any other federal or state protected classes. MTSS Education provides equal opportunities in education and employment for all qualified individuals.

STUDENT COMPLAINTS / GRIEVANCE PROCEDURE

MTSS Education has an open-door policy for students regarding complaints or grievances. Before filing an official complaint, it is recommended that students first attempt to resolve the issue with the other parties involved. Academic issues should always be discussed with the student's instructor. If unsatisfied with the outcome the student can meet with an academics or student affairs administrator to file an official complaint.

This complaint procedure is intended to provide a formal framework within which a complaint can be documented. This procedure is not, however, a substitute for other available informal means of resolving complaints or other concerns. Reasonable measures will be undertaken to preserve the confidentiality of information that is reported during the investigation and to protect persons who report information from retaliation. Students who seek to file a complaint should provide notice of such in writing. The written notice should include the following information:

1. Student's full name, student ID, and current address.
2. State the concern including dates, times and persons involved.
3. The letter must be dated and signed by the student.

The Department of Student Affairs will notify the student in writing of the appointment date during which the complaint will be addressed. Every effort will be made to bring an amicable closure to the concern. Due chances would be given to the students before concluding the issue.

- Every issue will have an equitable solution. The Director of the school will try to resolve issues at the first level or he may form a committee if he should deem it necessary, consisting of a few or all of the following: the Director of Education, Instructional and Administrative members, Student representative and other related staff members. The result will be based on the consensus of the committee. The issues and the outcome will be maintained in strict confidentiality.
- If the grievance is of non-academic nature, Director of the school will be resolving it in the best interest of the student and the school. The Director will gather and analyze appropriate information. Formal grievances filed against any staff member in the capacity of administrators, faculty members, departments or program heads, must be reported to the Director of the school.



STUDENT RECORDS AND ACCESS

The school will maintain student records for a period of five years. Transcripts will be maintained indefinitely. The student records that the school will maintain are as follows:

1. Enrollment Records
2. Medical Records (if applicable)
3. Attendance Records
4. Academic Records
5. Financial Records
6. Placement Data
7. Record of meetings, appeals, disciplinary actions, and dismissals
8. Graduation certificate
9. Student transcript

Student records are maintained by the administration and are available for review by the student, in the presence of an administrator, by filing a request form. A request to view student records is typically processed within 10 business days. Students are encouraged to submit updates to their records, such as, address changes or changes in financial status, as soon as possible. All school records are considered private and confidential.

COPYRIGHT INFRINGEMENT POLICY

1. It is the policy of MTSS Education to comply with all copyright laws. This includes but is not limited to copying textbooks, manuals, periodicals, as well as peer-to-peer file sharing.
2. All students and staff are expected to be aware of and follow these laws.
3. Any faculty, students, or staff practicing unauthorized use or distribution of copyrighted material will be subject to disciplinary procedures, up to and including dismissal from the school.
4. Individuals will also be subject to federal criminal offenses for copyright law violations.



ACADEMIC PROGRAMS & COURSES

Below is a list of the programs and Courses. Program length, in months and weeks, may vary depending on holidays, vacations, state emergencies, emergency closings, etc. The total hours per program and course are as follows:

Academic Programs	Hours
Data Scientist	253
Digital Project Manager	160
Artificial Intelligence Engineer	291
Cyber Security Expert	154
Cloud Architect	154
Big Data Engineer	288
Business Analyst	109

Academic Courses	Hours
Data Science with Python	72
Tableau Training	54
PMP®	96
Agile Scrum Master®	36
Machine Learning	72
Deep Learning with Keras and TensorFlow	43
CEH (v11)- Certified Ethical Hacker	40
CISSP® Training	40
Certified Cloud Security Professional	36
CompTIA Security+ (SYO-601)	36
AWS Solutions Architect	40
Microsoft Azure Architect Technologies: AZ-303	40
Microsoft Azure Architect Design: AZ-304	40
Big Data Hadoop and Spark Developer	84
MongoDB Developer and Administrator	56
AWS Big Data Certification Training	61
Certified Business Analysis Professional (CBAP®)	41



DATA SCIENTIST

Certification Program

CIP # 30.7001

253 Clock Hours

13 weeks (weekdays - Evening) | 26 weeks (weekend - Day)

Objectives

- Prepare students scanning skills to be successful in meeting the challenges of being a Data Scientist.
- Provide training to all students to help ensure their success in the program. Encourage students to use critical thinking to analyze clinical data and current literature as a basis for decision making in Data Science.
- Data scientist to practice within an ethical and legal framework.

PROGRAM DESCRIPTION:

The Data Scientist program is an online instructor-led virtual program, designed to provide opportunities for students with the skill and the knowledge required for being capable of performing at the entry level as a Certified Data Scientist. The specialized knowledge in the field of Data Science will embark the students on a fast-paced, rigorous journey exploring the technical skills needed to analyze an array of complex business problems and produce practical solutions. This program identifies necessary competencies and integrates the curricula to support these outcomes to produce a data scientist to solve a host of real-world, often business and/or executive problems. Students or Professionals coming to MTSS Education, will be prepared for many challenging roles in the field of Data Science. This program will be taught completely online using an online platform learning environment.

After successfully completing the program, graduates will be awarded a certificate from MTSS Education.

Program Goals of the Data Science Program

- To prepare competent entry level data scientist in the cognitive (knowledge) and affective (behavior) learning domains.
- To provide education designed to prepare our students for an entry-level career as a data scientist meeting industry standard requirement.
- To instill in students to achieve professional and academic excellence throughout their career.
- To administer competency examinations that measure theoretical knowledge and technical skills necessary to competently perform the tasks of a data scientist.



Course Name	Theory/ Hands-on training hours
Statistics Essential	4
Data Science with Python	72
Machine Learning	72
Deep Learning with Keras and TensorFlow	43
Tableau Training	54
Data Science Capstone	8
Program Total	253

Prerequisites:

1. A high school graduate and at least 17 years of age.



DATA SCIENTIST COURSES

DATA SCIENCE WITH PYTHON

Certification Course

CIP # 30.7001

72 Clock Hours

4 weeks (weekdays - Evening) | 8 weeks (weekend – Day)

Course Description

This course is a part of the Data Scientist Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

The Data Science with Python certification course provides a complete overview of Python's Data Analytics tools and techniques. Learning Python is a crucial skill for many Data Science roles. Acquiring knowledge in Python will be the key to unlock your career as a Data Scientist. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

TABLEAU TRAINING

Certification Course

CIP # 30.7001

54 Clock Hours

3 weeks (weekdays - Evening) | 6 weeks (weekend – Day)

Course Description

This course is a part of the Data Scientist Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

This Tableau certification course helps you master Tableau Desktop, a world-wide utilized data visualization, reporting, and business intelligence tool. Advance your career in analytics by learning Tableau and how to best use this training in your work. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.



DIGITAL PROJECT MANAGER

Certification Program

CIP # 52.0211

160 Clock Hours

9 weeks (weekdays - Evening) | 18 weeks (weekend - Day)

PROGRAM DESCRIPTION:

The Digital Project Manager program is an online instructor-led virtual program, designed to equip individuals with a three-layer skillset framework that includes core skills for project management, using modern tools and techniques to manage critical projects, and skills necessary for holistic digital awareness. The specialized knowledge in the field of digital project management will embark the individuals on a fast-paced, rigorous journey exploring the technical skills needed to analyse an array of complex business problems and produce practical solutions. This program helps become an expert in core Project Management with courses like PMP, Six Sigma, Agile and DevOps, and build awareness about the latest digital technologies with courses covering Digital Transformation, Digital Marketing, Big Data, and Data Science. Students or Professionals coming to MTSS education, will be prepared for many challenging roles in the field of Project Management. This program will be taught completely online using an online platform learning environment.

After successfully completing the program, graduates will be awarded a certificate from MTSS Education.

Program Goals of the Digital Project Manager Program

- To prepare individuals getting familiar with modern project management tools such as work breakdown structure, Gantt charts, project cost estimation etc.
- To teach individuals on how to apply lean principles to improve efficiency in handling business challenges.
- To prepare individuals in achieving professional and academic excellence throughout their career.
- Assist individuals in utilizing the characteristics of Big Data, key components of the Hadoop ecosystem, Sqoop and Zookeeper.

Course Name	Theory/ Hands-on training hours
PMP®	96
Agile Scrum Master®	36
Digital Transformation for Leaders	13
Digital skills in Data and AI	4
Digital Marketing for Leaders	11
Program Total	160

Prerequisite: A high school graduate and at least 17 years of age.



DIGITAL PROJECT MANAGER COURSES

PMP®

Certification Course

CIP # 52.0211

96 Clock Hours

5 weeks (weekdays - Evening) | 10 weeks (weekend – Day)

Course Description

This course is a part of the Digital Project Manager Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

The PMP course covers new trends, emerging practices, tailoring considerations, and core competencies required of a Project Management professional. Placing a greater emphasis on strategic and business knowledge, this course also includes a new section on the role of the project manager in both large and small companies. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

AGILE SCRUM MASTER®

Certification Course

CIP # 52.0211

36 Clock Hours

5 weeks (weekend – Day)

Course Description

This course is a part of the Digital Project Manager Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

This Scrum Master Certification Online Training introduces the best practices of Agile and the nuances of the Scrum methodology. Master the Agile Scrum project management approach and enhance your ability to develop and deliver quality products to customers. Use this popular methodology to maximize business value while mitigating potential risks. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.



ARTIFICIAL INTELLIGENCE ENGINEER

Certification Program

CIP # 30.7001

291 Clock Hours

15 weeks (weekdays - Evening) | 30 weeks (weekend - Day)

PROGRAM DESCRIPTION:

The Artificial Intelligence Engineer program like Data Scientist program, is an instructor-led online virtual program, designed by renowned industry leaders. This program is a mix of Machine Learning & Deep Learning, Data Science, Artificial Intelligence and enabling the real-world implementation of advanced tools and models. This program is a perfect mix of self-paced online videos/tutorials and live virtual classes. You will have privilege to gain in-depth knowledge of Artificial Intelligence concepts including the essentials of statistics required for Data Science, Python programming, and Machine Learning. The Artificial Intelligence program at MTSS Education will teach how to use Python libraries like NumPy, SciPy, Scikit, and essential Machine Learning techniques, such as supervised and unsupervised learning, advanced concepts covering artificial neural networks and layers of data abstraction and TensorFlow. Students or IT professionals at MTSS Education will be catered an exciting learning experience and real-world applications, mastering with essential skills required to enter in Artificial Intelligence Engineer role. This program will be taught completely online using an online platform learning environment.

After successfully completing the program, graduates will be awarded a certificate from MTSS Education.

Program Goals of the Artificial Intelligence Engineer Program

- Understand the meaning, purpose, scope, stages, applications, and effects of Artificial Intelligence.
- Predictive Models.
- Applied Machine Learning.
- Recommender Systems.
- Dealing with Data in the Real World.
- Design and build your own intelligent agents, applying them to create practical Artificial Intelligence projects, including games, machine learning models, logic constraint satisfaction problems, knowledge-based systems, probabilistic models, and agent decision-making functions.
- Master the essential concepts of Python programming, including data types, tuples, lists, dicts, basic operators, and functions.
- Learn how to write your own Python scripts and perform basic hands-on data analysis using Jupyter notebook.
- Gain an in-depth understanding of Data Science processes: data wrangling, data exploration, data visualization, hypothesis building, and testing.
- Perform high-level mathematical and technical computing using the NumPy and SciPy packages and data analysis with the Pandas package.
- Master the concepts of supervised and unsupervised learning models, including linear regression, logistic regression, clustering, dimensionality reduction, K-NN and pipeline, recommendation engine, and time series modeling.



- Understand the concepts of TensorFlow, its main functions, operations, and the execution pipeline.
- Master advanced topics in Artificial Intelligence, such as convolutional neural networks, recurrent neural networks, training deep networks, and high-level interfaces.

Course Name	Theory/ Hands-on training hours
Introduction to Artificial Intelligence	3
Statistics Essentials	4
Data Science with Python	72
Deep Learning with Keras and TensorFlow	43
Machine Learning	72
Advanced Deep Learning and Computer Vision	41
AI Capstone Project	56
Program Total	291

Prerequisite: A high school graduate and at least 17 years of age.



ARTIFICIAL INTELLIGENCE ENGINEER COURSES

MACHINE LEARNING

Certification Course

CIP # 30.7001

72 Clock Hours

4 weeks (weekdays - Evening) | 8 weeks (weekend – Day)

Course Description

This course is a part of the Artificial Intelligence Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

This Machine Learning course offers an in-depth overview of Machine Learning topics including working with real-time data, developing algorithms using supervised & unsupervised learning, regression, classification, and time series modeling. Learn how to use Python in this Machine Learning certification training to draw predictions from data. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

DEEP LEARNING WITH KERAS AND TENSORFLOW

Certification Course

CIP # 30.7001

43 Clock Hours

3 weeks (weekdays - Evening) | 6 weeks (weekend – Day)

Course Description

This course is a part of the Artificial Intelligence Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

In this Deep Learning course with Keras and TensorFlow certification training, you will become familiar with the language and fundamental concepts of artificial neural networks, PyTorch, autoencoders, and more. Upon completion, you will be able to build deep learning models, interpret results, and build your own deep learning project. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.



CYBER SECURITY EXPERT

Certification Program

CIP # 11.1003

154 Clock Hours

10 weeks (weekdays - Evening) | 22 weeks (weekend - Day)

PROGRAM DESCRIPTION:

The Cyber Security Expert is an instructor-led online virtual program, designed by renowned cybersecurity professionals with foundational, intermediate, and advanced security skills through industry-leading certification courses, including CompTIA Security+, CEH, CISM, CISSP and CCSP. MTSS Education begins this program with introductory-level cybersecurity skills training and then progresses to advanced cybersecurity technologies such as reverse engineering, penetration testing techniques, and many more. This program is a perfect mix of self-paced online videos/tutorials and live virtual classes. Students or IT professionals at MTSS Education will be delivered an exciting learning experience and real-world applications, mastering with essential skills required to enter in Cyber Security Expert role. This program will be taught completely online using an online platform learning environment.

After successfully completing the program, graduates will be awarded a certificate from MTSS Education.

Program Goals of the Cyber Security Engineer Program

- Implement technical strategies, tools, and techniques to secure data and information for your organization.
- Adhere to ethical security behavior for risk analysis and mitigation.
- Understand security in cloud computing architecture in depth.
- Comprehend legal requirements, privacy issues and audit process methodologies within the cloud environment.
- Focus on IT compliance and the integrity of enterprise systems to establish a more secure enterprise IT framework.

Course Name	Theory/ Hands-on training hours
Introduction to Cyber Security	2
CompTIA Security+ (SYO-601)	36
CEH (v11) - Certified Ethical Hacker	40
CISSP® Training	40
Certified Cloud Security Professional	36
Program Total	154

Prerequisite: A high school graduate and at least 17 years of age.



CYBER SECURITY ENGINEER COURSES

CEH (V11)- CERTIFIED ETHICAL HACKER

Certification Course

CIP # 11.1003

40 Clock Hours

4 weeks (weekdays - Evening) | 6 weeks (weekend – Day)

Course Description

This course is a part of the Cyber Security Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

CEH certification training course provides you the hands-on training required to master the techniques hackers use to penetrate network systems and fortify your system against it. This ethical hacking course is aligned with the latest CEH v11 by EC-Council and will adequately prepare you to increase your blue team skills. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

CISSP® TRAINING

Certification Course

CIP # 11.1003

40 Clock Hours

3 weeks (weekdays - Evening) | 6 weeks (weekend – Day)

Course Description

This course is a part of the Cyber Security Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

The Certified Information Systems Security Professional (CISSP) certification training develops your expertise in defining the IT architecture and in designing, building, and maintaining a secure business environment using globally approved information security standards. The CISSP training covers industry best practices and prepares you for the CISSP certification exam held by (ISC)². This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

CERTIFIED CLOUD SECURITY PROFESSIONAL

Certification Course

CIP # 11.1003

36 Clock Hours

3 weeks (weekdays - Evening) | 6 weeks (weekend – Day)

Course Description

This course is a part of the Cyber Security Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.



Gain expertise in cloud security architecture, design, applications, and operations with this Certified Cloud Security Professional (CCSP) online training certification course. You will receive step-by-step guidance and an easy-to-follow, detailed lesson plan regarding every facet of CCSP, helping you accelerate your career in the growing field of cloud security. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

COMPTIA SECURITY+ (SY0-601)

Certification Course

CIP # 11.1003

36 Clock Hours

3 weeks (weekdays - Evening) | 6 weeks (weekend – Day)

Course Description

This course is a part of the Cyber Security Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

This CompTIA Security+ training course will help you gain skills required to install and configure systems to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and operate with an awareness of applicable policies, and laws. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.



CLOUD ARCHITECT

Certification Program

CIP # 11.0902

154 Clock Hours

13 weeks (weekdays - Evening) | 26 weeks (weekend - Day)

PROGRAM DESCRIPTION:

The Cloud Architect Certification program is an instructor-led online virtual program, designed by Cloud computing professional for individuals who seek to enhance their technical skills or pursue a new career in Cloud Computing space which has a significant impact on businesses globally, in a wide range of industries such as healthcare, insurance, transport, logistics, and customer service. This program at MTSS Education is designed to make you an expert in cloud applications and architecture. This program at MTSS Education, will enable you to master the core skillsets required for designing and deploying dynamically scalable, highly available, fault-tolerant, and reliable applications on three of the top Cloud platform providers — Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform. This program will give you an in-depth understanding of cloud services such as AWS Cloud formation, Azure resource manager, EC2, S3, Route53, VPC, Azure App Services, GCP and more. You will gain the knowledge and skills for passing cloud architect certifications such as AWS Architect and Azure Architect. Students or IT professionals coming to MTSS Education will be delivered an exciting learning experience and real-world applications, mastering with essential skills required to enter in Cloud Computing role. This program will be taught completely online using an online platform learning environment.

After successfully completing the program, graduates will be awarded a certificate from MTSS Education.

Program Goals of the Cloud Architect Program

- Set up a static website using Amazon S3.
- Create a bucket and enable static website hosting.
- Enable logging.
- Set up a CloudFront distribution for the static website with Access Logs enabled.
- Set up Geo Restrictions to prevent users in France and Australia from accessing the data.
- Verify that logging is working.
- Create Azure Web Apps.
- Enable Autoscaling for web apps.
- Deploy sample application from Visual Studio with application insights enabled.
- Set monitoring on Azure application insight.



Course Name	Theory/ Hands-on training hours
AWS Solutions Architect	40
Microsoft Azure Fundamentals	14
Microsoft Azure Architect Technologies: AZ-303	40
Microsoft Azure Architect Design: AZ-304	40
Google Cloud Platform Architect Training	20
Program Total	154

Prerequisite: A high school graduate and at least 17 years of age.



CLOUD ARCHITECT COURSES

*** The courses listed below are a part of the Data Scientist Program, the student can enroll for an individual course(s) and be eligible to get a separate certificate upon completion.**

AWS SOLUTIONS ARCHITECT

Certification Course

CIP # 11.0902

40 Clock Hours

3 weeks (weekdays - Evening) | 5 weeks (weekend – Day)

Course Description

This course is a part of the Cloud Architect Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

The AWS Solutions Architect Certification training will enable you to design, plan and scale AWS implementations utilizing over 70 cloud computing services. The AWS course is aligned with the latest AWS exam featuring Amazon designated best practice. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

MICROSOFT AZURE ARCHITECT TECHNOLOGIES: AZ-303

Certification Course

CIP # 11.0902

40 Clock Hours

5 weeks (weekend – Day)

Course Description

This course is a part of the Cloud Architect Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

This Microsoft Azure Architect Technologies AZ-303 online training course will prepare you for a career as a certified Azure Cloud Solutions Architect. You will learn how to manage Azure resources, configure and deploy virtual machines, and master Azure Cognitive Services solutions as you become familiar with the Azure platform. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

MICROSOFT AZURE ARCHITECT DESIGN: AZ-304

Certification Course

CIP # 11.0902

40 Clock Hours

5 weeks (weekend – Day)

Course Description



This course is a part of the Cloud Architect Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

This Azure Architect Design course covers the more advanced activities on the Azure platform, such as managing Azure resources, configuring and deploying virtual machines and networks, mastering Azure AD, and securing data. You will also learn how to identify data storage options, integrate SaaS service on Azure, author deployments, and more. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.



BIG DATA ENGINEER

Certification Program

CIP # 30.7001

288 Clock Hours

15 weeks (weekdays - Evening) | 30 weeks (weekend - Day)

PROGRAM DESCRIPTION:

The Big Data Engineer program like Data Scientist program, is an instructor-led online virtual program is designed by renowned industry leaders for individuals who seek to enhance their technical skills or pursue a new career in Big Data space which has a significant impact on businesses globally, in a wide range of industries such as healthcare, insurance, transport, logistics, and customer service. This program is a perfect mix of self-paced online videos/tutorials and live virtual classes. Big Data Engineer program at MTSS Education will teach you on how to apply leading tools and expert techniques to store, manage, process, and analyze large data sets. You will have privilege to learn to develop data-driven business strategies and gain in-demand skills in Data Model Creation, Database Interfaces, Advanced Architecture, Spark, Scala, RDD, SparkSQL, Spark Streaming, Spark ML, GraphX, Sqoop, Flume, Pig, Hive, Impala, Kafka Architecture and more. The Big Data Engineer course curriculum will give you hands-on experience connecting Kafka to Spark and working with Kafka Connect. Students or IT professionals at MTSS Education will be catered an exciting learning experience and real-world applications, mastering with essential skills required to enter in Big Data Engineer role. This program will be taught completely online using an online platform learning environment.

After successfully completing the program, graduates will be awarded a certificate from MTSS Education.

Program Goals of the Big Data Engineer Program

- Gain insights on how to improve business productivity by processing Big Data on platforms that can handle its volume, velocity, variety, and veracity.
- Launch and configure an Amazon EMR cluster
- Master the various components of the Hadoop ecosystem, such as Hadoop, Yarn, MapReduce, Pig, Hive, Impala, HBase, ZooKeeper, Oozie, Sqoop, and Flume
- Become an expert in MongoDB by gaining an in-depth knowledge of NoSQL and mastering the skills of data modeling, ingestion, query, sharding, and data replication.
- Leverage common programming frameworks available for Amazon EMR including Hive, Pig, and Streaming
- Comprehend and manage costs and security for a big data solution.
- Get a solid understanding of the fundamentals of the Scala language, it's tooling and the development process.
- Use in-memory analytics with Spark on Amazon EMR
- Identify AWS concepts, terminologies, benefits, and deployment options to meet the business requirements.
- Analyze and transform big data using Kinesis Streams.
- Visualize data and perform queries using Amazon QuickSight.



Course Name	Theory/ Hands-on training hours
Big Data for Data Engineering	1
Big Data Hadoop and Spark Developer	84
PySpark Training	3
MongoDB Developer and Administrator	56
Apache Kafka	10
AWS Technical Essentials	17
AWS Big Data Certification Training	61
Big Data Capstone	56
Program Total	288

Prerequisite: A high school graduate and at least 17 years of age.



BIG DATA ENGINEER COURSES

BIG DATA HADOOP AND SPARK DEVELOPER

Certification Course

CIP # 30.7001

84 Clock Hours

5 weeks (weekdays - Evening) | 10 weeks (weekend - Day)

Course Description

This course is a part of the Big Data Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

The Big Data Hadoop certification training is designed to give you an in-depth knowledge of the Big Data framework using Hadoop and Spark. In this hands-on Hadoop course, you will execute real-life, industry-based projects using Integrated Lab. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

MONGODB DEVELOPER AND ADMINISTRATOR

Certification Course

CIP # 30.7001

56 Clock Hours

6 weeks (weekend - Day)

Course Description

This course is a part of the Big Data Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

MongoDB certification course makes you job-ready by helping you master data modeling, ingestion, query, sharding, and data replication with MongoDB, along with installing, updating, and maintaining the MongoDB environment. You will also gain proficiency in MongoDB configuration and backup methods as well as monitoring and operational strategies. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.

AWS BIG DATA CERTIFICATION TRAINING

Certification Course

CIP # 30.7001

61 Clock Hours

7 weeks (weekend - Day)

Course Description

This course is a part of the Big Data Engineer Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

In this AWS Big Data certification course, you will become familiar with the concepts of cloud computing and its deployment models. This course covers Amazon's AWS cloud platform, Kinesis Analytics, AWS big



data storage, processing, analysis, visualization and security services, machine learning algorithms and much more. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.



BUSINESS ANALYST

Certification Program

CIP # 30.7102

109 Clock Hours

11 weeks (weekdays - Evening) | 14 weeks (weekend - Day)

PROGRAM DESCRIPTION:

The Business Analyst program, an instructor-led online virtual program is designed by industry leaders for individuals who seek to enhance their technical skills or pursue a new career as a Business Analyst. The Business Analyst tools and techniques are amongst the most demanding and highly compensated digital skills. Students or industry professional coming to MTSS Education can accelerate their career with our acclaimed Business Analyst Program, featuring the blended mix of theoretical and hands-on manner with real-world projects and extensive hands-on practicum. This program is a perfect mix of self-paced online videos/tutorials and live virtual classes. Students or IT professionals at MTSS Education will be catered an exciting learning experience and real-world applications, mastering with essential Business analysis skills. At the end of the program, you will have detailed exposure to concepts including business analysis planning and monitoring, data analysis and statistics, visualizations, Agile Scrum methodologies, and SQL databases. This program will be taught completely online using an online platform learning environment.

After successfully completing the program, graduates will be awarded a certificate from MTSS Education.

Program Goals of the Business Analyst Program

- Present visual insights with dashboards in Excel.
- Perform statistical analysis.
- Apply statistical tools and concepts like moving average, hypothesis testing, ANOVA, and regression to data sets using Excel.
- Understand the tools and techniques used in business analytics planning and monitoring.
- Master the concepts of requirements life cycle management.
- Analyse data using Tableau and become proficient in building interactive dashboards.
- Master the Agile Scrum project management approach.
- Analyse data with formulas and functions.
- Understand business analysis key concepts and business analysis core concept model (BACCM)
- Acquire advanced knowledge of identifying, defining, assessing, and completing various elements of business analysis tasks.
- Master SQL concepts such as Universal Query Tool (UQT) and SQL command
- Plan, execute, monitor, and track Scrum projects.
- Absorb agile philosophy and gain deep knowledge of scrum.
- Effectively apply Scrum in your organizations.



Course Name	Theory/ Hands-on training hours
Introduction to Business Analysis	1
Certified Business Analysis Professional (CBAP®)	41
Agile Scrum Master	29
Business Analytics with Excel	7
SQL Training	7
Tableau Training	7
Business Analyst Capstone	16
Program Total	109

Prerequisite: A high school graduate and at least 17 years of age.



BUSINESS ANALYST COURSES

CERTIFIED BUSINESS ANALYSIS PROFESSIONAL (CBAP®)

Certification Course

CIP # 30.7102

41 Clock Hours

4 weeks (weekdays - Evening) | 8 weeks (weekend - Day)

Course Description

This course is a part of the Business Analyst Program, the student can enroll for this course and be eligible to get a separate certificate upon completion.

This CBAP certification training helps you master the highest skills of business analysis including advanced documentation, effective planning, and the design of business solutions. Covering the core concepts of business analysis and the six knowledge areas of the BABOK® Guide Version 3, this CBAP course prepares you to ace the IIBA-CBAP exam. This course will be taught completely online using an online platform learning environment.

After successfully completing the course, graduates will be awarded a certificate from MTSS Education.



STAFF AND CATALOG INFORMATION

CONTACT INFORMATION

Front Desk

General information and student requests

908-222-8055

contact@mtssedu.com

Admissions Department

Enrollment, applications, credit transfers, and re-enrollment

908-222-8055

admissions@mtssedu.com

Academics Department

Academics, grades, attendance, Leave of Absence, etc.

908-222-8055

academics@mtssedu.com

Bursar Office

Student payment plans, payment processing, and late payment fees

908-222-8055

accounts@mtssedu.com

Career Services

Career guidance, job search support, certification exam assistance, etc.

908-222-8055

career@mtssedu.com



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