

**CA Trade Academy  
2409 So. Vineyard Ave. #F Ontario, CA 91761  
Office: (562) 387-2889**

**Catalog of Courses  
January 1, 2020 to December 31, 2020**

Institutional Mission and Objectives	1
Catalog Update Policy	1
Policy – Distribution of This Catalog and Program Brochures	1
Instructional Location	1
BPPE Approval	1
Financial Stability – Bankruptcy History	1
Review Documents	1
Description of the Facilities	1
Library Resources	2
Questions	2
Complaints	2
<b>NOTICE CONCERNING TRANSFERABILITY OF CREDITS</b>	2
Admissions Policies & Recognition of Credits	2
Visa Related Services	2
Language Proficiency	3
Language of Instruction	3
English as a Second Language Instruction	3
Accreditation Status	3
STRF Disclosure	3
Privacy Act	3
Student Conduct	4
Nondiscrimination Policy	4
Academic Freedom	4
Sexual Harassment	4
Student’s Right to Cancel	4
Policies and Procedures Regarding Financial Aid	5
Loan Repayment	5
Financial Aid Disclosures	5
Grades and Standards for Student Achievement - Satisfactory Progress	5
Attendance Policy – All Programs	5
Academic Probation and Dismissal Policies	6
Leaves of Absence	6
Student Grievance Procedures – Student Rights	6
Student Services	7
Placement Services	7
Student Housing	8
Student Records and Transcripts	8
Professions – Requirements for Eligibility for Licensure	8
Charges: Tuition & Fees	9
Faculty	9
Programs	12

## **Institutional Mission and Objectives**

The mission of CA TRADE ACADEMY is to support all students in achieving their full educational potential in an environment of academic excellence. The institution will provide access to quality educational programs, focusing on student success within a climate of integrity and respect. Our goal is to have each student acquire the essential attributes and skills necessary to obtain employment as professionals in the field of information technology including specialized healthcare settings, empowering individuals with professional skills to achieve higher levels in career excellence in their chosen specialty. We will earn this reputation by consistently exceeding the expectations of our students, our staff, and our community.

The objective of CA Trade Academy is to develop professional qualities in each of our students, to teach those subject areas which are most needed and emphasize those most needed for success and to provide instruction that will enable each student to progress as rapidly as capability permits.

## **Catalog Update Policy**

The policy of this institution is to update the official school catalog annually, in May of each year.

Annual updates may be made by the use of supplements or inserts accompanying the catalog. If changes in educational programs, educational services, procedures, or policies required to be included in the catalog by statute or regulation are implemented before the issuance of the annually updated catalog, those changes shall be reflected at the time they are made in supplements or inserts accompanying the catalog.

## **Policy – Distribution of This Catalog and Program Brochures**

This institution makes its current catalog and current program brochures available to the public at no charge. Individuals who wish to obtain a copy can make arrangements by simply calling the school's office or going to the school's website.

## **Instructional Location**

CA Trade Academy

2409 So. Vineyard Ave. #F, Ontario, CA 91761

Office: (562) 387-2889

## **BPPE Approval**

This institution is a private institution approved to operate by the California Bureau for Private Postsecondary Education. (BPPE) Approval to operate means the institution is compliant with minimum standards contained in the California Private Postsecondary Education Act of 2009 (as amended) and Division 7.5 of title 5 of the California code of Regulations.

## **Financial Stability – Bankruptcy History**

This institution has not had a pending petition in bankruptcy, is not operating as a debtor in possession and has not filed a bankruptcy petition within the preceding five years nor has had a petition in bankruptcy filed against it within the preceding five years that resulted in reorganization under chapter 11 of the United States Bankruptcy Code

## **Review Documents**

As a prospective student, you are encouraged to review this catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet, which must be provided to you prior to signing an enrollment agreement.

## **Description of the Facilities & Equipment**

The school is located on the first floor of a office building in a business park in the city of Upland. The school facility is approximately 1,400 square feet with sufficient parking available in the rear of the building. The administrative area is divided into a reception area, two administrative offices. Restrooms are available in the courtyard. Instruction is provided in the primary classroom and online. At the present time the computer classroom is equipped with modern and currently in use systems including laptops, and standard peripherals.

## **Complaints**

A student, or any member of the public, may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling toll free (888) 370-7589 or by completing a complaint form, which can be obtained on the bureau's Internet web site [www.bppe.ca.gov](http://www.bppe.ca.gov).

## Equipment Used for Instruction

CA Trade Academy has sufficient facilities and necessary equipment to support the achievement of the educational objectives of all of the courses and educational programs in which students are enrolled.

Each and every student is provided with PC computers running the latest version of Windows operating System comparable in model type and features to equipment generally used by Software Development companies at the time the instruction is offered. The equipment is professionally maintained and upgraded by the School employees.

CA Trade Academy makes sure that the equipment used for instruction or provided to a student is not obsolete and is sufficient for instructional purposes to reasonably assure that a student acquires the necessary level of education, training, skill, and experience to obtain employment in the field of training and to perform the tasks associated with the occupation or job title to which the educational program was represented to lead. Student attending our programs online in real time must provide their own computer and software equivalent to the configuration required. Access to such configuration will be provided to the student prior to their enrollment in any program.

## Library Resources

No formal library is needed to meet the instructional needs of the students. General library materials would not be compatible with the objectives of this program as the acquisition of specialized knowledge is the essential element for completion of the programs offered. Learning resources provided include access to books, periodicals, videos, and access to specially selected internet sources of information which support the learning objectives of the programs offered. Student may access learning resources by asking any staff member during normal business hours or sending an email to [MonaLawson@msn.com](mailto:MonaLawson@msn.com). Staff members are also available to provide research assistance.

## Questions

Any questions a student may have regarding this catalog that have not been satisfactorily answered by the institution may be directed to the Bureau for Private Postsecondary Education at 1747 N. Market Blvd. Ste 225 Sacramento, CA 95834 P.O. Box 980818, West Sacramento, CA 95798-0818 Web site Address: [www.bppe.ca.gov](http://www.bppe.ca.gov) Telephone and Fax #'s: (888) 370-7589 or by fax (916) 263-1897 (916) 574-8900 or by fax (916) 263-1897

## NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at CA Trade Academy is at the complete discretion of an institution to which you may seek to transfer. If the certificate that you earn at this institution is not accepted at the institution to which you seek to transfer, you may be required to repeat some or all of your coursework at that institution. For this reason, you should make certain that your attendance at this institution will meet your educational goals. This may include contacting an institution to which you may seek to transfer after attending CA Trade Academy to determine if your certificate will transfer. There has been no arrangements with any other institutions. CA Trade Academy does not accept any transfer of credits from any other institutions and does not accept any challenge or benefit tests. There has been no articulation agreement with any institution. Acceptance of the certificate you earn in the educational program is also at the complete discretion of the institution to which you may seek to transfer.

## Admissions Policies & Recognition of Credits

- Student must have preferably graduated from high school, or earned a GED equivalent.
- Student must pay all applicable fees, as per the current published fee schedule at the time of the signing or entering into an enrollment contract or make other arrangements acceptable to the school.
- This institution does not award credit for satisfactory completion of CLEP or other comparable examinations. This institution does not award credit for experiential learning.
- No Ability to Benefit Students will be admitted.
- This institution has not entered into an articulation or transfer agreement with any other institution.

## Pre-requisite Certifications for admission to the Microsoft Certified Solution Associate and Expert

MCSE: Cloud Platform and Infrastructure

MCSA: Cloud Platform

MCSE: Productivity

(MCSA): Office 365 certification

MCSE: Data Management and Analytics

- One of the following:  
MCSA: SQL Server
- MCSA: SQL 2016 Database Administration
- MCSA: SQL 2016 Database Development
- MCSA: SQL 2016 Business Intelligence Development

### **Visa Related Services**

This institution does not admit students from other countries, so no visa related services are offered.

### **Language Proficiency**

For a student whose high school or equivalent coursework was not completed in English, and for whom English was not a primary language, the student must attain qualifying score of 97 on the CELSA. This requirement does not apply to students who have received their high school diploma or the equivalent at an academic institution which has provided the instruction in the English language. Similarly, this requirement does not apply to students who have completed coursework, in English, at the college level.

### **Language of Instruction**

Instructions are available in English only. Students can receive one on one translations as needed from Spanish.

### **English as a Second Language Instruction**

This institution does not provide ESL instruction.

### **Accreditation Status**

This institution is not accredited by an accrediting agency recognized by the United States Department of Education. These programs do not lead to licensure in California or other states. A student enrolled in an unaccredited institution is not eligible for federal financial aid.

### **STRF Disclosure**

“The State of California established the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic loss suffered by a student in an educational program at a qualifying institution, who is or was a California resident while enrolled, or was enrolled in a residency program, if the student enrolled in the institution, prepaid tuition, and suffered an economic loss. Unless relieved of the obligation to do so, you must pay the state-imposed assessment for the STRF, or it must be paid on your behalf, if you are a student in an educational program, who is a California resident, or are enrolled in a residency program, and prepay all or part of your tuition.

You are not eligible for protection from the STRF and you are not required to pay the STRF assessment, if you are not a California resident, or are not enrolled in a residency program.”

“It is important that you keep copies of your enrollment agreement, financial aid documents, receipts, or any other information that documents the amount paid to the school. Questions regarding the STRF may be directed to the Bureau for Private Postsecondary Education, 1747 N. Market Blvd., Suite 225, Sacramento, CA 95834, (916) 431-6959 or (888) 370-7589.

To be eligible for STRF, you must be a California resident or are enrolled in a residency program, prepaid tuition, paid or deemed to have paid the STRF assessment, and suffered an economic loss as a result of any of the following:

1. The institution, a location of the institution, or an educational program offered by the institution was closed or discontinued, and you did not choose to participate in a teach-out plan approved by the Bureau or did not complete a chosen teach-out plan approved by the Bureau.
2. You were enrolled at an institution or a location of the institution within the 120 day period before the closure of the institution or location of the institution, or were enrolled in an educational program within the 120 day period before the program was discontinued.
3. You were enrolled at an institution or a location of the institution more than 120 days before the closure of the institution or location of the institution, in an educational program offered by the institution as to which the Bureau determined there was a significant decline in the quality or value of the program more than 120 days before closure.
4. The institution has been ordered to pay a refund by the Bureau but has failed to do so.
5. The institution has failed to pay or reimburse loan proceeds under a federal student loan program as required by law, or has failed to pay or reimburse proceeds received by the institution in excess of tuition and other costs.
6. You have been awarded restitution, a refund, or other monetary award by an arbitrator or court, based on a violation of this chapter by an institution or representative of an institution, but have been unable to collect the award from the institution.

7. You sought legal counsel that resulted in the cancellation of one or more of your student loans and have an invoice for services rendered and evidence of the cancellation of the student loan or loans.

To qualify for STRF reimbursement, the application must be received within four (4) years from the date of the action or event that made the student eligible for recovery from STRF.

A student whose loan is revived by a loan holder or debt collector after a period of non-collection may, at any time, file a written application for recovery from STRF for the debt that would have otherwise been eligible for recovery. If it has been more than four (4) years since the action or event that made the student eligible, the student must have filed a written application for recovery within the original four (4) year period, unless the period has been extended by another act of law.

However, no claim can be paid to any student without a social security number or a taxpayer identification number.

### **Privacy Act**

It is this institution's intent to carefully follow the rules applicable under the Family Education Rights and Privacy Act. It is our intent to protect the privacy of a student's financial, academic and other school records. We will not release such information to any individual without having first received the student's written request to do so, or unless otherwise required by law.

### **Student Conduct**

Students are expected to behave professionally and respectfully at all times. Students are subject to dismissal for any inappropriate or unethical conduct or for any act of academic dishonesty. Students are expected to dress and act accordingly while attending this institution. At the discretion of the school administration a student may be dismissed from school for reasons including, but not limited to:

- Coming to class in an intoxicated or drugged state.
- Possession of drugs or alcohol on campus.
- Possession of a weapon on campus.
- Behavior creating a safety hazard to other person(s).
- Disobedient or disrespectful behavior to other students, an administrator or instructor.
- Stealing or damaging the property of another.

Any students found to have engaged in such conduct will be asked to leave the premises immediately. Disciplinary action will be determined by the Chief Executive Officer of this institution and such determination will be made within 10 days after meeting with both the chair of the department in which the student is enrolled and the student in question.

### **Nondiscrimination Policy**

This institution is committed to providing equal opportunities to all applicants to programs and to all applicants for employment. Therefore, no discrimination shall occur in any program or activity of this institution, including activities related to the solicitation of students or employees on the basis of race, color, religion, religious beliefs, national origin, sex, sexual orientation, marital status, pregnancy, age, disability, veteran's status, or any other classification that precludes a person from consideration as an individual. Please direct any inquiries regarding this policy, if any, to the Chief Operations Officer who is assigned the responsibility for assuring that this policy is followed.

### **Academic Freedom**

CA College of Arts and Technology is committed to assuring full academic freedom to all faculty. Confident in the qualifications and expertise of its faculty members, the college encourages its faculty members to exercise their individual judgments regarding the content of the assigned courses, organization of topics and instructional methods, providing only that these judgments are made within the context of the course descriptions as currently published, and providing that the instructional methods are those official sanctioned by the institution, methods for which the institution has received oversight approval.

CA Trade Academy encourages instructors and students to engage in discussion and dialog. Students and faculty members alike are encouraged to freely express views, however controversial, as long as they believe it would advance understanding in their specialized discipline or sub-disciplines.

### **Sexual Harassment**

This institution is committed to providing a work environment that is free of discrimination, intimidation and harassment. In keeping with this commitment, we believe that it is necessary to affirmatively confront this subject and express our strong disapproval of sexual harassment. No one associated with this institution may engage in verbal abuse of a sexual nature; use

sexually degrading or graphic words to describe an individual or an individual's body; or display sexually suggestive objects or pictures at any facility or other venue associated with this institution. Students are responsible for conducting themselves in a manner consistent with the spirit and intent of this policy.

### **Student's Right to Cancel**

The student has the right to cancel the enrollment agreement and obtain a refund of 100% of charges paid through attendance at the first class session, or the seventh day after enrollment, whichever is later. A notice of cancellation for the current term of from the school shall be in writing and submitted to the school administrative office. Cancellation is effective on the date written notice of cancellation is received to the school administrative office at 2409 So. Vineyard #F Ontario, CA 91761 or by email to [MonaLawson@msn.com](mailto:MonaLawson@msn.com). If the student has received federal student financial aid funds, the student is entitled to a refund of moneys not paid from federal student financial aid program funds.

A withdrawal for the current term or from the school may be effectuated by the student's written notice or by the student's conduct, including, but not necessarily limited to, a student's lack of attendance. The institution shall refund 100 percent of the amount paid for institutional charges, if notice of cancellation is made through attendance at first class session, or the seventh day after enrollment, whichever is later.

The institution shall issue a refund for unearned institutional charges if the student cancels an enrollment agreement or withdraws during a period of attendance. The refund policy for students who have completed 60 percent or less of the period of attendance shall be a pro rata refund. The institution shall pay or credit refunds within 45 days of a student's cancellation or withdrawal.

### **Refund Policy**

If the student cancels an enrollment agreement or withdraws during a period of attendance, the refund policy for students who have completed 60 percent or less of the period of attendance shall be a pro rata refund. A pro rata refund pursuant to section 94919(c) or 94920(d) or 94927 of the code shall be no less than the total amount owed by the student for the portion of the educational program provided subtracted from the amount paid by the student, calculated as follows:

The amount owed equals the daily charge for the program (total institutional charge, divided by the number of days or hours in the program), multiplied by the number of days student attended, or was scheduled to attend, prior to withdrawal.

For purposes of determining a refund, a student shall be considered to have withdrawn from an educational program when he or she withdraws or is deemed withdrawn in accordance with the withdrawal policy stated in this institution's catalog. You must exercise your right to cancel or withdraw on or before this date: \_\_\_\_\_ //

If an institution has collected money from a student for transmittal on the student's behalf to a third party for a bond, library usage, or fees for a license, application, or examination and the institution has not paid the money to the third party at the time of the student's withdrawal or cancellation, the institution shall refund the money to the student within 45 days of the student's withdrawal or cancellation. If the student has received federal student financial aid funds, the student is entitled to a refund of moneys not paid from federal student financial aid program funds. This institution shall refund any credit balance on the student's account within 45 days after the date of the student's completion of, or withdrawal from, the educational program in which the student was enrolled.

### **Policies and Procedures Regarding Financial Aid**

The school does not participate in either State or Federal financial aid programs, nor does it provide financial aid directly to its students. A student enrolled in an unaccredited institution is not eligible for federal financial aid programs.

### **Loan Repayment**

If a student obtains a loan to pay for an educational program, the student will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund, and that, if the student has received federal student financial aid funds, the student is entitled to a refund of the money's not paid from federal student financial aid program funds.

### **Financial Aid Disclosures**

If a student obtains a loan to pay for an educational program, the student will have to repay to repay the full amount of the loan plus interest, less the amount of any refund, and that, if the student has received federal student financial aid funds, the student is entitled to a refund of the money not paid from federal student financial aid program funds.

## Grades and Standards for Student Achievement

Grades are awarded on a traditional A, B, C, D, F system. The minimum passing grade is a C. The minimum allowable grade point average to maintain satisfactory progress is a C, or 2.0. In calculating a student's grade point average, the following policy applies:

90% to 100%	= A	4 Grade Points
80% to 89%	= B	3 Grade Points
70% to 79%	= C	2 Grade Points
60% to 69%	= D	1 Grade Point
0 to 59%	= F	0 Grade Points

## Attendance Policy – All Programs

Students are required to attend more than 85% of the scheduled sessions throughout the entire program. When a student falls below 90% attendance, they will be given a verbal warning by their instructor. When a student falls below 85% attendance they will be placed on probation for the remainder of the program. The student will be notified of their probation status and they will be required to meet with the Chief Academic Officer. Students who arrive to class more than 10 minutes after the class is scheduled to commence will receive an unexcused absence for that class period, subject to review by the instructor.

## Holiday Schedule

CA TRADE ACADEMY observes the following holidays and class is not conducted on the holidays

- New Year's Day
- Martin Luther King Jr Day
- Columbus Day
- President's Day ● Labor Day
- Good Friday
- Easter
- Memorial Day
- Independence Day and before and after Day
- Thanksgiving November 25, 26, 27, 28, 2021
- Winter Break December 21, 2021 to January 4, 2022

## Academic Probation and Dismissal Policies

The Chief Academic Officer may place a student on academic probation if the student is not making satisfactory academic progress as per this institution's published policy. The student's grade point average will be monitored at the end of each enrollment period as the grades are posted. Should the student's GPA fall below that required for graduation, a student may be placed on academic probation. This will result in a formal advisory, which will be sent to the student by mail, explaining the reason for the probation. If the student wishes to appeal the formal advisory, the student is to submit a written request for an administrative academic review to the school main campus:

CA Trade Academy  
2409 So. Vineyard Ave. #F Ontario, CA 91761

After the completion of the currently enrolled term, the student will have two additional terms to bring his or her grade point average up to or exceeding the minimum standard of the institution. Thereafter, the student's failure to achieve satisfactory academic progress may result in dismissal from the program. The Chief Academic Officer will offer assistance in locating a suitable tutor, should such service be requested by the student. Any student seeking a tutor is financially responsible for the cost of all such tutoring.

For students that are distance learning, a student has two weeks from the due date to respond to instructors between the institutions receipt of student lessons, projects or dissertations and the institutions mailing of its response or evaluation **will be five days.**

## Leaves of Absence

Should circumstances be such that a leave of absence is to be requested, a student must submit an application for a leave of absence to the main campus:

CA Trade Academy  
2409 So. Vineyard Ave. #F Ontario, CA 91761



The written notice must contain a statement of the nature of the request. At the discretion of the Chief Academic Officer, a leave may be granted for a reasonable time, as warranted by the circumstances. If a student repeatedly resorts to the use of a leave of absence, and if such applications show a pattern of delays, or should the issuance of a leave of absence be such that it would significantly interfere with the planned completion of a program of study, the Chief Academic Officer may, in his/her sole discretion, dismiss a student from the program and issue the appropriate refunds as may be required.

### **Student Grievance Procedures – Student Rights**

Most problems or complaints that students may have with the school or its administrators can be resolved through a personal meeting with the student's instructor or a counselor. If, however, this action does not resolve the matter to the satisfaction of the student, he/she may submit a written complaint to the main campus at CA Trade Academy, 2409 So. Vineyard Ave. #F, Ontario, CA 91761 or via email to [MonaLawson@msn.com](mailto:MonaLawson@msn.com)

The written complaint must contain a statement of the nature of the problem, the date the problem occurred, the names of the individuals involved, copies of documents if any, which contain information regarding the problem, evidence demonstrating that the institution's complaint procedure was properly followed, and the student's signature. The student can expect to receive a written response within ten business days. Student's rights are set forth at various places in this catalog. Contact the school director if you require additional information.

- Complaint procedures
- Right to Cancel
- Student Tuition Recovery Fund
- Notice Concerning Transferability of Credits
- Student Grievance Procedures
- Student Rights to Inspect Records and Obtain Transcripts
- Non-Discrimination Policy
- Academic Freedom
- Sexual Harassment

### **Student Services**

This institution does not provide orientations, airport reception services, housing assistance or other services. Further, this institution maintains a focus on the delivery of educational services. Should a student encounter personal problem which interfere with his or her ability to complete coursework, this institution will provide assistance in identifying appropriate professional assistance in the student's local community but does not offer personal counseling assistance.

### **Placement Services**

This institution provides job placement assistance.

### **Student Housing**

This institution has no responsibility to find or assist a student in funding housing.

This institution does not operate dormitories or other housing facilities. This institution does not provide assistance nor does it have any responsibility to assist students in finding housing. Housing in the immediate area is available in two story walkup and garden apartments. Monthly rent for a one-bedroom unit is approximately \$1,500 a month. ([www.apartmentguide.com](http://www.apartmentguide.com))

### **Student Records and Transcripts**

Student records for all students are kept for five years. Transcripts are kept permanently. Students may inspect and review their educational records. To do so, a student should submit a written request identifying the specific information to be reviewed. Should a student find, upon review, that records that are inaccurate or misleading, the student may request that errors be corrected. In the event that a difference of opinion exists regarding the existence of errors, a student may ask that a meeting be held to resolve the matter. Each student's file will contain student's records, including a transcript of grades earned. The first copy of the official transcript is provided at no charge. Subsequent copies are available upon advance payment of the transcript fee of \$25.00 for two copies. Transcripts will only be released to the student upon receipt of a written request bearing the student's live signature. No transcript will be issued until all tuition and other fees due the institution are paid current.

### **Professions – Requirements for Eligibility for Licensure**

None of the educational services offered lead to occupations that require licensure.

The student will be prepared to take the appropriate COMPTIA certification exam. No approval from COMPTIA, Microsoft or CISCO is required to provide instruction in these courses.

**Charges: Tuition & Fees+**

All fees are subject to change from time to time, without notice.

Program Name	Tuition	Registration Fee*	STRF* (\$2.50/\$1,000)	Books & Materials	Total Program Charges
<b>CompTIA Network &amp; Security Certified IT Professional</b>	\$5,999	\$0	\$15.00	\$0	\$6,014
<b>Cisco Certified IT Professional</b>	\$5,999	\$0	\$15.00	\$0	\$6,014
<b>Microsoft Office Specialist</b>	\$5,999	\$0	\$15.00	\$0	\$6,014
<b>Microsoft Certified Solution Associate and Expert</b>	\$5,999	\$0	\$15.00	\$0	\$6,014

\* denotes non-refundable charge

Program Name	
<b>CompTIA Network &amp; Security Certified IT Professional</b>	
<u>TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE</u>	\$6,014
<u>ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM</u>	\$6,014
<b>Cisco Certified IT Professional</b>	
<u>TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE</u>	\$6,014
<u>ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM</u>	\$6,014
<b>Microsoft Office Specialist</b>	
<u>TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE</u>	\$6,014
<u>ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM</u>	\$6,014
<b>Microsoft Certified Solution Associate and Expert</b>	
<u>TOTAL CHARGES FOR CURRENT PERIOD OF ATTENDANCE</u>	\$6,014
<u>ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM</u>	\$6,014

**Faculty**

All faculty members possess highly technical proven track records with at least three years of professional experience in the relevant field of instruction and certified by the required organizations. All the faculty members will be up to date with the new requirements and adapt to the latest trends in the industry through regular updates to their skill set either through conferences, continuing education programs.

**Professors**

**Joseph Henson** is the President and Producer for TAIF, the largest theatre company in the Inland Empire. Mr. Henson has managed the California Theatre of the Performing Arts Center since 1999 and the Sturges Center for the Fine Arts since 2010.

Mr. Henson has served as presenter for numerous top headliners including Michael Bolton, Brian Setzer Orchestra, Amy Grant, Penn & Teller, Young Frankenstein, Frankie Valli, Bernadette Peters, The Producers, Rent, the Moscow Ballet and over 100 other celebrity performers.

His television producing credits for Showtime include Ian Bagg: Getting to Know You, Monique Marvez: Not Skinny, Not Blonde, Bill Belamy's Ladies Night Out Comedy Tour, Melanie Cormarcho: Hello!, Anthony Clark: Ambiguous, Steve Trevino: Grandpa Joe's Son, Willie Barcena: I Gotta Be Honest, Jay Mohr: Funny for a Girl, Rita Rudner and 3 potential ex-husbands, Snoop Dogg presents The Bad Girls of Comedy, Louie Anderson Presents, Caroline Rhea & Friends, Tom Arnold: That's my Story and I'm Sticking to it, The Payaso Comedy Slam, The Latin Divas of Comedy.

Along with TAF producer Allen Evenson, Mr. Henson has produced the national and international tours of Little Shop of Horrors, HMS Pinafore, Pirates of Penzance, The Mikado, The Christmas Box, Beauty and the Beast, Caution: Men at Work TAP, On Golden Pond with Jack Klugman appearing in over 160 cities in the US and 5 countries as well as 400 stage productions. Mr. Henson has

also produced numerous seasons at the Pechanga Resort and Casino, the Kodak (now Dolby) Theatre in Hollywood, the Center for the Arts Escondido, and the California Theatre of the Performing Arts.

Mr. Henson has provided marketing support to the Sinfonia Mexicana, The Inland Dance Theatre, Performance/Riverside, San Bernardino Civic Light Opera, the Civic Light Opera of the South Bay Cities, Starlight Musical Theatre in San Diego, the Pacific Symphony Orchestra in Orange County, the Bakersfield Music Theatre and the Wilshire Theatre in Beverly Hills.

Mr. Henson has a strong marketing and sales background and uses the latest social networking online sites such as Facebook and iPhone/mobile Apps, as well as print media, billboards and other media to create strong marketing programs that result in well attended performances, high ticket sales and solid return on investment (ROI).

Feature films include Court of Appeals (Writer/Director) The Invisible Man (Producer/Writer/Lead Director), The Enchanted Cottage (Lead Director, Producer Writer, Winner F.A.M.E. US International Film Fest, Riverside International Film Festival, Noho International Film Festival), Lady Windermere's Fan (Producer, Lead Director), W.I.B. (Producer), Shadows (Producer, Director, Writer).

Mr. Henson holds a Bachelor of Arts in Drama from the University of Southern California (USC) and a Master of Arts Degree in Organizational Leadership from Azusa Pacific University.

Contact Information:

Email: [jbond007@gmail.com](mailto:jbond007@gmail.com)

Phone: (951) 313-1810

**Allen Evenson** Producer, Presenter, Film Maker, Film Instructor, Theatre Instructor and Operation Manager for Theatrical Arts International Foundation (TAIF). Mr. Evenson has been Operation Manager of the California Theatre of the Performing Arts since 1999 and Sturges Center for the Fine Arts since 2010. He was General Manager for Performance Riverside at the Landis Performing Arts Center for 20 years from 1977 through 1997.

Mr. Evenson served as presenter and Technical Advisor to the City of San Bernardino for numerous top headliners including Michael Bolton, Brian Setzer Orchestra, Penn & Teller, Young Frankenstein, Frankie Valli, Bernadette Peters, Beauty and the Beast, Blue Man Group, Les Miserables, The Producers, Rent, the Moscow Ballet and over 100 other shows.

Mr. Evenson is the executive producer of 16 stage-to-television productions shot live at the California Theatre and presented on the Showtime network starring such celebrities as Tom Arnold, Snoop Dogg, Louie Anderson and Jon Lovitz. Two stage-to-television productions shot live at the California Theatre and presented on the Showtime network The Latin Divas of Comedy and The Payaso Comedy Slam. Two PBS Specials. Executive producer of five movie features including: Lady Windermere's Fan, Enchanted Cottage, Invisible Man

Along with TAIF producer Joseph Henson, Mr. Evenson has produced the national and international tours of Little Shop of Horrors, HMS Pinafore, Pirates of Penzance, The Mikado, The Christmas Box, Beauty and the Beast, Caution: Men at Work TAP, On Golden Pond with Jack Klugman appearing in over 160 cities in the US and five countries. Mr. Evenson has also produced numerous seasons at the Pechanga Resort and Casino, the Kodak (now Dolby) Theatre in Hollywood, the Center for the Arts Escondido and the California Theatre of the Performing Arts.

Mr. Evenson has provided technical expertise to Harmony Artists, Plan-B-Entertainment, The Big Bear Performing Arts Center, The Starlight Civic Light Opera, The Mission Inn, The Old Elsinore Theatre (in Salem Oregon), The McCallum Theatre, The Sinfonia Mexicana, Bakersfield Civic light Opera, Performance Riverside at the Landis Performing Arts Center and the San Bernardino Civic Light Opera. Having begun his career in education he has kept the venues he has managed on the cutting edge of technology.

Mr. Evenson holds a Bachelor of Arts in Theatre from California State University, San Bernardino and a Masters Degree in Theatre from the University of California, Riverside.

Contact Information:

Email: [allentheatre@gmail.com](mailto:allentheatre@gmail.com)

Phone: (951) 757-2607

**Jesse Dinkel** is a theatre producer and filmmaker. He has produced over 100 plays, musicals and concerts throughout Southern California.

His company Worldwide Theatricals, has presented many top industry acts such as Joan Rivers, Collin Raye, Restless Heart, The Shanghi Acrobats of China, Moscow Festival Ballet's Giselle, International superstar Charo, Rita Coolidge, Michael Londra's Celtic Fire, and iL Circo's Viaggio.

As a stage producer Jesse has produced Dreamwork's Shrek, Monty Python's Spamalot, West Side Story, Fiddler on the Roof, Hairspray, Sweeney Todd, Disney's The Hunchback of Notre Dame, Mel Brooks' The Producers, Rent, and Miss Saigon. He has also produced the feature films, Lady Windermere's Fan, The Enchanted Cottage and The Invisible Man.

TV credits as Associate Producer include Ian Bagg: Getting to F\*\*king Know You (TV Special documentary), Monique Marvez: Not Skinny Not Blonde (TV Special documentary) Bill Bellamy's Ladies Night Out Comedy Tour (TV Special documentary) Melanie Comarcho: Hello! (TV Special documentary) Anthony Clark: Ambiguous (TV Special documentary) Steve Trevino: Grandpa Joe's Son (TV Special documentary) Jay Mohr: Funny for a Girl (TV Special documentary) Rita Rudner and 3 Potential Ex-Husbands (TV Special documentary) Snoop Dogg Presents: The Bad Girls of Comedy (TV Special) Louie Anderson Presents (TV Special documentary) Michael Londra's Beyond Celtic (TV Movie) Legally Brown (TV Special documentary) Jon Lovitz Presents (TV Movie) (associate producer California Theatre) Caroline Rhea & Friends (TV Movie)

In addition to being the president/founder of Worldwide Theatricals, Jesse has worked as an Associate Producer for Theatrical Arts Foundation, and was associate producer for the first ever Broadway Series at the Kodak (now Dolby) theatre in Los Angeles for two seasons.

Contact Information:

Email: [dramaguy@gmail.com](mailto:dramaguy@gmail.com)

Phone: (951) 415-016

## Programs

<b>Name of Program</b>	<b>CompTIA Network &amp; Security Certified IT Professional</b>	
<b>Program Description</b>	This program consists CompTIA advance IT professional courses that enhances skills in area of PC maintenance, networking technologies and Security. The collection contains award winning courseware with breadth and depth across these critical technology subject areas, continually developed to keep up with constantly changing requirements for professional certifications. Upon successful completion student will be able to stand out in competitive job market with his versatile skills and technical depth. IT skills are needed in most companies these days. Continuing education of these courses will help students to stay on top of market need in ever changing technology landscape.	
<b>Program Mission &amp; Objectives</b>	This objective of this program is to teach the student skills in area of PC maintenance, networking technologies and Security. The training will enable the student to stand out in competitive job market with a versatile skill set and technical depth. IT skills are needed in most companies these days. Continuing education of these courses will help students to stay on top of market need in ever changing technology landscape.	
<b>Total Clock Hours</b>	96 Hours	
<b>Is an Externship or Internship Required?</b>	No	
<b>Graduation Requirements</b>	To complete this program a student must complete all prescribed courses.	
<b>Final Tests or Exams</b>	Yes. Students are evaluated through written and performance assessments.	
<b>Module</b>	<b>Module Description &amp; Objectives</b>	<b>Hours</b>
CompTIA A+	<p>In this course, you will acquire the essential skills and information you will need to install, upgrade, repair, configure, troubleshoot, optimize, and perform preventative maintenance of basic personal computer hardware and operating systems. The course will build on your existing user-level knowledge and experience with personal computer software and hardware to present fundamental skills and concepts that you will use on the job</p> <p>At the completion of this course the student will:</p> <ul style="list-style-type: none"> <li>● Identify the hardware components of a computer.</li> <li>● Identify the basic components and functions of an operating system.</li> <li>● Identify the operational procedures that should be followed by PC technicians.</li> <li>● Identify and configure peripheral components.</li> <li>● Manage system components.</li> <li>● Identify and configure operating systems.</li> <li>● Identify the hardware and software requirements for custom client environments.</li> <li>● Identify network technologies.</li> <li>● Identify, configure, and maintain SOHO networks.</li> <li>● Support laptops.</li> <li>● Configure mobile computing devices.</li> <li>● Support printers.</li> <li>● Implement concepts and techniques used to secure computing devices and environments.</li> <li>● Troubleshoot hardware components.</li> <li>● Troubleshoot system-wide issues.</li> </ul>	36

CompTIA Network+	<p>In this course, you will describe the major networking technologies and systems of modern networks, and be able to configure, manage, and troubleshoot modern networks. At the completion of this module you will:</p> <ul style="list-style-type: none"> <li>● Identify basic network theory concepts and major network communications methods.</li> <li>● Describe bounded network media.</li> <li>● Identify unbounded network media.</li> <li>● Identify the major types of network implementations.</li> </ul>	10
	<ul style="list-style-type: none"> <li>● Identify TCP/IP addressing and data delivery methods.</li> <li>● Implement routing technologies.</li> <li>● Identify the major services deployed on TCP/IP networks.</li> <li>● Identify the infrastructure of a WAN implementation.</li> <li>● Identify the components used in cloud computing and virtualization.</li> <li>● Describe basic concepts related to network security.</li> <li>● Prevent security breaches.</li> <li>● Respond to security incidents.</li> <li>● Identify the components of a remote network implementation.</li> <li>● Identify the tools, methods, and techniques used in managing a network.</li> <li>● Describe troubleshooting of issues on a network.</li> </ul>	
CompTIA Security+	<p>In this course you will be introduced to the specific skills required to implement basic security services on any type of computer network. The student will implement, monitor, and troubleshoot infrastructure, application, information, and operational security. At the completion of this course the student will:</p> <ul style="list-style-type: none"> <li>● Identify the fundamental concepts of computer security.</li> <li>● Identify security threats and vulnerabilities.</li> <li>● Manage data, application, and host security.</li> <li>● Implement network security.</li> <li>● Identify and implement access control and account management security measures.</li> <li>● Manage certificates.</li> <li>● Identify and implement compliance and operational security measures.</li> <li>● Manage risk.</li> <li>● Troubleshoot and manage security incidents.</li> <li>● Plan for business continuity and disaster recovery.</li> </ul>	10
Certified Information Systems Security Professional (CISSP)	<p>This course will expand upon your knowledge by addressing the essential elements of the eight domains that comprise a Common Body of Knowledge (CBK)® for information systems security professionals. The course offers a job-related approach to the security process, while providing a framework to prepare for CISSP certification. The skills and knowledge you gain in this course will help you master the eight CISSP domains and ensure your credibility and success within the information systems security field. In this course, you will identify and reinforce the major security subjects from the eight domains of the (ISC)2 CISSP CBK.</p> <ul style="list-style-type: none"> <li>● Analyze components of the Security and Risk Management domain.</li> <li>● Analyze components of the Asset Security domain.</li> <li>● Analyze components of the Security Engineering domain.</li> <li>● Analyze components of the Communications and Network Security domain.</li> <li>● Analyze components of the Identity and Access Management domain.</li> <li>● Analyze components of the Security Assessment and Testing domain. ● Analyze components of the Security Operations domain.</li> <li>● Analyze components of the Software Development Security domain.</li> </ul>	10

<p>Computer Hacking Forensic Investigator (CHFI)</p>	<p>This course will provide participants the necessary skills to identify an intruders footprints and to properly gather the necessary evidence to prosecute in the court of law. Computer forensics enables the systematic and careful identification of evidence in computer related crime and abuse cases. This may range from tracing the tracks of a hacker through a client’s systems, to tracing the originator of defamatory emails, to recovering signs of fraud.</p> <p>At the completion of this module the student will be able to understand:</p> <ul style="list-style-type: none"> <li>● The process of investigating cyber-crimes and the laws involved, as well as details in obtaining a search warrant.</li> <li>● Different types of digital evidence, rules of evidence, digital evidence examination processes, and electronic crime and digital evidence consideration by crime category.</li> <li>● Roles of a first responder, first responder toolkit, securing and evaluating an</li> </ul>	<p>10</p>
	<p>electronic crime scene, conducting preliminary interviews, documenting electronic crime scenes, collecting and preserving electronic evidence, packaging and transporting electronic evidence and reporting the crime scene</p> <ul style="list-style-type: none"> <li>● How to recover deleted files and deleted partitions in Windows, Mac OS X, and Linux</li> <li>● The process involved in forensic investigation using Access Data FTK and Encase Steganography and its techniques, as well as steganalysis, and image file forensics</li> <li>● Password cracking concepts, tools, types of password attacks and how to investigate password protected file breaches.</li> <li>● Different types of log capturing techniques, log management, time synchronization and log capturing tools.</li> <li>● How to investigate logs, network traffic, wireless attacks, and web attacks</li> <li>● How to track e-mails and investigate e-mail crimes and many more</li> </ul>	
<p>CompTIA Cloud Essentials</p>	<p>The CompTIA Cloud Essentials specialty certification demonstrates an individual knows what cloud computing means from a business and technical perspective, as well as what is involved in moving to and governing the cloud.</p> <p>Upon successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> <li>● Learn the fundamental concepts of cloud computing.</li> <li>● Learn the business aspects and impact of cloud computing.</li> <li>● Differentiate the types of cloud solutions and the adoption measures needed for each.</li> <li>● Identify the technical challenges and the mitigation measures involved in cloud computing.</li> <li>● Identify the steps to successfully adopt cloud services.</li> <li>● Identify the basic concepts of ITIL and describe how the ITIL framework is useful in the implementation of cloud computing in an organization.</li> <li>● Identify the possible risks involved in cloud computing and the risk mitigation measures, and you will also identify the potential cost considerations for the implementation of cloud and its strategic benefits.</li> </ul>	<p>10</p>

CompTIA Linux	<p>This course provides the background knowledge and skills needed to be successful in positions that require Linux OS troubleshooting, installation or maintenance and prepares the student to take the CompTIA® Linux+™ Powered by LPI exams (Exam Codes: LX0-103 and LX0-104), in order to become a CompTIA® Linux+™ Certified Professional.</p> <p>Upon successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> <li>● Identify basic Linux concepts and perform basic Linux tasks.</li> <li>● Manage user and group accounts.</li> <li>● Manage partitions and the Linux filesystem.</li> <li>● Manage various files in Linux.</li> <li>● Work with Linux permissions and ownership.</li> <li>● Print files.</li> <li>● Manage packages.</li> <li>● Manage kernel services.</li> <li>● Work with the Bash shell and shell scripts.</li> <li>● Manage jobs and processes.</li> <li>● Manage system services.</li> <li>● Configure network services.</li> <li>● Configure basic Internet services.</li> <li>● Implement measures to secure a Linux system.</li> <li>● Manage hardware associated with Linux systems.</li> <li>● Troubleshoot Linux system issues.</li> <li>● Install the Linux operating system.</li> <li>● Configure the GUI.</li> </ul>	10
---------------	--	----



<b>Name of Program</b>	<b>CISCO Certified IT Professional</b>	
<b>Program Description</b>	<p>The Professional level in the Cisco Certification program recognizes a more advanced networking knowledge base and skills set. Each certification verifies a set of different technology skills to meet the needs of varying job roles.</p> <p>Cisco certifications validate the skills required for entry level network support positions to core network engineering positions. It enables students to have the knowledge and basic skills to install, operate &amp; troubleshoot small to medium enterprise networks including network security. It ensures that students stay relevant with the skill sets needed for the adoption of next generation technologies.</p>	
<b>Program Mission &amp; Objectives</b>	<p>This program prepares students to learn about Cisco technologies that are the worldwide authority in computer networking. This training will allow students to stand out in competitive job market with his versatile skills and technical depth. Our hands-on lab environments allow students to experience real-life scenarios during their Cisco training that can easily carry over to on-the-job skills.</p>	
<b>Total Clock Hours</b>	96 Hours	
<b>Is an Externship or Internship Required?</b>	No	
<b>Graduation Requirements</b>	To complete this program a student must complete all prescribed courses.	
<b>Final Tests or Exams</b>	Yes. Students are evaluated through written and performance assessments.	
CCENT	<p>Description</p> <p>The CCENT certification validates the skills required for entry-level network support positions, the starting point for many successful careers in networking. CCENT certified professionals have the knowledge and skill to install, operate, and troubleshoot a small enterprise branch network, including basic network security.</p> <p>It opens doors to a career in networking. Having your CCENT means you have what it takes to manage a small, enterprise branch network. A CCENT is your first step toward CCNA certification and will help you stand out from the crowd in entry-level positions.</p> <p>Prerequisites None</p> <p>Objectives In this course, you will:</p> <ul style="list-style-type: none"> <li>· Learn the basics of networking.</li> <li>· Learn the basics of Cisco devices and commands.</li> <li>· Set up an IPv4 network.</li> <li>· Set up an IPv6 network.</li> <li>· Learn infrastructure services.</li> <li>· Learn LAN switching basics.</li> <li>· Learn about routing basics.</li> <li>· Learn about NAT basics.</li> <li>· Maintain the network infrastructure.</li> <li>· Enhance network security.</li> <li>· Troubleshoot networks.</li> </ul>	10 clock hours

<p>CCNA : Network Security</p>	<p>Description The course focuses on the design, implementation, and monitoring of a comprehensive security policy, using Cisco IOS security features and technologies as examples. The course covers security controls of Cisco IOS devices as well as a functional introduction to the Cisco ASA adaptive security appliance. Using instructor-led discussion, lecture, and hands-on lab exercises, this course allows students to perform basic tasks to secure a small branch office network using Cisco IOS security features that are available through web-based GUIs (Cisco Configuration Professional) and the CLI on Cisco routers, switches, and ASA appliances.</p> <p>Prerequisites Skills and knowledge equivalent to those learned in Interconnecting Cisco Networking Devices Part 1 (ICND1)</p>	<p>10 clock hours</p>
	<p>Objectives Upon completing this course, the student will be able to meet these overall objectives: Describe the components of a comprehensive network security policy that can be used to counter threats against IT systems, within the context of a security policy life cycle Develop and implement security countermeasures that are aimed at protecting network elements as part of the network infrastructure Deploy and maintain threat control and containment technologies for perimeter security in small and midsize networks Describe secure connectivity strategies and technologies using VPNs, as well as configure site-to-site and remote-access VPNs using Cisco IOS features</p>	
<p>CCNA: Routing &amp; Switching</p>	<p>Description In this course student will be able to how to perform basic troubleshooting steps in enterprise branch office networks, preparing learners for Cisco CCNA certification. Course covers understanding of Quality of Service (QoS) elements and their applicability, how virtualized and cloud services will interact and impact enterprise networks, along with an overview of network programmability and the related controller types and tools that are available to support software defined network architectures.</p> <p>Prerequisites None</p> <p>Objectives In this course student will learn to: Install, operate, and troubleshoot a medium-sized network, including connecting to a WAN and implementing network security. Describe the effects of new technologies such as IoE, IoT, IWAN, and SDN on network evolution. Operate a medium-sized LAN with multiple switches, supporting VLANs, trunking, and spanning tree Troubleshoot IP connectivity Describe how to configure and troubleshoot EIGRP in an IPv4 environment, and configure EIGRP for IPv6 Configure and troubleshoot OSPF in an IPv4 environment and configure OSPF for IPv6 Define characteristics, functions, and components of a WAN Describe how device management can be implemented using the traditional and intelligent ways.</p>	<p>10 clock hours</p>

CCNA: Cloud	<p>Description</p> <p>The CCNA Cloud certification is a job role focused certification and training program that helps Cloud engineers, Cloud Administrators, and Network Engineers to develop, advance, and validate their cloud skill set, and enables them to help their IT organization meet changing business demands from technology transitions.</p> <p>With a CCNA Cloud certification, students will obtain the skills to perform entry-level provisioning and support of Cisco cloud solutions. Prerequisites: None</p> <p>Objectives</p> <p>Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> <li>Identify the components of the Cisco Cloud management software solution</li> <li>Understand the fundamentals of Cloud infrastructure administration</li> <li>Describe reporting and charge-back</li> <li>Provision Clouds using pre-configured templates</li> <li>Perform Cloud management, monitoring and remediation</li> </ul>	10 clock hours
CCNA: Data Center & Storage	Description	10 clock hours

	<p>For data center network administrators who want to save time and money on data center design, equipment installation, and maintenance, the Cisco Certified Network Associate Data Center (CCNA Data Center) certification is a job-role-focused training and certification program that allows you to maximize your investment in your education and increase the value of your data center network.</p> <p>This comprehensive program addresses the key areas of data center network design, implementation, and maintenance.</p> <p>Prerequisites: None</p> <p>Objectives</p> <p>Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> <li>Simple Network Design</li> <li>Switched Network Implementation</li> <li>IP Addressing</li> <li>Routing on the Cisco Nexus Switch</li> <li>Cisco Data Center Network Services</li> <li>Cisco Data Center Virtualization</li> <li>Cisco Data Center Storage Networking</li> <li>Cisco Data Center Unified Fabric</li> <li>Cisco UCS</li> </ul>	
--	--	--

CCNA: Wireless	<p>Description</p> <p>Cisco Wireless technology growth places increased demands on networks and the professionals that support them. Ensuring this technology is optimally configured, monitored, and supported is paramount to achieving business outcomes and requires a workforce of skilled wireless professionals. Earn the CCNA Wireless certification and amplify your basic Cisco Wireless LAN's configuration, monitoring, troubleshooting and support skills for optimal performance of Cisco Wireless networks. Prerequisites: Valid CCENT certifications</p> <p>Objectives</p> <p>Upon completing this course, student will be able to meet these objectives:</p> <p>Understand the basic RF principles and characteristics.</p> <p>Understand WLAN security methods and access with differing client devices.</p> <p>Define the Cisco WLAN architecture and the underlining infrastructure used to support it.</p> <p>Implement a Centralized wireless access network using AireOS or IOS-XE wireless LAN controllers.</p> <p>Implement a Converged wireless access network using IOS-XE converged access switches and wireless LAN controllers.</p> <p>Implement small and remote access wireless networks using FlexConnect, Autonomous or Cloud architectures.</p> <p>Preform basic Wlan maintenance and troubleshooting.</p> <p>Describe the requirements for a WLAN design.</p>	10 clock hours
CCNA: Collaboration	<p>Description</p> <p>For network video engineers, collaboration engineers, IP telephony and IP network engineers who want to develop and advance their collaboration and video skills in line with the convergence of voice, video, data and mobile applications, the Cisco CCNA Collaboration certification is a job-role focused training and certification program.</p> <p>Prerequisites:</p> <p>None</p> <p>Objectives</p> <p>Upon completing this course, students will be able to meet these objectives:</p>	10 clock hours
	<p>Describe the components of a Cisco Unified Communications solution and identify call signaling and media stream flows</p> <p>Provide an overview of administrator and end-user interface options in Cisco Unified Communications Manager, Cisco Unified Communications Manager Express, Cisco Unity Connection, and Cisco Unified Communications Manager IM and Presence Service</p> <p>Understand call flows in Cisco Unified Communications Manager and Cisco Unified Communications Manager Express</p> <p>Describe Cisco Business Video components and architectures</p> <p>Implement Cisco Collaboration endpoints</p> <p>Implement Cisco TelePresence endpoints</p> <p>Implement multipoint conferencing on Cisco collaboration endpoints</p> <p>Implement Cisco DMP endpoints.</p>	

CCDA	<p>Description:</p> <p>Enterprise environments require networks designed for performance, availability, and scalability with the flexibility to meet rapidly evolving demands. To meet these challenges head on, skilled IT professionals are needed with up-to-date, fundamental network design skills. For network design engineers, system engineers, and sales engineers and individuals looking to build and validate Cisco network design fundamental knowledge the Cisco CCDA certification program focuses on design methodologies and objectives, addressing and routing protocols, and network expansion considerations within basic campus, data center, security, voice, and wireless networks.</p> <p>Prerequisites Valid CCENT certification</p> <p>Objectives After completing this course, students will be able to: Discuss methodology in network design Describe how to structure and modularize the network design using the Cisco Network Architectures for the Enterprise Design the enterprise campus, and describe the architectural approach to the data center and virtualization market Design the enterprise edge and remote modules as needed Design a network addressing plan and select suitable routing protocols for a given network design Evaluate security solutions for the network Discuss voice and video networking considerations in the enterprise network design Recommend a design for a basic wireless solution</p>	10 Clock Hours
CCDP	<p>Description</p> <p>Enterprise environments require networks designed for performance, availability and scalability to achieve outcomes. Seasoned IT professionals with progressive end-to-end network design expertise are crucial to ensure networks deliver to today's requirements while future proofing investments. For Senior Network Design Engineers, Principle System Engineer, Network/Solution Architects and CCDA professionals looking to build upon your fundamental Cisco network design expertise the Cisco CCDP certification program focuses on advanced addressing and routing protocols, WANs, services virtualization, and integration strategies for multi-layered Enterprise architectures. Prerequisites: Valid CCENT &amp; CCDA certifications</p> <p>Objectives Upon completing this course, the learner will be able to meet these overall objectives:</p> <p>Describe routing protocols, different remote connectivity options and their impact on routing and implement RIPng Configure EIGRP in IPv4 and IPv6 environment</p>	16

	<p>Configure OSPF in IPv4 and IPv6 environment</p> <p>Implement route redistribution using filtering mechanisms</p> <p>Implement path control using policy based routing and IP SLA</p> <p>Implement enterprise Internet connectivity</p> <p>Secure Cisco routers according to best practices and configure authentication for routing protocols</p> <p>Describe the hierarchical campus structure, basic switch operation, use of SDM templates, PoE, and LLDP</p> <p>Implement VLANs, trunks, explain VTP, implement DHCP in IPv4 and IPv6 environment, and configure port aggregation</p> <p>Implement and optimize STP mechanism that best suits your network - PVSTP+, RPVSTP+, or MSTP</p> <p>Configure routing on a multilayer switch</p> <p>Configure NTP, SNMP, IP SLA, port mirroring, and verify StackWise and VSS operation</p> <p>Implement First Hop redundancy in IPv4 and IPv6 environments</p> <p>Secure campus network according to recommended practices</p> <p>Design internal routing for enterprise network</p> <p>Design BGP routing for enterprise network</p> <p>Design enterprise WAN connectivity</p> <p>Design enterprise data center integration</p> <p>Design security services in an enterprise network</p> <p>Design QoS for optimized user experience</p> <p>Design enterprise transition to IPv6</p> <p>Design enterprise multicast network</p>	
--	---	--

<b>Name of Program</b>	<b>Microsoft Office Specialist</b>
<b>Program Description</b>	This program prepares students to take Microsoft Office Specialist (MOS) certification exams. These certifications are the only globally recognized credentials that validate your technical expertise in the ultra-popular business productivity applications within the Microsoft Office Suite. Microsoft Office Specialists tap into the full features and functionality of Microsoft Office, resulting in increased job candidate marketability, improved academic performance, and enhanced confidence & productivity in the workplace.
<b>Program Mission &amp; Objectives</b>	The objective of this program is help student improve work efficiency with the skills developed in this program and to prepare students for appropriate Microsoft certification exams. Microsoft Office products provide resources for professional presentation of data that are compatible with most operating systems. For students, MOS boosts academic performance and preps them for college and career. For educators, MOS courses provide targeted training and support every step of the way. For Administrators, MOS improves institutional results MOS certification gives students a commanding competitive edge in today's academic and professional environments
<b>Total Clock Hours</b>	96 Hours
<b>Graduation Requirements</b>	To complete this program a student must complete all prescribed courses.
<b>Final Tests or Exams</b>	Yes. Students are evaluated through written and performance assessments.
<b>Required Internship or Externship</b>	None

Modules of Instruction

MOS: Excel	<p><b>Description</b> In MOS: Excel course, student will learn to create and edit a workbook with multiple sheets, and they use a graphic element to represent data visually. Workbook examples include professional-looking budgets, financial statements, team performance charts, sales invoices, and data-entry logs. Prerequisites None</p> <p><b>Objectives</b> Upon successful completion of MOS: Excel coursework, Student will learn to:</p> <ul style="list-style-type: none"> <li>● Create worksheets and workbooks,</li> <li>● Search for data within a workbook, ● Format worksheets and workbooks.</li> <li>● Customize options and views for worksheets and workbooks,</li> <li>● configure worksheets and workbooks for distribution,</li> <li>● manage data cells and ranges,</li> <li>● summarize and organize data</li> <li>● Create and manage tables,</li> <li>● manage table styles and options,</li> <li>● filter and sort a table and perform operations with formulas and functions and perform conditional operations by using functions,</li> <li>● Ability on how to create charts and objects,</li> <li>● format graphic elements,</li> <li>● insert and format objects to use data for presentations.</li> </ul>	8 clock hours
------------	--	---------------

MOS: PowerPoint	<p><b>Description</b>  Upon successful completion of this course, student will have a fundamental understanding of the PowerPoint application. Student will be able to create, edit, and enhance presentations and slide shows. Presentation examples include professional-grade sales presentations, employee training, instructional materials, and kiosk slide shows. Prerequisites: None</p> <p><b>Objectives</b>  In this course student will:</p>	8 clock hours
	<ul style="list-style-type: none"> <li>● Learn to create a presentation,</li> <li>● Insert and format slides,</li> <li>● Modify slides, handouts, and notes,</li> <li>● Order and group slides,</li> <li>● Change presentation options and views, ● Configure a presentation for print, ● Configure and present a slide show.</li> <li>● Learn to Insert and format text,</li> <li>● Insert and format shapes and text boxes,</li> <li>● Insert and format images,</li> <li>● Order and group objects</li> <li>● Learn to Insert and format tables,</li> <li>● Insert and format charts,</li> <li>● Insert and format SmartArt graphics,</li> <li>● Insert and manage media</li> <li>● Learn to Apply slide transitions,</li> <li>● Animate slide content,</li> <li>● Set timing for transitions and animations</li> <li>● Also learn to merge content from multiple presentations and Finalize presentations using protect, inspect, and proof check and exporting to other formats.</li> </ul>	
MOS: Access	<p><b>Description</b>  This course provides understand of basic database design principles. It also, demonstrate the correct application of the principle features of Access, and demonstrate the ability to create and maintain basic Access database objects, including tables, relationships, data entry forms, multi-level reports, and multi-table queries.  Prerequisites: None</p> <p><b>Objectives</b>  In this course student will:</p> <ul style="list-style-type: none"> <li>● Learn to Create and modify databases, manage relationships and keys, navigate through a database, protect and maintain databases, print and export data</li> <li>● Learn to Create tables, import data into tables, manage tables, manage records in tables, create and modify fields</li> <li>● Learn to Create a query, run a query, modify a query and create calculated fields and grouping within queries</li> <li>● Learn to create a form, configure form controls and format a form</li> <li>● Learn to create a report, configure report controls and format a report into multiple columns.</li> </ul>	8 clock hours



MOS: Outlook	<p><b>Description</b> This course teaches how to email message content by using character and paragraph formatting, create or insert graphic elements, such as charts, tables, and SmartArt graphics, into messages. Also learn to create contact records, tasks, and appointments from incoming messages, and set up contact groups to facilitate communication with other Outlook users. Learn to schedule meetings involving people and system resources, and delegate tasks to others. Core users personalize the Outlook program window and the Quick Access Toolbar to maximize their efficiency. Learn to organize messages and other Outlook items, and display different views of mail folders and of the calendar, address book, and task list. Also display multiple calendars and learn to share calendars with other Outlook users.</p> <p>Prerequisites None</p> <p><b>Objectives</b> In this course student will:</p>	8 clock hours
--------------	--	---------------

	<ul style="list-style-type: none"> <li>● Learn to manage the outlook environment using customize outlook settings, automate, print and save information and search in outlook</li> <li>● Learn to manage messages using create, format, organize and manage messages</li> <li>● Learn to manage schedules using create and manage calendars, create appointments, organize and manage appointments, create and manage notes/tasks/journals.</li> <li>● Learn to manage contacts and groups.</li> </ul>	
--	--	--

MOS: ONENOTE	<p><b>Description</b> Microsoft OneNote lets you create and store notes in a convenient location, enabling you to find and use them simply. The organizational power of OneNote is essential to maintaining productivity.</p> <p>Prerequisites None</p> <p><b>Objectives</b> In this course student will learn:</p> <ul style="list-style-type: none"> <li>● Microsoft OneNote interface</li> <li>● How to create a simple notebook</li> <li>● How to create notes</li> <li>● How to organize content and search for information in a OneNote notebook</li> <li>● Integration of OneNote with other applications</li> <li>● Use OneNote to share notes with other people</li> </ul>	8 clock hours
--------------	---	---------------

MTA: Database	<p><b>Description</b> MTA certification addresses a wide spectrum of fundamental technical concepts, assesses and validates your core technical knowledge, and enhances your technical credibility MTA Database administrator helps students who are intending to build a career in data platform administration or business intelligence.</p> <p>Prerequisites None</p> <p><b>Objectives</b> In this course student will:</p> <ul style="list-style-type: none"> <li>● Understand how data is stored in tables, relational database concepts, data manipulation language (DML) and data definition language (DDL)</li> <li>● Understand how to choose data types, tables and how to create them along with create views and stored procedures and functions</li> <li>● Understand to manipulate data using following functions such as select, insert, update and delete data</li> <li>● Understand data storage using normalization, primary, foreign, composite keys and indexes.</li> <li>● Administrate database with security and backup/restore concepts</li> </ul>	8 clock hours
---------------	--	---------------

MTA: Developer	<p><b>Description</b>  MTA certification addresses a wide spectrum of fundamental technical concepts, assesses and validates your core technical knowledge, and enhances your technical credibility  MTA Developer module helps students who are intending to be a software developer. This module helps prepare student for hands on product training and certification. It helps understand software development fundamentals and helps you achieve career development goals.</p> <p>Prerequisites None</p> <p><b>Objectives</b>  In this course student will:</p> <ul style="list-style-type: none"> <li>● Understand Core Programming</li> <li>● Understand Object-Oriented Programming</li> <li>● Understand General Software Development</li> <li>● Understand Web Applications</li> </ul>	12 clock hours
	<ul style="list-style-type: none"> <li>● Understand Desktop Applications</li> <li>● Understand Databases</li> <li>● Manage the Application Life Cycle</li> <li>● Build the User Interface by Using HTML5</li> <li>● Format the User Interface by Using CSS</li> <li>● Code by Using JavaScript</li> </ul>	
MTA: Infrastructure	<p><b>Description</b>  MTA certification addresses a wide spectrum of fundamental technical concepts, assesses and validates your core technical knowledge, and enhances your technical credibility  MTA IT Infrastructure certification helps students who are intending to build a career in desktop or server infrastructure or private cloud computing.  Prerequisites None</p> <p><b>Objectives</b>  In this course student will:</p> <ul style="list-style-type: none"> <li>● Learn Server Installation, Server Roles, Active Directory and Storage</li> <li>● Learn to understand Network Infrastructures, Network Hardware and Protocols/Services</li> <li>● Learn to understand Security Layers, Operating System Security, Network Security</li> <li>● Learn to understand device configurations, data management, device security, cloud services and enterprise mobility</li> <li>● Learn to Understand the cloud, enable, use, and configure Microsoft Cloud Services, Administer Office 365 and Support cloud users</li> </ul>	46 clock hours

<b>Name of Program</b>	<b>Microsoft Certified Solution Associate and Expert</b>
<b>Program Description</b>	This program prepares IT professionals seeking recognition of proficiency in the realm of Microsoft technologies to take exams to obtain the Microsoft Certified Solutions Expert (MCSE) credential. MCSE credential holders are recognized industry-wide as possessing the technical skills, expertise and knowledge necessary to perform complex roles using Microsoft technologies. Employers depend on MCSE professionals to solve difficult problems requiring innovative resolutions, design systems and complex solutions, build and deploy, as well as operate, maintain and optimize Microsoft-based systems. As with the Microsoft Certified Solutions Associate (MCSA), the MCSE comes in various certification flavors, all designed to meet the demanding requirements facing advanced level Microsoft professionals in today's ever-changing technology environment.
<b>Program Mission &amp; Objectives</b>	The objective of this program allows professionals to get up to speed on the essential tools that many organizations value today and prepares students to take appropriate Microsoft technical training certification. Microsoft certifications have become the most sought after in the IT industry. Part of this comes from the fact that Microsoft technical certifications reduce downtime and make teams more productive.
<b>Total Clock Hours</b>	96 Hours
<b>Graduation Requirements</b>	To complete this program a student must complete all prescribed courses.
<b>Final Tests or Exams</b>	Yes. Students are evaluated through written and performance assessments.
<b>Required Internship or Externship</b>	None

MCSA: SQL 2016	<p><b>Description</b></p> <p>Demonstrate your essential skills as a database professional, for both on-premises and cloud-based databases.</p> <p>This course helps you improve your skills in building and implementing databases across organizations, and will qualify you for a position as a database developer. Organizations gain deeper insights into their data with capabilities that go beyond business intelligence to perform advanced analytics directly within their database and present rich visualizations for business insights on any device.</p> <p>You can also gain the benefits of hyper-scale cloud that lets you dynamically stretch your warm and cold transactional data to Microsoft Azure in a secured way so your data is always at hand for queries, no matter the size. In addition, SQL Server delivers a complete database platform for hybrid cloud, enabling you to easily build, deploy and manage solutions that span on-premises and cloud.</p> <p>Prerequisites None</p> <p><b>Objectives</b></p> <p>In this course student will learn to:</p> <ul style="list-style-type: none"> <li>● Create/query/implement &amp; modify Transact-SQL SELECT queries</li> <li>● Query data with advanced Transact-SQL components</li> <li>● Program databases by using Transact-SQL</li> <li>● Configure data access and auditing, manage back up and restore of databases</li> <li>● Manage and monitor SQL server instances</li> <li>● Manage high availability and disaster recovery</li> <li>● Design and implement data warehouse</li> <li>● Extract, transform and load data</li> <li>● Integrate solutions with cloud data and big data</li> <li>● Build data query solution</li> </ul>	8 clock hours
----------------	--	---------------

MCSA: Windows Server 2016	<p><b>Description</b>  This module helps develop mastery of the primary set of Windows Server 2016 skills required to reduce IT costs and deliver more business value. With Windows Server you can scale to run your most important workloads with robust recovery options. You'll achieve value quickly with a wide range of</p>	8 clock hours
	<p>cost-effective, high-performance storage options and simplified delivery of multi-tenant IT services. You can build, deploy, operate, and monitor applications on premises and in the cloud. Empower users with secure access to corporate resources on the devices they choose.</p> <p>Prerequisites None</p> <p><b>Objectives</b>  Earning an MCSA: Windows Server 2016 certification qualifies you for a position as a network or computer systems administrator or as a computer network specialist, and it is the first step on your path to becoming a MCSE.</p> <p>In this course student will learn to:</p> <ul style="list-style-type: none"> <li>● Install, upgrade, migrate servers, nano server and deployment</li> <li>● Configure disks/volumes, implement server storage and data deduplication</li> <li>● Install configure virtual machines.</li> <li>● Implement high availability and disaster recovery options in Hyper-V ● Maintain &amp; monitor server installations</li> </ul>	
MCSA: Windows10	<p><b>Description</b>  This module helps develop expertise to configure, manage, and maintain a Windows 10 enterprise system.</p> <p>Prerequisites None</p> <p><b>Objectives</b>  Earning an MCSA: Windows 10 certification qualifies you for a position as a computer support specialist.</p> <p>Student will learn to:</p> <ul style="list-style-type: none"> <li>● Prepare for installation requirements, Install Windows, Configure devices and device drivers, Perform post-installation configuration and Implement Windows in an enterprise environment</li> <li>● Configure networking, storage, data access, applications and remote management</li> <li>● Configure updates, system/data recovery, authorization/authentication and advance management tools.</li> </ul>	8 clock hours

MCSA: Linux on Azure	<p><b>Description</b>  Microsoft Azure is a growing collection of integrated cloud services—analytics, computing, database, mobile, networking, storage, and web—for moving faster, achieving more, and saving money. Designed so that any developer or IT professional can be productive with Azure, it includes integrated tools, templates and managed services to effectively build and manage enterprise, mobile, Web and Internet of Things (IoT) apps, using skills you already have and technologies you already know.</p> <p>This certification demonstrates your ability to design, architect, implement, and maintain complex cloud-enabled Linux® solutions that leverage Microsoft Azure open source capabilities.</p> <p>Prerequisites None</p> <p><b>Objectives</b>  The student will learn to:</p> <ul style="list-style-type: none"> <li>● Use an open and flexible platform that supports the broadest selection of operating systems, programming languages, frameworks, tools, databases and devices</li> <li>● Extend your existing IT through the largest network of secure private connections, hybrid database and storage solutions</li> <li>● Protect your data with the first major cloud provider to adopt the new international cloud privacy standard, ISO 27018</li> <li>● Run your apps anywhere on a worldwide network of Microsoft-managed datacenters across 22 regions</li> <li>● Make smarter decisions using Azure’s predictive analytics services, including Machine Learning, Cortana Analytics and Stream Analytics</li> </ul>	8 clock hours
----------------------	---	---------------

MCSA: Web Applications	<p><b>Description</b>  In this module student will learn to demonstrate expertise at implementing modern web apps.</p> <p>Prerequisites None</p> <p><b>Objectives</b>  Student will learn to:</p> <ul style="list-style-type: none"> <li>● Create the document structure.</li> <li>● Apply styling to HTML elements programmatically.</li> <li>● Implement HTML APIs.</li> <li>● Establish the scope of objects and variables.</li> <li>● Create and implement objects and methods.</li> <li>● Earning an MCSA: Web Applications certification qualifies you for a position as a web developer or web administrator.</li> </ul>	8 clock hours

<p>MCSA: Universal Windows Platform</p>	<p><b>Description</b></p> <p>odule student will learn to implement Universal Windows Platform apps : a compelling user experience across a wide range of Windows devices. odule student will learn C# programming, object oriented programming, ection and many more. It also helps you learn mobile applications using Visual Studi</p> <p>sites None</p> <p><b>Objectives</b></p> <p>Student will learn to:</p> <ul style="list-style-type: none"> <li>● Manage program flow</li> <li>● Create and use types</li> <li>● Debug applications and implement security</li> <li>● Implement data access</li> <li>● Develop a XAML page layout for an adaptive UI</li> <li>● Implement page navigation and lifecycle events</li> <li>● Implement data access and data binding</li> <li>● Implement feature detection for adaptive coding</li> <li>● Manage user input and custom user interactions</li> <li>● Manage authentication and identity management</li> <li>● Implement notifications, background tasks, and reusable components</li> </ul>	<p>8 clock hours</p>
<p>MSCE: Cloud Platform and Infrastructure</p>	<p><b>Description</b></p> <p>The Microsoft Certified Solutions Expert (MCSE): Cloud Platform and Infrastructure certification validates that you have the skills needed to run a highly efficient and modern data center, with expertise in cloud technologies, identity management, systems management, virtualization, storage, and networking.</p> <p>Prerequisites</p> <p>MCSA: Windows Server 2016  MCSA: Cloud Platform  MCSA: Linux on Azure  MCSA: Windows Server 2012</p> <p><b>Objectives</b></p> <p>Student will learn to:</p> <ul style="list-style-type: none"> <li>● Design and implement Web Apps</li> <li>● Create and manage virtual machines</li> <li>● Design and implement cloud services, storage strategy</li> <li>● Manage application and network services</li> <li>● Implement Web Apps, virtual machines, cloud services, storage, Azure</li> </ul>	<p>8 clock hours</p>
	<p>Active Directory, virtual networks</p> <ul style="list-style-type: none"> <li>● Design Microsoft Azure infrastructure, application storage, data access, Azure Web Apps</li> <li>● Design a management, monitoring, and business continuity strategy</li> <li>● Design and implement database solutions for Microsoft SQL Server and SQL Database</li> <li>● Manage database management systems (DBMS) security</li> <li>● Design for high availability, disaster recovery, and scalability</li> <li>● Monitor and manage database implementations on Azure</li> <li>● Design big data batch processing and interactive solutions, real-time processing solutions</li> <li>● Design Machine Learning solutions</li> <li>● Operationalize end-to-end cloud analytics solutions</li> </ul>	

MCSE: Mobility	<p><b>Description</b>  The Microsoft Certified Solutions Expert (MCSE): Mobility certification validates that you have the skills needed to manage devices in today’s bring-your-own-device (BYOD) enterprise.  In this module student will learn to deploy windows desktops and enterprise applications, administering system center configuration manager and Intune planning for and managing devices in the enterprise.  Prerequisites  MCSA: Windows 10 certification.</p> <p><b>Objectives</b>  Student will learn to:</p> <ul style="list-style-type: none"> <li>● Implement the Operating System Deployment (OSD) infrastructure, a lite/Zero Touch deployment,</li> <li>● Create and maintain device images and Prepare/deploy the application environment.</li> <li>● Deploy and manage virtual applications, desktop and mobile applications <ul style="list-style-type: none"> <li>● Plan and implement software updates,</li> </ul> </li> <li>● Manage Configuration Manager clients, compliance and Endpoint Protection settings and inventory using Configuration Manager, Provision and manage mobile devices</li> </ul>	8 clock hours
MCSE: Data Management and Analytics	<p><b>Description</b>  Demonstrate your broad skill sets in SQL administration, building enterprise-scale data solutions, and leveraging business intelligence data—both on-premises and in cloud environments.  Prerequisites: One of the  MCSA: SQL Server 2012/2014  MCSA: SQL 2016 Database Administration  MCSA: SQL 2016 Database Development  MCSA: SQL 2016 Business Intelligence Development</p> <p><b>Objectives</b>  Student will learn to:</p> <ul style="list-style-type: none"> <li>● Design, Manage and implement database solutions for Microsoft SQL Server and SQL Database</li> <li>● Design for high availability, disaster recovery, and scalability</li> <li>● Monitor and manage database implementations on Azure</li> <li>● Design big data batch processing, real-time processing solutions and interactive solutions, Machine Learning solutions and Operationalize end-to-end cloud analytics solutions</li> <li>● Implement &amp; design database/programming objects, Optimize and troubleshoot queries</li> <li>● Design a database structure, database objects and database security. Design a troubleshooting and optimization solution</li> </ul>	8 clock hours
	<ul style="list-style-type: none"> <li>● Build an analysis services multidimensional database, tabular data model and report with SSRS. Manage, maintain, and troubleshoot a SQL Server Analysis Services (SSAS) database</li> <li>● Plan business intelligence (BI) infrastructure , Design BI infrastructure, reporting solution, BI data models &amp; an ETL solution</li> </ul>	

<p>MCSE: Productivity</p>	<p><b>Description</b> The Microsoft Certified Solutions Expert (MCSE): Productivity certification validates that you have the skills needed to move your company to the cloud, increase user productivity and flexibility, reduce data loss, and improve data security for your organization.</p> <p>Prerequisites (MCSA): Office 365 certification.</p> <p><b>Objectives</b> Student will learn to</p> <ul style="list-style-type: none"> <li>● Plan, deploy, manage, and troubleshoot mailbox databases, client access services, transport services, an Exchange infrastructure, recipients, and security.</li> <li>● Plan, deploy, and manage compliance, archiving, eDiscovery, and auditing.</li> <li>● Implement and manage coexistence, hybrid scenarios, migration, and federation</li> <li>● Design, Monitor and optimize SharePoint infrastructure &amp; environment</li> <li>● Plan authentication and security, workload optimization, productivity solutions</li> </ul>	<p>8 clock hours</p>
<p>MCSE: Server Infrastructure</p>	<p><b>Description</b> The Microsoft Certified Solutions Expert (MCSE): Server Infrastructure certification validates that you have the skills needed to run a highly efficient and modern data center, with expertise in identity management, systems management, virtualization, storage, and networking.</p> <p>Prerequisites: None</p> <p><b>Objectives</b> Student will learn to:</p> <ul style="list-style-type: none"> <li>● Install/configure servers,</li> <li>● Configure server roles/features,</li> <li>● Configure Hyper-V, Deploy/configure core network services, Install/administer Active Directory and Create/manage Group Policy.</li> <li>● Deploy, manage, and maintain servers,</li> <li>● Configure File and Print Services,</li> <li>● Configure network services and access,</li> <li>● Configure a Network Policy Server (NPS) infrastructure,</li> <li>● Configure and manage Active Directory,</li> <li>● Configure and manage Group Policy</li> <li>● Configure and manage high availability,</li> <li>● Configure file and storage solutions,</li> <li>● Implement business continuity and disaster recovery,</li> <li>● Configure Network Services,</li> <li>● Configure the Active Directory infrastructure,</li> <li>● Configure Identity and Access Solutions</li> <li>● Plan and deploy a server infrastructure,</li> <li>● Design and implement network infrastructure services,</li> <li>● Design and implement network access services,</li> <li>● Design and implement an Active Directory infrastructure (logical), Design and implement an Active Directory infrastructure (physical)</li> </ul>	<p>8 clock hours</p>



	<ul style="list-style-type: none"> <li>● Manage and maintain a server infrastructure,</li> <li>● Plan and implement a highly available enterprise infrastructure</li> </ul>	
MCSE: Data Platform	<p><b>Description</b>          Demonstrate your broad skill sets in SQL Server administration and in building enterprise-scale data solutions both on-premises and in cloud environments.          Prerequisites None</p> <p><b>Objectives</b>          Student will learn to:</p> <ul style="list-style-type: none"> <li>● Query Microsoft SQL Server using create database objects, Working with data, Modifying data, Troubleshooting and optimizing it</li> <li>● Install and configure Microsoft SQL Server, Maintain instances and databases, Optimize and troubleshoot, Manage data, Implement security</li> <li>● Design and implement a data warehouse, Extract and transform data, Load data, Configure and deploy SSIS solutions</li> <li>● Implement database objects, programming objects, Design database objects and Optimize/troubleshoot queries</li> </ul>	8 clock hours