



CCS LEARNING ACADEMY
13475 Danielson Street, Suite 220 Poway, CA 92064
Office: (858) 208-4131 Fax: (858) 683-2424
www.ccslearningacademy.com

Catalog of Courses
01/01/20 to 12/31/20

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Institutional Mission and Objectives

CCS Learning Academy is dedicated to providing the most comprehensive and highest quality of education and training to prepare graduates for entry-level through senior-level careers in information technology. Our goal is to have each student acquire the essential analytical and critical abilities, attributes, and skills necessary to obtain employment as professionals, empowering individuals with the professional skills and development of values necessary to achieve higher levels of career excellence in the information technology industry. Additionally, CCS Learning Academy provides continuing education for information technology professionals. As industry standards and technologies evolve, CCS Learning Academy adapts and revises its curriculum accordingly, ensuring the highest quality of education within the industry.

The objective of CCS Learning 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.
- To provide instruction that will enable each student to progress as rapidly as capability permits.
- To establish themselves as practicing professionals.
- To advance professionally through organized training or self-learning.

Catalog Update Policy

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

Instructional Locations

San Diego

13475 Danielson Street, Suite 220
Poway, CA 92064

Programs delivered in both in the classroom setting and online are made on synchronous basis.

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 Education Code (CEC), California Private Postsecondary Education Act of 2009 (as amended), and Division 7.5 of Title 5 of the California Code of Regulations (CCR).

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 & Type of Equipment Used for Instruction

The school is located on the second floor of a two-story standalone building in a light industrial business park in the city of Poway. The school facility is approximately 8,779 square feet with sufficient parking available in the rear of the building. The administrative area is divided into a reception area, one administrative office, test room, training room and kitchen. Restrooms are available in the building. 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, a projector and standard peripherals.

Student capacity:

Onsite, 18; Online, 25.

Equipment used for all educational programs:

Laptops and headphones, Desks, Chairs, Projector

Software:

Microsoft SQL Server

Erwin

Tableau

MS Excel

Power BI Desktop

TFS plugins

SharePoint

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 and hands-on-skills are the essential elements 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, 9am to 5pm Monday through Friday. Staff members are also available to provide research assistance. Learning resources may not be taken from the premises. After any student has been enrolled in a program and prior to the first day of instruction, the student will be contacted by the instructor via email and provided a login and password to access the institution's learning resources.

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:

Address: 1747 N. Market Blvd. Ste 225 Sacramento, CA 95834

P.O. Box 980818, West Sacramento, CA 95798-0818

Web Site: www.bppe.ca.gov

Telephone and Fax: (888) 370-7589 or by fax (916) 263-1897

(916) 574-8900 or by fax (916) 263-1897

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.

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at CCS Learning Academy is at the complete discretion of an institution to which you may seek to transfer. 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. If the certificate that you earn at this institution are 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 CCS Learning Academy to determine if your certificate will transfer.

Admissions Policies & Recognition of Credits

Unless otherwise specified, the institution shall transmit the first lesson and any materials to any student within seven days after the institution accepts the student for admission.

Assessment prior to admission, in order to determine whether each student has the skills and competencies to succeed in a distance education environment.

This institution utilizes technical and professional development questions when screening candidates. It assists administrators and guides the admissions process by providing insight into potential risk factors that often contribute to a student's decision to drop out of a college level program. The results of this test identify areas where additional support from school advisors could be helpful, directing students towards alternative programs that seem more suitable, and in some cases, to delay or deny admission when too many risk factors are present. This interactive questionnaire focuses on:

Schedule Management	Program Commitment
Motivation	Academic Confidence
Communication Skills	Internet Access
Tech Knowledge	Transportation

The flexibility in this program allows it to be used for distance learning, campus-based and blended programs, and it can be administered prior to the admissions interview or after enrollment.

- Minimum Bachelor's in any STEM Field. Foreign equivalent degrees accepted. This includes but is not limited to degrees in Computer Science, Management Information Systems (MIS), Information Technology (IT), Engineering (any branch), or related quantitative field such as Business Administration, Mathematics, Finance, Accounting, or related.
- 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.

Visa Related Services

This institution does not admit students from other countries, so no visa related services are offered for study or education purposes.

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 will be given in no language other than English.

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.

Student Tuition Recovery Fund Disclosures

“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) 574-8900 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 noncollection 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

CCS Learning Academy is committed to assuring full academic freedom to all faculty. Confident in the qualifications and expertise of its faculty members, the school 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.

CCS Learning 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

Direct Instruction:

The student has the right to cancel the enrollment agreement and obtain a refund of charges paid through attendance at the first-class session, or the seventh day after enrollment, whichever is later. The institution shall refund 100 percent of the amount paid for institutional charges, less a reasonable deposit or application fee not to exceed two hundred fifty dollars (\$250).

Indirect Instruction:

The student shall have the right to cancel the agreement and receive a full refund before the first lesson and materials are received or the seventh day after enrollment, whichever is later. Cancellation is effective on the date written notice of cancellation is sent. The institution shall make the refund as per the calculation consistent with the California Code of Regulations. If the institution delivered the first lesson and materials before an effective cancellation notice was received, the institution shall make a full refund within 45 days after the student's return of the materials.

A notice of cancellation shall be in writing, and a withdrawal may be effectuated by the student's written notice to the school administrative office, 13475 Danielson Street, Suite 220, Poway, CA 92064 or by the student's conduct, including, but not necessarily limited to, a student's lack of attendance.

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.

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.

Refund Policy

A pro rata refund pursuant to section 94910(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.

No refunds are due once the student has received more than 60% of the clock hours of instruction in any given period of attendance. 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.

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 moneys 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 - Satisfactory Progress

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

If the student has not completed the coursework and earned a grade at the end of the course, the instructor may issue one of the following grades.

I Incomplete If the course has not been completed, the instructor may grant an I on a two-month extension of the term, at no additional tuition cost, when the student is making satisfactory progress and the instructor believes that an extension of time will permit satisfactory completion. At the end of this period, a final grade must be recorded.

W Withdraw The student may withdraw from any course before the end of the term. At the end of the term, the instructor may withdraw the student from the course and issue a W when the instructor believes the student's progress is insufficient to warrant an extension. A student who withdraws or is administratively withdrawn must retake the course and is responsible for a new tuition payment for that course of study.

Attendance Policy – All Programs

Programs Classroom:

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. An excused absence may be granted by receiving advanced permission. Acceptable reasons for an excused absence are deaths in the family, religious observances and jury duty.

Online:

This institution's policy on attendance is based on the premise that regular communication between the teacher and the student and, also, among students themselves, has significant value in the learning process. To assure this timely communication, your instructor will respond to each of your assignment submissions or exam submissions within 10 days. To further assure this timely communication, you must respond to each of your instructor's inquiries within 10 days as well.

If a student is enrolled in an online/blended course, the student must demonstrate regular and substantive interaction with the instructor. Regular and substantive interaction is defined as completing one of the following academically related activities once a week in order to be marked as having attended and actively participating:

- Post to the course discussion board substantive comments relevant to the subject
- Substantive exchanges with the instructor about course content, concepts, and assignments
- Submit a graded unit assignment or exercise
- Attempt a pre-final exam or final exam
- Submit a final project

Logging into a course and clicking on resources will not count as having participated. Reading discussion boards, and reading or viewing course resources, though academically important, are not measured or counted as student attendance.

Online students who do not engage through one of the five activities for seven consecutive (7) calendar days will be withdrawn from CCS Learning Academy.

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 module of instruction 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 info@ccslearningacademy.com or the school main campus:

CCS Learning Academy
13475 Danielson Street, Suite 220 Poway, CA 92064

After the completion of the current module of instruction, the student will be able to take two additional modules of instruction to bring his or her grade point average up to or exceeding the minimum standard of the institution. The number of total modules of instruction is dependent on the program the student has enrolled. 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.

Violations of the Harassment or Discrimination Policy of this institution will become part of the student's record. Depending on the severity and/or frequency of the violation(s), the Faculty may take disciplinary action, including administrative withdrawal from the institution. A student who has become subject to disciplinary action may submit an appeal to the Chief Academic Officer per the institution's grievances policy.

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:

CCS Learning Academy
13475 Danielson Street, Suite 220 Poway, CA 92064

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 up to 6 months, 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: CCS Learning Academy, 13475 Danielson Street, Suite 220, Poway, CA 92064. 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. The COO will verify that the student has made an attempt to resolve the incident or complaint. If the student has followed the above three steps, the COO will call a grievance session and include all of the concerned parties. Each party involved may be asked to present their version of the incident prior to all parties being present. The person against whom the complaint is filed shall receive written notice which shall include the initial report, the factual allegations, a list of witnesses and evidence. Each party involved may be asked to present their version of the incident prior to all parties being present. The COO will then issue a statement to all parties within 48 hours of the grievance meeting conclusion. If the decision is unacceptable to the student, the student must, within 48 hours, send written copies of all documents and a cover letter to the COO explaining why they believe the decision is unacceptable.. The school has the right to suspend the student until the problem is resolved if the student does not follow the proper grievance procedures.

Continued unresolved complaints may be directed to:

Bureau for Private Postsecondary Education

P.O. Box 980818

West Sacramento, CA 95798-0818

Phone: (916) 574-8900

Web site: www.bppe.ca.gov

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 problems 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.

The institution will provide on going support during and after completion of the program to include:

Hands-on Project Experience

Access to Real-Time Projects Technical Mock interviews

Professional Development Coaching including social media branding

Dress for Success Coaching

Placement Services

This institution does not provide 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 \$1,705 a month.¹

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 to 13475 Danielson Street, Suite 220, Poway, CA 92064 or by email to info@ccslearningacademy.com 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.

Return of Lessons and Projects (distance education)

Instructors will evaluate student submissions and Student's lessons, projects or dissertations will be returned within ten days from the date of receipt of such items.

Professions – Requirements for Eligibility for Licensure

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

¹ <https://www.rentometer.com/analysis/1-bed/poway-rd-poway-california-92064/Uvuzu7DkgvI/quickview>

Charges: Tuition & Fees

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

	Program Name*	Tuition	Registration Fee	STRF	Books & Materials	Total Program Charges
1	Microsoft Business Intelligence Services and Tableau – Comprehensive <i>(includes programs #2 through #8 below)</i>	\$11,995	\$250	\$0	\$200	\$12,445
2	Data Warehouse (OLAP) Design Techniques	\$810.00	\$50	\$0	\$0	\$860.00
3	ETL Design Techniques	\$810.00	\$50	\$0	\$0	\$860.00
4	SQL Server Integration Services (SSIS)	\$3,240.00	\$50	\$0	\$0	\$3,290.00

5	SQL Server Analysis Services (SSAS)	\$1,296.00	\$50	\$0	\$0	\$1,346.00
6	SQL Server Reporting Services (SSRS)	\$1,296.00	\$50	\$0	\$0	\$1,346.00
7	Power BI	\$648.00	\$50	\$0	\$0	\$698.00
8	Data Visualization using Tableau	\$2,268.00	\$50	\$0	\$0	\$2,318.00
9	Microsoft SQL Service Programming and Administration – Comprehensive <i>(includes programs #10 - 13 below)</i>	\$9,995	\$250	\$0	\$200	\$10,445
10	Database (OLTP) Design Techniques	\$1,248.00	\$50	\$0	\$0	\$1,298.00
11	SQL Server Programming, Basic	\$4,160.00	\$50	\$0	\$0	\$4,210.00
12	SQL Server Programming, Advanced	\$2,912.00	\$50	\$0	\$0	\$2,962.00
13	SQL Server Administration	\$1,664.00	\$50	\$0	\$0	\$1,714.00

*Transcript Fee: First copy at no-charge. \$25 for 2 copies thereafter.

Schedule of Total Charges

PROGRAM NAME	TOTAL CHARGES FOR CURRENT OF ATTENDANCE	ESTIMATED TOTAL CHARGES FOR THE ENTIRE EDUCATIONAL PROGRAM
Microsoft SQL Service Programming and Administration - <u>Comprehensive</u>	\$10,445	\$10,445
Microsoft Business Intelligence Services and Tableau = <u>Comprehensive</u>	\$12,445	\$12,445
Data Warehouse (OLAP) Design Techniques	\$860.00	\$860.00
ETL Design Techniques	\$860.00	\$860.00
SQL Server Integration Services (SSIS)	\$3,290.00	\$3,290.00
SQL Server Analysis Services (SSAS)	\$1,346.00	\$1,346.00
SQL Server Reporting Services (SSRS)	\$1,346.00	\$1,346.00
Power BI	\$698.00	\$698.00
Data Visualization using Tableau	\$2,318.00	\$2,318.00
Database (OLTP) Design Techniques	\$1,298.00	\$1,298.00
SQL Server Programming, Basic	\$4,210.00	\$4,210.00
SQL Server Programming, Advanced	\$2,962.00	\$2,962.00
SQL Server Administration	\$1,714.00	\$1,714.00

Faculty

Pushendra Singh

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This instructor has over 9 years of job related work experience, 2 years of teaching experience, 8 years of certificate level education, holds multiple master's degrees.

Master in Technology |KSOU, Mysore (Karnataka), INDIA|2012

Master in Computer Application | Shivaji University,

Kolhapur(Maharashtra),INDIA|2007 Bachelor in Science | Avadh

University,Faizabad (UP),INDIA|2003

Rajasekhar Velakurthy

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This instructor has 10 years of job related work experience, 1 year of teaching experience, 6 years of certificate level education, holds a master's degree.

Education

MS in Technology from EIU, IL, USA

Bachelors of Technology (BS) from

JNTU, India

Gayathri Janagama

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This instructor has over 6 years of job related work experience, 3 years of teaching experience, 6 years of certificate level education, holds a master's degree.

Bachelor of Engineering Jawaharlal Nehru Technological University, India

Swapnil Shah

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This instructor has over 8 years of job related work experience, 7 years of teaching experience, 6 years of certificate level education, holds a master's degree.

Master of Science in Computer

Science University Of North Texas

Denton, Texas

Bachelors of Engineering in Computer

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Programs

Name of Program	Microsoft SQL Server Programming and Administration – Comprehensive
Program Description	In this program students will gain the necessary knowledge and skills to successfully program SQL server. Students will learn requirement gathering, database design, database creation, and maintenance of database objects. Additionally, students will become familiar with administrative tasks (such as backups, recoveries, profiling, log shipping, role management, users, logins, and database security).
Program Mission & Objectives	The program is designed for students who have an interest in developing the skills needed to create MS SQL Server applications and databases. Students will be able to provide back-end development support and solutions, delivering more data to more people across their prospective organization.”
Program Objectives	At the completion of this program the student will: <ul style="list-style-type: none"> – Able to collect business requirements and create logical data model structure. – Able to create and manage database objects utilizing SQL server 2012. – Able to extract, manipulate and analyze data utilizing SQL server 2012. – Able to handle database administrative tasks utilizing SQL server 2012.
Total Clock Hours	240 Hours
Is an Externship or Internship Required?	No
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
SOC Code	Database Architect OR Database Administrator (SOC 15-1141.00) (SOC 15-1199.06)

Sequence of Instruction - Microsoft SQL Server Programming and Administration – Comprehensive

Modules	Description	Hours
Database (OLTP) Design Techniques	<p>In this course, students will be exposed to various techniques of OLTP data modeling through interactions from users. Students will gather business requirements, following conceptual, logical, and physical data models, to acquire the physical instance of the database. The primary focus of this course will be on designing ER diagrams per business requirements, understanding keys, relationships, and various other approaches to designing OLTP databases. Learning Objectives:</p> <ul style="list-style-type: none"> - Gather business requirements - Analyze business requirements - Create logical and physical data models - Learn Erwin modeling tools - Forward and reverse engineering techniques 	30
SQL Server Programming, Basic	<p>In this course, students will learn the basic level of TSQL programming on MS SQL Server 2012. Students learn basic DDL, DML, and DQL scripting. Additionally, students will be exposed to and gain an understanding of Joins, Sub-Queries. Set-Operators, and various other functions. Furthermore, students will learn a basic level of understanding of (and be able to manipulate and manage) multiple database objects such as tables, views, stored procedures, user defined functions, triggers, indexes, and cursors.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Create and manage database objects - Learn how to use Microsoft Server SQL 2012 <p>Extract, manipulate, and analyze data</p>	100

<p>SQL Server Programming, Advanced</p>	<p>In this course students will learn about advanced techniques in T SQL programming. Students will understand how procedural objects are created, used, and maintained. Students will learn how data is stored in databases and develop strategies to create indexes for optimizing query performance. Students will be able to code scripts and procedures using multiple Error Handling techniques and Isolation Levels. Additionally, students will be exposed to multiple optimization techniques and execution plans.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Manage advanced database objects - Perform error handling - Develop and implement optimizations - Perform database index maintenance - Manage transactions and isolations 	<p>70</p>
<p>SQL Server Administration</p>	<p>This course covers installing, configuring, and troubleshooting SQL server services. Additionally, students shall solve database-related incidents and requests, fulfilling requests, and resolving incidents within SLAs. Students shall review service-related reports (database backups, maintenance, monitoring), manage security, logins, users, and roles. Furthermore, students will perform performance tuning and query optimization, utilizing Performance Monitor, SQL Profiler, and other related monitoring/troubleshooting tools.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Install, configure, and troubleshoot database servers - Perform database backups - Create and implement database maintenance plans - Manage security; create and manage logins, users, and roles - Perform performance tuning and query optimizations - Manage SQL profiler and SQL server job agent 	<p>40</p>

Name of Program	Database (OLTP) Design Techniques
Program Description; Sequence of Instruction Overview	<p>In this course, students will be exposed to various techniques of OLTP data modeling through interactions from users. Students will gather business requirements, following conceptual, logical, and physical data models, to acquire the physical instance of the database. The primary focus of this course will be on designing ER diagrams per business requirements, understanding keys, relationships, and various other approaches to designing OLTP databases.</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> - Gather business requirements - Analyze business requirements - Create logical and physical data models - Learn Erwin modeling tools - Forward and reverse engineering techniques
Total Clock Hours	30 Hours
Is an Externship or Internship Required?	No
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
SOC Code	Database Architect OR Database Administrator (SOC 15-1141.00) (SOC 15-1199.06)

Name of Program	SQL Server Programming, Basic
Program Description; Sequence of Instruction Overview	<p>In this course, students will learn the basic level of TSQL programming on MS SQL Server 2012. Students learn basic DDL, DML, and DQL scripting. Additionally, students will be exposed to and gain an understanding of Joins, Sub-Queries, Set-Operators, and various other functions. Furthermore, students will learn a basic level of understanding of (and be able to manipulate and manage) multiple database objects such as tables, views, stored procedures, user defined functions, triggers, indexes, and cursors.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Create and manage database objects - Learn how to use Microsoft Server SQL 2012 - Extract, manipulate, and analyze data
Total Clock Hours	100 Hours
Is an Externship or Internship Required?	No
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
SOC Code	Database Architect OR Database Administrator (SOC 15-1141.00) (SOC 15-1199.06)

Name of Program	SQL Server Programming, Advanced
Program Description; Sequence of Instruction Overview	<p>In this course students will learn about advanced techniques in T SQL programming. Students will understand how procedural objects are created, used, and maintained. Students will learn how data is stored in databases and develop strategies to create indexes for optimizing query performance. Students will be able to code scripts and procedures using multiple Error Handling techniques and Isolation Levels. Additionally, students will be exposed to multiple optimization techniques and execution plans.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Manage advanced database objects - Perform error handling - Develop and implement optimizations - Perform database index maintenance - Manage transactions and isolations
Total Clock Hours	70 Hours
Is an Externship or Internship Required?	No
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
SOC Code	Database Architect OR Database Administrator (SOC 15-1141.00) (SOC 15-1199.06)

Name of Program	SQL Server Administration
Program Description; Sequence of Instruction Overview	<p>This course covers installing, configuring, and troubleshooting SQL server services. Additionally, students shall solve database-related incidents and requests, fulfilling requests, and resolving incidents within SLAs. Students shall review service-related reports (database backups, maintenance, monitoring), manage security, logins, users, and roles. Furthermore, students will perform performance tuning and query optimization, utilizing Performance Monitor, SQL Profiler, and other related monitoring/troubleshooting tools.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Install, configure, and troubleshoot database servers - Perform database backups - Create and implement database maintenance plans - Manage security; create and manage logins, users, and roles - Perform performance tuning and query optimizations - Manage SQL profiler and SQL server job agent
Total Clock Hours	40 Hours
Is an Externship or Internship Required?	No
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
SOC Code	Database Architect OR Database Administrator (SOC 15-1141.00) (SOC 15-1199.06)

Name of Program	Microsoft Business Intelligence Services and Tableau – Comprehensive
Program Description	This program will cover a wide-range of topics, from the basics to advanced-level MS SQL Server programming and database administration. The program is a rigorous 14-week long boot-camp, transforming students with basic technical knowledge into masters of SQL Server with the ability to develop and provide cutting-edge technical data solutions to businesses.
Program Mission & Objectives	The program is designed for students who have an interest in developing the skills needed to create MS SQL Server applications and databases. Students will be able to provide back-end development support and solutions, delivering more data to more people across their prospective organization.
Total Clock Hours	320 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

Sequence of Instruction - Microsoft Business Intelligence Services and Tableau – Comprehensive

Modules	Description	Hours
Data Warehouse (OLAP) Design Techniques	<p>Students will learn basic concepts, such as the purpose of Data Warehouses and how it is different from an OLTP database. The course will provide a thorough understanding of data warehousing concepts such as different types of dimensions, facts, and methodologies to design Data Warehouses or Data Marts. Student will be able to design DWHs using schemas such as STAR, SNOW FLAKE, and GALAXY. Students will be able to design multiple Slowly Changing, Degenerate, and Inferred Dimensions. In the concluding section, student will learn about ETL processes and options available to handle multiple data loads.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Develop and implement data warehouse designs - Perform requirements gathering - Analyze requirements - Identify star, snowflake, and galaxy schema - Manage dimensions and facts 	25

ETL Design Techniques	<p>This course focuses on extract, transform, and load techniques to populate dimensional models. Students will be exposed to multiple ETL initial and incremental load techniques (to include, but not limited to: checksums, CDCs, and time stamps) to effectively load data into a data warehouse/data mart. Additionally, students will be exposed to real-time problems which occur while performing ETL, including multiple data operations (such as data profiling, data cleansing, and data verification).</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Manage ETL strategies - Perform initial and incremental loads - Learn incremental load, CDC, Check Sum, and Time Stamp techniques - Perform data profiling, cleansing, validation, and verification 	25
SQL Server Integration Services (SSIS)	<p>This course covers the Extract, Transform, and Load (ETL) data technique utilizing SQL Server 2012 Integration Services/SSDT. This course will cover how to create, edit, deploy, schedule, and manage SSIS packages; Managing packages utilizing configuring control flow, data flow, and event handling. Additionally, students will learn about the implementation of loggings, checkpoints, and error-handling techniques during package execution.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Learn SQL Server Data Tools (SSDT) - Create and edit SSIS packages - Configure control flow and data flow - Manage event handlers - Manage checkpoints, loggings, and error handling - Perform SSIS package configurations and deployments 	100

<p>SQL Server Analysis Services (SSAS)</p>	<p>In this course, students will learn how to design and implement Multidimensional OLAP cubes to support Business Intelligence (BI) solutions. The course will focus on SQL Server 2012/2014 Data Tools for design, creation and deployment of SQL Server BISM (Business Intelligence Semantic Model) Multidimensional Mode projects, and SQL Server Management Studio for the management of Multidimensional databases. The course will cover the building of a multidimensional cube in its simplest form to extend features within the cube, implementing MDX calculations, Key Performance Indicators (KPIs), Actions, and Dimension/Cube Intelligence. The main emphasis of the course is on the design and creation of cubes, however, basic administration and security of cubes is covered as well.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Create/manage OLAP cubes - ID and manage Key Perf Indicators (KPIs) - Manage actions, hierarchies, and calculations - Config and deployment of cubes 	<p>40</p>
<p>SQL Server Reporting Services (SSRS)</p>	<p>The course provides a fundamental understanding of the components of Reporting Services deployments, exploring its basic architecture and terminology. This course will cover how to create tabular, matrix, charts, and list reports which employ datasets based on ad-hoc queries and stored procedures. Candidates will be exposed to add custom expressions, custom functions, and report formatting. Additionally, students will implement shared data sources, interactive sorting, drill-down capabilities, and create parameter based reports using the Report Designer. Reports including gauges, indicators, spark lines, and maps will also be introduced. The course will introduce SQL Server Data Tools (SSDT) for SSRS 2012 project environment and Report Builder 3.0 applications for creating, saving and deploying reports.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Determine report layouts based on reporting nature and needs - Create matrix, tabular, chart, list, drill-down, and drill-through reports - Create parameter reports - Manage report security - Configure and deploy SSRS reports - Manage report servers 	<p>40</p>

Power BI	<p>In this course, students will learn how to create simple, yet elegant data models in PowerPivot. Students shall use these data models to create pivot tables based on multiple tables. Students will review another Add-In (Power View), create reports, navigate a Power View report, filter, and group. Students will use Power Query to build queries for extraction, transforming, and loading data. Students will use DAX language (for in-depth data analyses), create Power Maps, and display KPIs in Excel and Power BI Desktop.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Determine dashboard layouts based on information needs - Create dashboards - Implement filters and groups - Create scorecards with KPIs - Implement Power View and Power Pivot - Manage Excel services with Power BI 	20
Data Visualization using Tableau	<p>This course covers the designing of dashboards, Scorecards, and various other reports utilizing various charts and graphs (such as bar, pie, line, maps, histogram, and area charts). This course will cover theoretical and hands-on activities to reinforce acquired skills and knowledge in data visualization.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Create dashboards and scorecards according to needs - Create reports with multiple graphs (bar, pie, line, histogram, area charts) - Deploy reports and dashboards on Tableau servers - Manage data sources on report servers - Manage security roles, groups, and users on Tableau servers 	70

Name of Program	Data Warehouse (OLAP) Design Techniques
Program Description; Sequence of Instruction Overview	<p>Students will learn basic concepts, such as the purpose of Data Warehouses and how it is different from an OLTP database. The course will provide a thorough understanding of data warehousing concepts such as different types of dimensions, facts, and methodologies to design Data Warehouses or Data Marts. Student will be able to design DWHs using schemas such as STAR, SNOW FLAKE, and GALAXY. Students will be able to design multiple Slowly Changing, Degenerate, and Inferred Dimensions. In the concluding section, student will learn about ETL processes and options available to handle multiple data loads.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Develop and implement data warehouse designs - Perform requirements gathering - Analyze requirements - Identify star, snowflake, and galaxy schema - Manage dimensions and facts
Total Clock Hours	25 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

Name of Program	ETL Design Techniques
Program Description; Sequence of Instruction Overview	<p>This course focuses on extract, transform, and load techniques to populate dimensional models. Students will be exposed to multiple ETL initial and incremental load techniques (to include, but not limited to: checksums, CDCs, and time stamps) to effectively load data into a data warehouse/data mart. Additionally, students will be exposed to real-time problems which occur while performing ETL, including multiple data operations (such as data profiling, data cleansing, and data verification).</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Manage ETL strategies - Perform initial and incremental loads - Learn incremental load, CDC, Check Sum, and Time Stamp techniques - Perform data profiling, cleansing, validation, and verification
Total Clock Hours	25 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

Name of Program	SQL Server Integration Services (SSIS)
Program Description; Sequence of Instruction Overview	<p>This course covers the Extract, Transform, and Load (ETL) data technique utilizing SQL Server 2012 Integration Services/SSDT. This course will cover how to create, edit, deploy, schedule, and manage SSIS packages; Managing packages utilizing configuring control flow, data flow, and event handling. Additionally, students will learn about the implementation of loggings, checkpoints, and error-handling techniques during package execution.</p> <p>5Learning Objectives</p> <ul style="list-style-type: none"> - Learn SQL Server Data Tools (SSDT) - Create and edit SSIS packages - Configure control flow and data flow - Manage event handlers - Manage checkpoints, loggings, and error handling - Perform SSIS package configurations and deployments
Total Clock Hours	100 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

Name of Program	SQL Server Analysis Services (SSAS)
Program Description; Sequence of Instruction Overview	<p>In this course, students will learn how to design and implement Multidimensional OLAP cubes to support Business Intelligence (BI) solutions. The course will focus on SQL Server 2012/2014 Data Tools for design, creation and deployment of SQL Server BISM (Business Intelligence Semantic Model) Multidimensional Mode projects, and SQL Server Management Studio for the management of Multidimensional databases. The course will cover the building of a multidimensional cube in its simplest form to extend features within the cube, implementing MDX calculations, Key Performance Indicators (KPIs), Actions, and Dimension/Cube Intelligence. The main emphasis of the course is on the design and creation of cubes, however, basic administration and security of cubes is covered as well.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Create/manage OLAP cubes - ID and manage Key Perf Indicators (KPIs) - Manage actions, hierarchies, and calculations - Config and deployment of cubes
Total Clock Hours	40 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

Name of Program	SQL Server Reporting Services (SSRS)
Program Description; Sequence of Instruction Overview	<p>The course provides a fundamental understanding of the components of Reporting Services deployments, exploring its basic architecture and terminology. This course will cover how to create tabular, matrix, charts, and list reports which employ datasets based on ad-hoc queries and stored procedures. Candidates will be exposed to add custom expressions, custom functions, and report formatting. Additionally, students will implement shared data sources, interactive sorting, drill-down capabilities, and create parameter based reports using the Report Designer. Reports including gauges, indicators, spark lines, and maps will also be introduced. The course will introduce SQL Server Data Tools (SSDT) for SSRS 2012 project environment and Report Builder 3.0 applications for creating, saving and deploying reports.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Determine report layouts based on reporting nature and needs - Create matrix, tabular, chart, list, drill-down, and drill-through reports - Create parameter reports - Manage report security - Configure and deploy SSRS reports - Manage report servers
Total Clock Hours	40 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

Name of Program	Power BI
Program Description; Sequence of Instruction Overview	<p>In this course, students will learn how to create simple, yet elegant data models in PowerPivot. Students shall use these data models to create pivot tables based on multiple tables. Students will review another Add-In (Power View), create reports, navigate a Power View report, filter, and group. Students will use Power Query to build queries for extraction, transforming, and loading data. Students will use DAX language (for in-depth data analyses), create Power Maps, and display KPIs in Excel and Power BI Desktop.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Determine dashboard layouts based on information needs - Create dashboards - Implement filters and groups - Create scorecards with KPIs - Implement Power View and Power Pivot - Manage Excel services with Power BI
Total Clock Hours	20 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

Name of Program	Data Visualization using Tableau
Program Description; Sequence of Instruction Overview	<p>This course covers the designing of dashboards, Scorecards, and various other reports utilizing various charts and graphs (such as bar, pie, line, maps, histogram, and area charts). This course will cover theoretical and hands-on activities to reinforce acquired skills and knowledge in data visualization.</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> - Create dashboards and scorecards according to needs - Create reports with multiple graphs (bar, pie, line, histogram, area charts) - Deploy reports and dashboards on Tableau servers - Manage data sources on report servers - Manage security roles, groups, and users on Tableau servers
Total Clock Hours	70 Hours
Graduation Requirements	To complete this program a student must complete all prescribed courses and earn a grade of “C” or better.
Final Tests or Exams	Yes. Students are evaluated through written and performance assessments.
Required Internship or Externship	None
SOC Code	(15-1132.00) Software Developers, Applications Software Developers.

2020 Start Dates

February 24, 2020

April 9, 2020

May 24, 2020

July 8, 2020

August 22, 2020

October 6, 2020

November 20, 2020

- Classes are held Monday-Friday 9:00 am - 5:00 pm
- Students are expected to be available during the allotted classroom schedule
- Students are constituted as full-time with 40 hours per week including classroom, lab and coaching
- Start Dates may be changed based on the quantity of participants in a Cohort.
- Participants will be notified in advanced if the course is canceled or postponed to a later date.

2020 Holiday Schedule

1/1/2020	Wednesday	New Year Day
2/17/2020	Monday	President's day
5/25/2020	Monday	Memorial Day/
7/3/2020	Friday	Independence Day
9/7/2020	Monday	Labor Day
11/26/2020	Thursday	Thanksgiving Day
11/27/2020	Friday	Day after Thanksgiving
12/25/2020	Friday	Christmas Day
12/31/2020	Thursday	New Year's Eve