

TheDevMasters
17875 von Karman Ave. Suite 122, Irvine, CA 92614
Office: (888) 713-9711
www.thedevmasters.com

Catalog of Courses
January 1, 2022 to December 31, 2022

Institutional Mission and Objectives	1
Instructional Location	1
Description of the Facilities & Type of Equipment Used for Instruction.....	1
Library Resources.....	1
NOTICE CONCERNING TRANSFERABILITY OF CREDITS	2
Admissions Policies & Recognition of Credits	2
Visa Related Services	2
Language Proficiency	2
Language of Instruction	2
English as a Second Language Instruction.....	2
Accreditation Status.....	3
STRF Disclosure	3
Privacy Act	4
Student Conduct	4
Nondiscrimination Policy	4
Academic Freedom.....	4
Sexual Harassment	5
Student's Right to Cancel	5
Policies and Procedures Regarding Financial Aid.....	6
Loan Repayment	6
Financial Aid Disclosures	6
Grades and Standards for Student Achievement - Satisfactory Progress	6
Attendance Policy – All Programs	7
Academic Probation and Dismissal Policies	7
Leaves of Absence.....	7
Student Grievance Procedures – Student Rights	7
Student Services	8
Placement Services	8
Student Housing	8
Student Records and Transcripts	8
Return of Lessons and Projects (distance education).....	9
Professions – Requirements for Eligibility for Licensure	9
Charges: Tuition & Fees	9
Faculty	10
Programs.....	10
REQUIRED DISCLOSURES	13

Institutional Mission and Objectives

The mission of TheDevMasters is to build next generation entrepreneur data scientist. TheDevMasters serves a diverse student body by providing an accessible and exemplary educational and is dedicated to providing high quality demand driven and competency based curriculum designed to enhance knowledge, skills, abilities and critical thinking.

It is the goal of the school to fulfill the educational expectations of students and faculty and to provide the community with professionals capable of meeting the challenges in the field of information technology.

In support of the TheDevMasters mission, the institute's objectives are;

- Creating a positive learning environment that recognized individuality and enable students to meet their unique educational goals.
- Generating excitement and foster the desire to learn through diverse teaching methods.
- Maintaining a qualified, caring faculty and staff dedicated to the personal and professional development of each student
- Remaining at the forefront of education by supporting continuing education and training for graduates, faculty and staff.
- Instilling a quality philosophy in students, staff, and faculty to continually exceed expectations
- Preparing and encouraging students to pursue lifelong learning
- Offering graduates viable career options by providing quality educational programs based on employer-driven requirements.

Instructional Location

TheDevMasters
17875 von Karman Ave. Suite 122,
Irvine, CA 92614

Description of the Facilities & Type of Equipment Used for Instruction

The school is located on the second floor of a two story building three blocks from the intersection of the 55 and 405 freeways in the city of Irvine. The school facility is approximately 840 square feet with sufficient parking available in the front of the building. The administrative area is divided into a reception area and two classrooms. Restrooms are available in the building. At the present time the computer classrooms are equipped with modern and currently in use systems including laptops, a projector and standard peripherals.

Personal computers, network computers and servers along with standard peripherals are utilized.

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. Staff members are also available to provide research assistance.

Website Links

1. <https://github.com/>
2. <https://chrisalbon.com/>
3. <https://www.kaggle.com/>
4. <https://towardsdatascience.com/>
5. <https://keras.io/>
6. <https://www.python.org/>

NOTICE CONCERNING TRANSFERABILITY OF CREDITS AND CREDENTIALS EARNED AT OUR INSTITUTION

The transferability of credits you earn at theDevMasters 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 theDevMasters to determine if your certificate will transfer.”

Admissions Policies & Recognition of Credits

1. Student must have graduated from high school, or earned a GED.
2. 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.
3. This institution does not award credit for satisfactory completion of CLEP or other comparable examinations.
4. This institution does not award credit for experiential learning.
5. No Ability to Benefit Students will be admitted. .
6. 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.

Language Proficiency

The following apply to students for whom English is not their primary language and will be taught in English

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.

STRF Disclosure

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

TheDevMasters 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.

TheDevMasters 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).

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, 17875 Von Karman Ave. Suite 122, Irvine, CA 92614 or by email to arshad@thedevmasters.com.

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.

Instruction Not Offered in Real Time

The student shall have the right to cancel the agreement and receive a full refund before the first lesson and materials are received. 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.

Notice Regarding Distance Educational Programs

The school will transmit your first lesson and other materials to you within seven days after your admission. This institution will transmit all of the lessons and other materials to you if (A) you have fully paid for the educational program; and (B) if after having received the first lesson and initial materials, you request in writing that all of the materials be sent. If this institution transmits the balance of the materials per your request, this institution shall remain obligated to provide other educational services it agreed to provide, such as responses to student inquiries, student and faculty interaction, and evaluation and comment on lessons submitted by you. This institution shall not be obligated to pay any refund after all of the lessons and materials have been transmitted.

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 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. 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

The institution does provide financial aid directly to its students in the form of a monthly payment plan. No interest is charged, however late fees to apply for late payments two or more days delinquent. All financial arrangements must be made before the beginning of classes. The school will contact students who are delinquent in paying tuition and fees. They will be encouraged to make specific arrangements with the institute in order to remove their delinquency and remain in good financial standing.

Grades and Standards for Student Achievement - Satisfactory Progress

Evaluation

Grades are awarded on a pass / fail basis. Rubrics are used by instructors to record student acquisition and mastery of assorted skills.

Pass / Fail Standard on Projects: All student will be required to score an average rubric score of 3.0 on all project assignments.

Pass/ Fail Capstone Project: All student will be required to score an average rubric score of 5.0 on all project assignments.

Evaluation

Type	Weight		Type	Grade Scale	Grade
Capstone Project	25%		Capstone Project	5.0 or above	Pass
Attendance/Participation	25%		Rubric Average	3.0 or above	Pass
Projects	50%		Rubric Average	3.0 or above	Pass

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

Students are required to attend more than 75% of the scheduled sessions throughout the entire program. When a student falls below 85% attendance they will be given a verbal warning by their instructor. When a student falls below 80% 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 Program Director. 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

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 5 days. To further assure this timely communication, you must respond to each of your instructor's inquiries within 5 days as well.

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: TheDevMasters, 17875 von Karman Ave. Suite 122, Irvine, CA 92614 or by email to arshad@thedevmasters.com

Leaves of Absence

It is the policy of the school to not grant a Leave of Absence to students.

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: TheDevMasters, 17875 von Karman Ave. Suite 122, Irvine, CA 92614 or by email to arshad@thedevmasters.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 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.

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 \$1,800 a month. (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 copy of the signed enrollment agreement, school performance fact sheet, diploma granted, transcript of grades earned, high school diploma or GED, copies of all documents signed by the student including contract, instruments of indebtedness and document related to financial aid, leave of absence documents, financial ledger, refund information as applicable, complaints received from the student or student advisories related to academic progress. 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 five 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.

Charges: Tuition & Fees

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

Other Fees: The following fees and charges are costs that students may incur beyond the basic tuition cost for specific programs. Fees are charges when services are rendered.

Credit Card Transaction Fee: 3% of the charged amount per transaction

Return Check Fee: \$25

Transcript Fee: \$25 (two copies)

Data Science for Professionals

Tuition	\$4,982.50	
STRF	\$12.50	(non refundable)
Total Charges for Current Period of Attendance		\$4,995
Estimated Total Charges for the Entire Educational Program		\$4,995

Mastering Applied Data Science

Tuition	\$9,970	
STRF	\$25.00	(non refundable)
Total Charges for Current Period of Attendance		\$9,995
Estimated Total Charges for the Entire Educational Program		\$9,995

Master Applied Data Science with Deep Learning

Tuition	\$14,957.50	
STRF	\$37.50	(non refundable)
Total Charges for Current Period of Attendance		\$14,995
Estimated Total Charges for the Entire Educational Program		\$14,995

Faculty

Kate Ta

Kate has earned a Bachelors of Arts in Mathematics from CSU Fullerton in 2016. She has over 5 years experience in using Python, R, HTMLS, CSS and three years experience in C++, SQL and MacroVBA

Jay Mairs

Jay holds a M.S. in Physics and a B.A. in Applied Mathematics. He has over 20 years experience in various positions and is the co-founder of SKJM,LLC. a developer of mobile applications for iOS and Android devices.

Sidy Danioko

Sidy holds Masters degrees in Mathematics, Computational Physics, Financial Engineering and is a PhD Candidate in Computational and Data Sciences. Sidy has over 5 years experience teaching at colleges including the University of Memphis, Mississippi Northwest Community College, University of Tennessee and Lemoyne Owen College in Memphis, Tn.

Programs

Name of Program	Data Science for Professionals	
Program Description	Data science is the study of data. It involves developing methods of recording, storing, and analyzing data to effectively extract useful information. The goal of data science is to gain insights and knowledge from any type of data — both structured and unstructured. “Data Science for Professionals” program is based on our Applied Labs teaching methodology with hands-on learning and is a 5-day (Monday – Friday) program.	
Program Mission & Objectives	During the 5-day program, students will cover the fundamentals of data science and hone their skills through various projects and assignments. Upon completion, students will compete with their peers in a private Kaggle competition to showcase what they’ve learned throughout the course.	
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 “pass”.	
Job Classification	SOC 11-3021	
Final Tests or Exams	No	
Module Name	Description	Hours
Session 1: Introduction to Data Science, Big Data and Web Scrapping	Description – Students will be introduced to Data Science and to the popular Cross Industry Standard Process for Data Mining (CRISP- DM) framework. Followed by what is Big Data and how it differs from data and introduction to python libraries i.e. Beautiful Soup for web scrapping. Second half of the day would include introduction to cloud-based machine learning platforms Amazon AWS and Microsoft Azure.	8
Session 2: Exploratory Data Analysis and Visualization	Description – Students will be working on Exploratory Data Analysis (EDA) using pandas and other data management tools to get a better understanding of data at hand. EDA would include visualization using Matplotlib, Seaborn and Tableau.	8

Session 3: Supervised and Unsupervised Machine Learning	Description – Students will be introduced to main concepts of machine learning, supervised and unsupervised techniques. Followed by regression-based machine learning algorithms multivariable, ridge and lasso regression. Second half of the day, students will dive into classification algorithms, such as Naïve Bayes, Decision Trees, Random Forest, and Gradient boosting. Along with scoring using precision, recall, sensitivity, specificity, and accuracy score, AUC, and ROC. Students will end the day by working with unsupervised machine learning using KMeans..	8
Session 4: Recommender Systems and Natural Language Processing	Description – Students will be introduced to different types of recommender systems and work towards building their own recommender system with an e-commerce dataset. Later during the day, they will explore the Natural Language Toolkit to process and extract text data. Students will then start a Natural Language Processing project with Yelp data before we move onto Sentimental Analysis to predict positive versus negative Yelp reviews.	8
Session 5: Deep Learning and Project	Description – Students will be introduced to Deep learning. They will train neural network and visualize what a neural network has learned using Tensor Flow Playground. The training will end with a capstone project from Kaggle.	8

Name of Program		Mastering Applied Data Science
Program Description	Mastering Applied Data Science is a project-driven course that will teach students the practical aspects of Data Science, such as collecting data by web scrapping, validation of information in data by data analysis, comparing models created by ML and DL algorithms by interpreted metrics, and more.	
Program Mission & Objectives	At the completion of this program the student will be able to Develop AI programs	
Total Clock Hours	224 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 “pass”.	
Job Classification	SOC 15-1199	
Final Tests or Exams	No	
Module Name	Description	Hours
Foundations	Description – In this module, the student will be introduced to Python programming, key concepts of Statistics relevant to Data Science, basics of web page development and basic SQL queries that will be regularly used in Data Science. At the completion of this module the student will be able to develop programs in Python, implement basic concepts in Statistics, build web pages using HTML & CSS and execute SQL queries related to Data Science.	32

Machine Learning	<p>Description – Machine learning is a method of data analysis that automates analytical model building. It is based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.</p> <p>At the completion of this module the student will be able to analyze the problem, enhance database entries based on the requirement, develop and train the programs using different machine learning models. The end goal is to predict the outcome of the problem with the highest accuracy.</p>	96
Artificial Intelligence	<p>Description – AI is the development of computer systems to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages.</p> <p>At the completion of this module the student will be able to build advanced programs using recommender systems, develop a NLP (Natural Language Processing) project, analyze and utilize data engineering, develop simple Deep Learning programs using Tensorflow and Computer Vision.</p>	96
Total		224

Name of Program	Mastering Applied Data Science with Deep Learning	
Program Description	Mastering Applied Data Science + Deep Learning is a project-driven course that will teach students the practical aspects of Data Science, such as collecting data by web scrapping, validation of information in data by data analysis, comparing models created by ML and DL algorithms by interpreted metrics, and more. Deep learning is a branch of machine learning based on a set of algorithms that attempt to model high-level abstractions in data inspired by the structure and function of the brain called artificial neural networks.	
Program Mission & Objectives	At the completion of this program the student will be able to Develop AI programs using Machine Learning and Deep Learning.	
Total Clock Hours	288 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 “pass”.	
Job Classification	SOC 15-1111	
Final Tests or Exams	No.	
Module Name	Description	Hours
Foundations	<p>Description – In this module, the student will be introduced to Python programming, key concepts of Statistics relevant to Data Science, basics of web page development and basic SQL queries that will be regularly used in Data Science.</p> <p>At the completion of this module the student will be able to develop programs in Python, implement basic concepts in Statistics, build web pages using HTML & CSS and execute SQL queries related to Data Science.</p>	32
Machine Learning	Description –	96

	<p>Machine learning is a method of data analysis that automates analytical model building. It is based on the idea that systems can learn from data, identify patterns and make decisions with minimal human intervention.</p> <p>At the completion of this module the student will be able to analyze the problem, enhance database entries based on the requirement, develop and train the programs using different machine learning models. The end goal is to predict the outcome of the problem with the highest accuracy.</p>	
Artificial Intelligence	<p>Description – AI is the development of computer systems to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages. At the completion of this module the student will be able to build advanced programs using recommender systems, develop a NLP (Natural Language Processing) project, analyze and utilize data engineering, develop simple Deep Learning programs using Tensorflow and Computer Vision.</p>	96
Deep Learning	<p>Description – Deep learning is a subset of machine learning, a branch of artificial intelligence that configures computers to perform tasks through experience. At the completion of this module the student will be able to develop Advanced Neural Networks using TensorFlow and Keras libraries. Develop Deep Learning models for NLP and Time Series Forecasting.</p>	64
	Total Hours	288

REQUIRED DISCLOSURES

- 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.
- 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.
- 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.
- 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.
- 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.

- 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., #225 Sacramento, CA 95834, P.O. Box 980818, West Sacramento, CA 95798, www.bppe.ca.gov, toll free telephone number (888) 370-7589 Fax (916) 263-1897
- A student or any member of the public may file a complaint about this institution with the Bureau for Private Postsecondary Education by calling (888) 370-7589 or by completing a complaint form, which can be obtained on the bureau's Internet Web site www.bppe.ca.gov.