



ALEN SOUTH LAKE
UNIVERSITY

CATALOG

2023 - 2024

Volume 2





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MESSAGE FROM THE PRESIDENT

Welcome to ALLEN SOUTH LAKE UNIVERSITY! Congratulations on taking action to achieve your dreams and goals. It is my hope that your experience at our institution will be positive and transformative! I am a firm believer that every individual has incredible potential. I know this because I am proof of this. From humble beginnings, throughout my life I have worked very hard and I have accomplished all that I have desired. It is my time to hold that ladder for you, to help you become a better version of yourself!!

At my core, I believe that education is the most powerful catalyst to help an individual strive for greatness. To unlock a new mentality, one of abundance and possibility. To develop valuable skills that can help transform ideas and dreams into actions and achievements. To generate a sustainable life, one that provides for your present and the future. In order to do so, one must work hard, with a clear vision! We hope that through our programs and tools, we can help you develop this transformative change.

We are committed to you and your success. We have created forward-looking programs to help you become productive in the ever-changing labor force. Our faculty is eager to share their theoretical and practical knowledge with you. Our technological platform will be the launching point for this process. We are confident that we will generate plenty of value for you. An ever-changing labor force. Our faculty is eager to share their theoretical and practical knowledge with you. Our technological platform will be the launching point for this process. We are confident that we will generate plenty of value for you.

Welcome again! I look forward to seeing you grow. I look forward to watching you unleash that magnificent talent within you. My team is elated to welcome you to the Allen South Lake University family, to be a part of your journey, and to become a platform for your success. Now let's get to work.

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PURPOSE

The current university was condemned to decline as the British Encyclopedia disappeared. We are the University of Invention and the Future. We have set out to be the best online university in the world. We have proposed this destiny with all the strength of our will and our dreams. The new technological and scientific reality demands the awakening of human potential at the same rate as the acceleration of science and technology. We know that in every being there is a giant at rest, a potential genius, a hero, or something else, and we have set out to develop that something else. With the creativity to invent new realities, with the leadership and business and managerial professionalism to direct our destiny, and possibly approaching mankind.

MISSION

We are one step ahead of the future because we invented it, and when we succeed at that moment, we invent it again. Our characteristic is invention; beyond innovation, we invent new professions and the professions of the future. We invent new companies that will invent the new economy. In each of our students' life projects, we invent infinite wealth because creativity, innovation, and invention is inexhaustible.

We train our students with a sense of history and greatness; they learn to do the impossible with deep scientific, ethical, aesthetic, and supportive criteria. The urgency now is to save planet Earth and the survival of the human race. This great task is our responsibility, our duty, and our commitment.

OBJECTIVES

- To create an online environment conducive to the development of knowledge in order to attain sustainable growth in the social, cultural, technological, economic, and environmental fields.
- To focus on the Hispanic and other vulnerable populations, promoting knowledge and integrating it with critical thinking in their inter-disciplinary and social dimensions that will lead them to discernment, pacification, and integration through innovation and internationalization.

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- To sustain quality online education, knowledge creation, and sharing through information technology-based knowledge organization, innovation in technology, philosophy, and processes, and continuous improvement.
- To develop human capital in its personnel, expanding research internally and with its stakeholders.
- To create strategic partnership agreements with other universities in order to solidify academic and research growth.
- To implement updated instructional technology in order to provide quality delivery of our higher education programs.
- To create academic strategies that will allow students and professors to meet in forums, chats, and conferencing to fulfill the requirements of research and academic promotion
- To foster innovation through research, the assets and dissertation

LICENSURE STATUS

Alen South Lake University is licensed by the Commission for Independent Education, Florida Department of Education

Additional information regarding Alen South Lake University may be obtained by contacting the Commission for Independent Education at 325 West Gaines Street, Suite 1414, Tallahassee, Florida 32399, or toll-free at (888) 224-6684.

Link to the Florida Commission for Independent Education: <http://fldoe.org/policy/cie/>

OUR FACILITIES

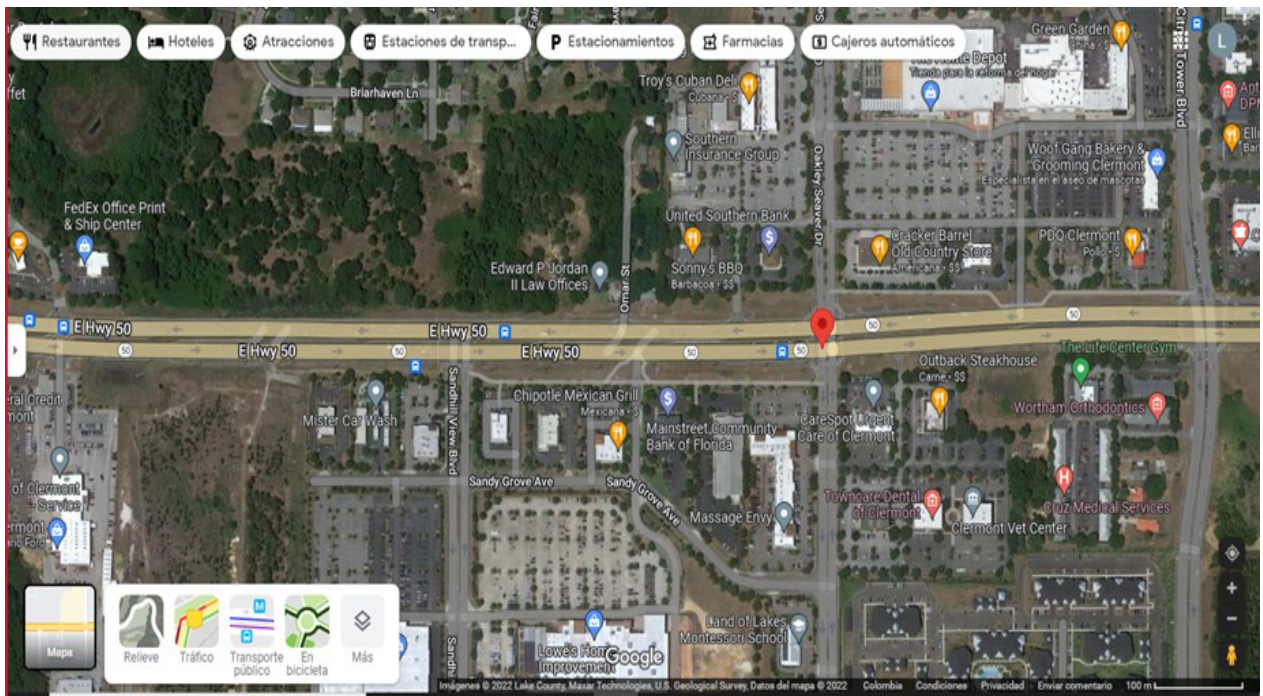
1655 E. Hwy 50 Suite 323 Clermont, FL 34711 ALEN South Lake University counts on these physical facilities to support administrative efforts. All academic endeavors are carried out on the online platform.

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<https://goo.gl/maps/ZeTMrPoKgJy9ACPT7>

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ACADEMICS

Method of Instruction: Online Delivery

Allen South Lake University is aware that appropriate online instruction enables the effective achievement of educational goals. It is important to maintain that the student will have a space to reflect and acquire knowledge from the materials, the interaction with the instructor, and the learning community.

The online platform will allow these interactions to be more flexible. It is important to outline the following criteria:

The instructor has knowledge of online instructional technology and can help students who have any issues.

The virtual classroom will find relevant information to schedule activities, facilitators, support material, a list of participants, assessments, activities, and other information by phase.

The delivery of activities must be done according to the established schedule and with the constant attention of the teachers.

The flexibility offered by virtual studies is that it is not necessary to attend a class room; however, forums or conferences can be set up online when teachers deem appropriate, at a predetermined fixed schedule, one day a week at the most (and not every week). You can pursue studies at home or at your workplace, anywhere in the world.

Class Schedules

Once the registration process is finished, students can start taking their online classes.

They are expected to take and finish at least one course every month. If they want to take more than one course per month, this has to be approved by the academic coordinator.

Online Structure

ALLEN SOUTH LAKE UNIVERSITY has developed alliances with strategic partners to host its technological infrastructure and guarantee the reliability needed for its educational purposes.

The servers have ample hosting capabilities providing all the web management privileges and the creation of several sites through FTP, which allows us to have total control over our website. Web hosting offers an advanced platform that operates with Linux under the best performance

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characteristics so as to provide greater reliability for the websites and applications management. The server includes a remote desktop connection with all the management benefits necessary to be able to install and execute any application.

Moreover, the hosting comes with unlimited domains, database creation, and performance customization to meet our needs.

The Academic Calendar

ALEN SOUTH LAKE UNIVERSITY has registration throughout the year, from January to December. Students can start their classes as soon as the registration process is completed.

MASTER'S DEGREES

Period 1:	Date
Beginning of Enrollment	18/09/2023
Registration end date	1/10/2023
Start of period	2/10/2023
end of period	27/11/2023
Delivery of grades academic closure	1/12/2023
Period 2:	Date
Beginning of Enrollment	2/12/2023
Registration end date	16/12/2023
Start of period	18/12/2023
Beginning of the holiday period	23/12/2023
End of vacation period	7/01/2024
End of period	26/02/2024
Delivery of grades academic closure	3/03/2024
Period 3:	Date

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Beginning of Enrollment	4/03/2024
Registration end date	17/03/2024
Start of period	18/03/2024
end of period	13/05/2024
Delivery of grades academic closure	19/05/2024
Period 4 (Summer 8 weeks):	Date
Beginning of Enrollment	20/05/2024
Registration end date	2/06/2024
Start of period	3/06/2024
end of period	29/07/2024
Delivery of grades academic closure	4/08/2024
Period 5:	Date
Beginning of Enrollment	5/08/2024
Registration end date	18/08/2024
Start of period	19/08/2024
end of period	14/10/2024
Delivery of grades academic closure	20/10/2023

ASSOCIATES AND BACHELOR'S DEGREES

Period 1:	Date
Beginning of Enrollment	13/11/2023
Registration end date	26/11/2023
Start of period	27/11/2023
Beginning of the holiday period	23/12/2023

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End of vacation period	7/01/2024
End of period	3/03/2024
Delivery of grades academic closure	10/03/2024
Period 2:	Date
Beginning of Enrollment	11/03/2024
Registration end date	24/03/2024
Start of period	25/03/2024
End of period	16/06/2024
Delivery of grades academic closure	23/06/2024
Period 3 (Summer 8 weeks):	Fecha
Beginning of Enrollment	24/06/2024
Registration end date	7/07/2024
Start of period	8/07/2024
End of period	1/09/2024
Delivery of grades academic closure	8/09/2024
Period 4:	Date
Beginning of Enrollment	9/09/2024
Registration end date	22/09/2024
Start of period	23/09/2024
end of period	15/12/2024
Delivery of grades academic closure	22/12/2024
Beginning of the holiday period	23/12/2024
End of vacation period	7/01/2025

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Period 5:	Date
Beginning of Enrollment	8/01/2025
Registration end date	19/01/2025
Start of period	20/01/2025
end of period	13/04/2025
Delivery of grades academic closure	20/04/2025
Period 6 (Summer 2025 8 weeks):	Date
Beginning of Enrollment	21/04/2025
Registration end date	4/05/2025
Start of period	5/05/2025
end of period	29/06/2025
Delivery of grades academic closure	6/07/2025
Period 7:	Date
Beginning of Enrollment	7/07/2025
Registration end date	20/07/2025
Start of period	21/07/2025
end of period	12/10/2025
Delivery of grades academic closure	19/10/2025

ALLEN University observes the following Holidays:

- New Year’s Day (January 1st)
- Martin Luther King Day
- President’s Day
- Easter (Thursday and Friday)
- Memorial Day

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- Independence Day (July 4th)
- Labor Day
- Thanksgiving (Thursday and Friday)
- Christmas (Dec. 24–25)
- New Year (Dec. 30 -31)

Learning Platform

Our learning platform is an e-learning education system anchored on the widely tested and tried Moodle 4.0 with added custom tools for enhanced performance. Some of the elements contained in the ALEN SOUTH LAKE UNIVERSITY teachers speak English and/or Spanish. Some of the elements contained in the platform are:

- The course syllabus: outlines the structure of the class.
- Forums: This asynchronous tool allows class participants to create threads of information that will be available throughout the class; it's a great tool for studying down the road.
- Chats allow students to interact with other students and the Calendar: reminds students of class progress and tasks, quizzes, or exams ahead.
- Document load zone: throughout the course, students will have spaces to upload their assignments in a clear and convenient

Language

ALEN SOUTH LAKE UNIVERSITY developed a completely bilingual online platform (English/ Spanish). This platform allows the instructor to teach postsecondary courses in English and/or Spanish. To guarantee the quality of the academic experience, the university adapted its platform with the following features:

1. Bilingual online: This feature will allow students to navigate through their courses, academic resources, and, in general, all the information available in English and Spanish.
2. Bilingual course design. ALEN SOUTH LAKE UNIVERSITY has developed all of its courses in English and Spanish; this will allow students to access the same academic content in both languages if needed.
3. Our bilingual faculty and our human capital are the keys to our operations. ALEN SOUTH LAKE UNIVERSITY hires bilingual professionals, or those who can communicate in English or Spanish.

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Language Disclaimer

COMPLETING A COURSE OR PROGRAM IN A LANGUAGE OTHER THAN ENGLISH MAY REDUCE EMPLOYABILITY WHERE ENGLISH IS REQUIRED

Credit Hour

One credit is equivalent to 15 hours of interaction between the student and the instructor. A standard course includes 45 hours of student instructor interaction. This interaction is both synchronic and non-synchronic. In addition to the interaction with the instructor, a student is expected to devote a minimum of 30 hours per credit to reading course materials and other independent studies.

Grading System

Upon completion of each course, a letter grade (as described below) shall be issued to the student reflecting the student's measured performance on that course. In the event that the student is issued a passing grade, ALEN LAKE UNIVERSITY shall issue the credits for that course to the student. A passing grade shall be defined as any grade other than a failing grade, or an "F," as described below. In order to satisfy program completion requirements, the student must receive credit for that course. The grade Point Average (GPA) shall be computed by a computation of grades received on each course registered by the student, as described below. Each grade represents a grade point number as per the following table.

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GRADE	PERCENTAGE	GPA
A	95-100	4.0
A-	90-94	3.7 - 3.9
B+	87-89	3.3 - 3.6
B	84-86	3.0 - 3.2
B-	80-83	2.7 - 2.9
C+	77-79	2.3 - 2.6
C	74-76	2.0 - 2.2
C-	70-73	1.7 - 1.9
D+	67-69	1.5 - 1.6
D	64-66	1.3 - 1.4
D-	60-63	1.0 - 1.2
F	59 or <	0 - 0.9

WF (withdrawal, failing): is assigned to students who request a withdrawal after the eighth-class cycle and are failing the course at the time, or attend the course at least once and then stop attending the class. A "WF" grade counts as an "F" in your GPA.

Other Grades I (incomplete): are assigned to students who have completed most of the course requirements but need extra time to finish an assignment or test. Incomplete grades must be agreed upon between the student and instructor.

IF (incomplete, failing): is assigned to students who requested an incomplete grade and did not finish the coursework within the designated time frame or complete the course, but failed. W (withdrawal)*: If a student needs to drop a course, but the period of add/drop has passed, he/she must inform the professor and the university. They will then receive a withdrawal form to complete and sign. This form must also be signed by the teacher and sent to the registrar's office.

This grade is assigned to students who either, request a withdrawal before the eighth-class meeting of a cycle, or request a withdrawal after the eighth-class meeting of a cycle, and within 3 calendar days from the last day of the course cause the grade of I (incomplete) to default to an F (fail) or U (unsatisfactory). WF (withdrawal, failing): is assigned to students who request a withdrawal after the eighth-class cycle and are failing the course at the time; or attend the course at least once and then stop attending the class. A "WF" grade counts as an "F" toward the student GPA.

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Minimum Academic Standard

A cumulative GPA of 2.5 is required to graduate in any Associate or Bachelor's degree program, and a cumulative GPA of 3.0 to graduate in any Master's degree program. A successful course completion rate will be achieved when the student earns at least 60% of the credits attempted each term.

To calculate a student's cumulative GPA, the earned grade points of a specific course are multiplied by the number of credits the specific course is worth. The total sum of the points obtained, after multiplying by the respective credits per course, is divided by the total number of credits attempted. Grades of I (incomplete) are given at the discretion of the faculty, but normally are granted only if students have acceptably completed approximately 80% of the coursework, including discussions and assignments, prior to the last day of the class.

Students must request a grade of I (incomplete) prior to the last day of the course. Such a request should include a list of missing assignments and a date and plan for the submission of missing assignments, no later than 3 calendar days from the last date of the course. Discussion assignments may not be made up after the last date of class and will be graded in accordance with submission as of the last date of class and faculty requirements. Failure to complete and submit the course requirements. The instructor is expected to respond within 24 hours during the weekdays, and 48 hours during the weekends. The same response time is used for evaluations that require the instructor's review, grading, and feedback. Technical support is provided within office hours. Response time during the weekdays is 24 hours and 48 hours during the weekends.

Evaluation

The course syllabus shows students what is expected of them throughout the course and includes didactic units, thematic units, study tasks, learning outcomes, and activities. Students are responsible for regularly reviewing the course syllabus and completing all required assignments and other programmed learning activities. The use of forums, chats, and other communication tools gives instructors the opportunity to provide continuing evaluation and feedback to students as they prepare their formal evaluations. Formal evaluations are implemented using assessments or quizzes. For assignments, a text file is submitted by the student; the instructor corrects it, gives feedback, and assigns a grade. Quizzes are corrected automatically, and the grading is instantaneous.

All exams are administered through our password -protected online platform. These exams are monitored through IP tracking to ensure the student is the only user. Students are expected to adhere to the timeline and retake policies provided by the professor in the syllabus. Any retakes are at the discretion of the professor. In particular occasions, it may be required to have proctored evaluation

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Response Time

When a student sends a message with a question or posts a message on a forum, the instructor is expected to respond within 24 hours during the weekdays, and 48 hours during the weekends. The same response time is used for evaluations that require the instructor's review, grading, and feedback. Technical support is provided within office hours. Response time during the weekdays is 24 hours and 48 hours during the weekends. Attendance and record keeping. All students must have a minimum of 15 hours of instructional teaching for each course. To demonstrate academic attendance, the student is required to do more than just "log in" to be documented as having attended an online course. Attendance is kept by the institution through its learning management system. Acceptable indications of attendance on an online course can include.

- Student submission of an academic assignment.
- Documented student participation in an interactive tutorial or computer-assisted instruction
- A posting by the student showing the student's participation in an online study group that is assigned by the institution.
- A posting by the student in a discussion forum showing the student's participation in an online discussion about academic
- An email from the student or other documentation showing that the student-initiated contact with a faculty member to ask a question about an academic subject studied in the academic programs.

ACADEMIC PROGRAMS

Associate of Science in Computer Science 60 c/h

Minor in computer engineering

Minor in computer systems

Associate of Science in Online Education 60 c/h

Minor in Coaching

Minor in Computer Innovation for Online Education

Associate of Science in Management 60 c/h

Minor in Business Intelligence

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Minor in Entrepreneurship

Minor in Sport Management

Minor in Digital Marketing

Bachelor of Science in Computer Science 120 c/h

Minor in computer engineering

Minor in computer systems

Bachelor of Science in Online Education 120 c/h

Minor in Coaching

Minor in Computer Innovation for Online Education

Bachelor of Science in Management 120 c/h

Minor in Business Intelligence

Minor in Entrepreneurship

Minor in Sport Management

Minor in Digital Marketing

Master of Science in Business Analytics 36 c/h

Master in Security Systems 39 c/h

Master in Artificial Intelligence 39 c/h

Master of Science in Online Education— 33 c/h

Minor in Coaching

Minor in Computer Innovation for Online Education.

Master in Digital Marketing 33 c/h

Master of Science in Entrepreneurship 33 c/h

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UNDERGRADUATE PROGRAMS

All the credits earned in an associate degree, at our institution, can be transferred to the bachelor's degree within our institution. Credits from other institutions awarded associate degrees, can be considered for transfer.

ASSOCIATE OF SCIENCE IN COMPUTER SCIENCE —60 CREDITS

Program Description: The Associate of Science in Computer Science degree is a foundation for students to enter the exciting fields of computer engineering or computer systems and contribute to technological advancement and innovation.

Program Objectives:

Upon completion of this program, students will have the ability to:

1. Identify computer engineering within the framework of data analysis and machine
2. Develop the ability to identify and know the programming languages like
3. Recognize the purpose and management of data management analysis.

Entrance Requirements:

- High School Diploma or GED
- Diplomas from previous studies
- Translation and official transcription of previous studies
- Copy of any official identification document
- Complete and send the agreement registration

Title Offered: Associate of Science in Computer Science in the selected minor.

GENERAL EDUCATION 15 CREDITS c/ h

GEN1000 English Composition I 3

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GEN1001 Innovation and disruptive thinking 3

MAT1007 College Algebra 3

GEN1003 Global & Environmental Sustainability 3

GEN1004 Creativity, art and superior intelligence 3

CORE CURRICULUM 30 CREDITS

COR1018 Critical Thinking 3

COR1021 Introduction to Computer Science 3

GEN3001 Fundamentals of Programming 3

COR1022 Computer Architecture 3

COR1023 Discrete Math for Comp Science 3

COR1024 Linear algebra 3

COR1025 Theory of Computing 3

ICT2044 Data Management I 3

COR1026 Digital Logic 3

COR1027 Human Computer Interaction 3

MINOR IN COMPUTER ENGINEERING 15 CREDITS

ICT4045 Cybersecurity 3

CEN2052 Fundamentals of Electricity and Magnetism 3

CEN2053 Data Structure 3

CEN2054 Object-oriented Programming 3

CEN2055 Professional Communication for Engineering 3

MINOR IN COMPUTER SYSTEMS 15 CREDITS

CSY2061 Operating Systems 3

CSY2062 Software Systems 3

CSY2063 Artificial Intelligence 3

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CSY2064 Computer Systems and Networks 3

ICT4045 Cybersecurity 3

ASSOCIATE OF SCIENCE IN MANAGEMENT—60 CREDITS

Program Description:

This program prepares the student for future managerial positions and provides fundamentals in the fields of business intelligence, entrepreneurship, sport management, or digital marketing.

Program Objectives:

Upon completion of this program, students will have the ability to:

1. Handle general business operations that require basic math and computer skills.
2. Communicate effectively with customers and co-workers in an organizational setting.
3. Carry out basic management, accounting, and marketing functions in a workplace environment.
4. Understand how to train, motivate, and supervise employees/associates to attain the goals of a business.
5. Establish and promote a collaborative work environment.
6. Work within the ethical, legal, and regulatory parameters of the industry.

Entrance Requirements:

- High School Diploma or GED
- Diplomas from previous studies
- Translation and official transcription of previous studies
- Copy of any official identification document
- Complete and send the registration agreement.

Title Offered: Associate of Science in Management in the selected minor

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GENERAL EDUCATION 15 CREDITS c/ h

GEN1000 English Composition I 3

GEN1001 Innovation and disruptive thinking 3

MAT1007 College Algebra 3

GEN1003 Global & Environmental Sustainability 3

GEN1004 Creativity, art and superior intelligence 3

CORE CURRICULUM 30 CREDITS

COR1018 Critical Thinking 3

COR1021 Human Resource Management 3

GEN3001 Fundamentals of Programming 3

COR1022 Brand Management 3

COR1023 Creativity & Innovation 3

COR1024 Macroeconomic 3

COR1031 Microeconomic 3

ICT2044 Data Management I 3

COR1026 Coaching & Leadership Skills 3

CHE4035 Emotional Intelligence 3

MINOR IN BUSINESS INTELLIGENCE 15 CREDITS c/h

MBI2071 Business Intelligence 3

MBI2072 Principles of Management and Business Intelligence 3

MBI2073 Strategy Planning for Business 3

MBI2074 International Business 3

MBI2075 Business Law 3

MINOR IN ENTREPRENEURSHIP 15 CREDITS

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MEN2081 Entrepreneurial skills 3

MEN2082 Bio Entrepreneurship 3

MEN2083 Entrepreneurship Creativity and Problem solving 3

MEN2084 Social Entrepreneurship 3

MEN2085 Opportunity Assessment 3

MINOR IN SPORT MANAGEMENT 15 CREDITS c/ h

MSM2091 Introduction to Sport Management 3

MSM2092 Entrepreneurship Tourism, Recreation and Sport Management 3

MSM2093 Sport Facilities and Event Management 3

MSM2094 Sport Finance and Economics 3

MSM2095 Moral and Ethical Reasoning in Sport 3

MINOR IN DIGITAL MARKETING 15 CREDITS c/h

MDM2101 Graphic Design 3

MDM2102 Digital Marketing 3

MDM2103 Digital Imaging and Manipulation 3

MDM2104 Global Marketing Management 3

MDM2105 Marketing Decision Analysis 3

ASSOCIATE OF SCIENCE IN ONLINE EDUCATION — 60 CREDITS

Program Description:

Online education is growing, and students are not familiar with the challenges, limitations and advantages of this form of learning. This course focuses on making students understand online education techniques, critical thinking, self-learning, digital citizenship and self-awareness.

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Program Objective:

After completing the Associate of Science in Online Education, students will be able to understand the online educational process, have an overview of the innovations in this area and the importance of the coaching process.

Entrance Requirements:

- High School Diploma or GED
- Diplomas from previous studies
- Translation and official transcription of previous studies
- Copy of any official identification document
- Complete and send the registration agreement.

Title Offered: Associate of Science in Online Education in the selected minor.

GENERAL EDUCATION 15 CREDITS c/ h

GEN1000 English Composition I 3

GEN1001 Innovation and disruptive thinking 3

MAT1007 College Algebra 3

GEN1003 Global & Environmental Sustainability 3

GEN1004 Creativity, art and superior intelligence 3

CORE CURRICULUM 30 CREDITS

COR1018 Critical Thinking 3

COR1021 Human Resource Management 3

GEN3001 Fundamentals of Programming 3

COR1022 Brand Management 3

COR1023 Creativity & Innovation 3

COR1024 Macroeconomic 3

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COR1031 Microeconomic 3

ICT2044 Data Management I 3

COR1026 Coaching & Leadership Skills 3

CHE4035 Emotional Intelligence 3

MINOR IN SPORT MANAGEMENT 15 CREDITS c/ h

MSM2091 Introduction to Sport Management 3

MSM2092 Entrepreneurship Tourism, Recreation and Sport Management 3

MSM2093 Sport Facilities and Event Management 3

MSM2094 Sport Finance and Economics 3

MSM2095 Moral and Ethical Reasoning in Sport 3

MINOR IN BUSINESS INTELLIGENCE 15 CREDITS c/h

MBI2071 Business Intelligence 3

MBI2072 Principles of Management and Business Intelligence 3

MBI2073 Strategy Planning for Business 3

MBI2074 International Business 3

MBI2075 Business Law 3

MINOR IN ENTREPRENEURSHIP 15 CREDITS

MEN2081 Entrepreneurial skills 3

MEN2082 Bio Entrepreneurship 3

MEN2083 Entrepreneurship Creativity and Problem solving 3

MEN2084 Social Entrepreneurship 3

MEN2085 Opportunity Assessment 3

MINOR IN DIGITAL MARKETING 15 CREDITS c/h

MDM2101 Graphic Design 3

MDM2102 Digital Marketing 3

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MDM2103 Digital Imaging and Manipulation 3

MDM2104 Global Marketing Management 3

MDM2105 Marketing Decision Analysis 3

CHE2033 Reaching and Engaging Online Learners through Technology 3

CHE2034 Creating an Effective Online Learning Environment 3

CHE2035 Engaging Culturally Diverse Learners 3

MINOR IN COMPUTER INNOVATION FOR ONLINE EDUCATION 15 CREDITS

ICT2046 Elective 3 ICT2042 Digital Teaching Platforms 3

ICT2043 Information Literacy and Technology 3

CHE2031 The coaching process 3

ICT2045 Programing for Online Education 3

BACHELOR OF SCIENCE IN COMPUTER SYSTEMS - 120 CREDITS

Program Description:

This program provides students with a solid foundation to develop the ability to analyze, synthesize, and design both core parts of modern computing systems centered around computers through learning the scientific foundation to hardware and software engineering and applying it in engineering exercises. Students are innovative in the design, research, and implementation of systems and products with strong problem-solving, communication, teamwork, leadership, and entrepreneurial skills.

Program Objectives:

Upon completion of this program, students will have the ability to:

1. Design and conduct experiments as well as to analyze and interpret data.
2. Focus on how information and computing systems support functioning in multi-disciplinary teams.

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3. Identify, formulate, and solve engineering problems.

Entrance Requirements:

- High School Diploma or GED
- Diplomas from previous studies
- Translation and official transcription of the previous studies
- Copy of any official identification document
- Complete and send the agreement registration.

Title Offered: Bachelor of Science in Computer Science in the selected minor.

GENERAL EDUCATION 30 CREDIT

GEN1000 English Composition I 3

GEN1001 Innovation and disruptive thinking 3

MAT1007 College Algebra 3

GEN1003 Global & Environmental Sustainability- 3

GEN1004 Creativity, art and superior intelligence- 3

GEN3000 English Composition II 3

GEN3001 Fundamentals of Programming 3

GEN3005 Fundamentals of science and technology 3

GEN3003 Knowledge management 3

GEN3004 Leadership and personal power 3

CORE CURRICULUM 60 CRED

COR1018 Critical Thinking 3

COR1021 Introduction to Computer Science 3

ICT2041 Programming languages 3

COR1022 Thermodynamics

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COR1023 Discrete Math for Computer Science 3
COR1024 Linear algebra 3
COR1025 Theory of Computing 3
ICT2044 Data Management I 3
COR1026 Digital Logic 3
COR1027 Human Computer Interaction 3
COR3021 Programming Abstractions 3
COR3022 Analytical Geometry and Calculus 3
ICT4046 Models and systems simulation 3
ICT4047 Machine Learning Challenge and Future Project 3
ICT4048 Robotics 3
COR3023 Technology Project Management 3
COR3024 Optimization 3
COR3025 Calculus 3
COR3026 General Physics 3
COR3027 Entrepreneurship Project 3

MINOR IN COMPUTER ENGINEERING 30 CREDITS

ICT4045 Cybersecurity 3
CEN2052 Computer Architecture 3
CEN2053 Data Structure 3
CEN2054 Object-oriented Programming 3
CEN2055 Professional Communication for Engineering 3
CEN4051 Statistics for Engineering Technology 3
CEN4052 Logic Programming 3
CEN4053 Data Communication and Networking 3

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CEN4054 Program Structure 3

CEN4055 Introduction and Implementation Machine Learning 3

MINOR IN COMPUTER SYSTEMS 30 CREDITS

CSY2061 Operating Systems 3

CSY2062 Software Systems Architectures 3

CSY2063 Artificial Intelligence 3

CSY2064 Computer Systems and Networks 3

CSY2065 Computer and Graphics 3

CSY4061 Network Management 3

CSY4062 Digital Logic and Computer Systems 3

CSY4063 Discrete Mathematics for Computer Science 3

CSY4064 Automata and Formal Languages 3

ICT4045 Cybersecurity 3

BACHELOR OF SCIENCE IN MANAGEMENT—120 CREDITS

Program Description:

The purpose of the Bachelor of Science in Management is to develop the business, communication, organizational, and computer applications skills necessary to become company leaders. Students learn to manage employees, maintain a budget and implement organizational changes. They may also be instructed in motivational strategies, techniques for virtual communication, and global business practices.

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Program Objectives:

Upon completion of this program, students will have the ability to:

1. Demonstrate effective written communication and analytical skills.
2. Apply management skills in decision-making and analysis of the organizational structure.
3. Examine ethical behaviors and legal implications of an organization in social, environmental, and corporate environments.
4. Evaluate the role of a manager in the global economy.
5. Develop critical thinking skills for analysis in strategic planning and innovation.
6. Develop socially responsible solutions to business problems in both local and global environments
7. To integrate functional business knowledge in a team setting.
8. Apply digital marketing in a management project.

Entrance Requirements:

- High School Diploma or GED
- Diplomas from previous studies
- Translation and official transcription of previous studies
- Copy of any official identification document
- Complete and send the registration agreement.

Title Offered: Bachelor of Science in Management in the selected minor

GENERAL EDUCATION 30 CREDITS

GEN1000 English Composition I 3

GEN1001 Innovation and disruptive thinking 3

MAT1007 College Algebra 3

GEN1003 Global & Environmental Sustainability 3

GEN1004 Creativity, art and superior intelligence 3

GEN3000 English Composition II 3

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GEN3001 Fundamentals of Programming 3

CHE4033 Coaching and Mentoring 3

GEN3003 Knowledge management 3

GEN3004 Leadership and personal power 3

CORE CURRICULUM 60 CREDITS

COR1018 Critical Thinking 3

COR1028 Human Resources Management 3

ICT2041 Programming languages 3

COR1029 Brand Management 3

COR1030 Creativity & Innovation 3

COR1024 Macroeconomic 3

COR1031 Microeconomic 3

ICT2044 Data Management I 3

COR1026 Coaching & Leadership Skills 3

CHE4035 Emotional Intelligence 3

COR3023 Technology Project Management 3

COR3027 Entrepreneurship Project 3

COR3028 Corporate Finance 3

COR3029 Data Analytics 3

COR3030 Accounting I 3

COR3031 Introduction to Statistics 3

COR3032 Fundamentals of Artificial Intelligence 3

COR3033 Leadership and Multicultural Environment 3

COR3034 Marketing 3

COR3035 Non-For-Profit Management 3

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MINOR IN BUSINESS INTELLIGENCE 30 CREDITS

- MBI2071 Business Intelligence 3
- MBI2072 Principles of Management and Business Intelligence 3
- MBI2073 Strategy Planning for Business 3
- MBI2074 International Business 3
- MBI2075 BI and Data Analysis 3
- MBI4071 Business Modeling 3
- MBI4072 Business to Business Marketing and Sales 3
- MBI4073 Decision Models and Analytics 3
- MBI4074 Disruptive Innovations 3
- MBI4075 Database design and data warehousing 3

MINOR IN ENTREPRENEURSHIP 30 CREDITS

- MEN2081 Entrepreneurial skills 3
- MEN2082 Bio Entrepreneurship 3
- MEN2083 Entrepreneurship Creativity and Problem solving 3
- MEN2084 Social Entrepreneurship 3
- MEN2085 Opportunity Assessment 3
- MEN4081 New Venture Planning 3
- MEN4082 Entrepreneurial Finance 3
- MEN4083 Entrepreneurial Consulting 3
- MEN4 N4084 Then entrepreneurial mindset
- MEN4 N4085 Corporate Innovation Strategies and Entrepreneurial Methods 3
- MEN4 N4084 The Entrepreneurial Mindset 3

MINOR IN SPORT MANAGEMENT 30 CREDITS

- MSM209 1 Introduction to Sport Management 3

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MSM209 2 Entrepreneurship Tourism, Recreation and Sport Management 3

MSM2093 Sport Facilities and Event Management 3

MSM2094 Sport Finance and Economics 3

MSM2095 Moral and Ethical Reasoning in 3

MSM4091 Strategic Sport Management 3

MSM4092 Legal Aspects of Sport 3

MSM4093 Research Methods in Sport Management 3

MSM4094 Sport in the Global Market 3

MSM4095 Biomechanics 3

MINOR IN DIGITAL MARKETING 30 CREDITS

MDM2101 Graphic Design 3

MDM2102 Digital Marketing 3

MDM2103 Digital Imaging and Manipulation 3

MDM2104 Global Marketing Management 3

MDM2105 Marketing Decision Analysis 3

MDM4101 Social Media Marketing 3

MDM4102 Machine Learning 3

MDM4103 Consumer Behavior 3

MDM4104 Neuromarketing 3

MDM4105 Digital Marketing Project 3

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BACHELOR OF SCIENCE IN ONLINE EDUCATION - 120 CREDITS

Program Description:

Graduates of the program are prepared to teach and coach others through online education. It prepares students to work with children, young people, and adults in digital learning environments. It also helps them develop skills for effective communication, collaboration, leadership, advocacy, and innovation, all of which are essential to education professionals.

Program Objectives

After completing the Bachelor of Science in Online Education, students will be able to develop Innovations options in online education and apply coaching strategies to empower others to overcome obstacles and limitations related to this different form of learning, developing habits and skills that will help them achieve their objectives.

Entrance Requirements:

- High School Diploma or GED
- Diplomas from previous studies
- Translation and official transcription of previous studies
- Copy of any official identification document
- Complete and send the registration agreement.

Title Offered: Bachelor of Science in Online Education in the selected minor.

GENERAL EDUCATION 30 Credits

GEN1000 English Composition I 3

GEN1001 Innovation and disruptive thinking 3

MAT1007 College Algebra 3

GEN1003 Global & Environmental Sustainability 3

GEN1004 Creativity, art and superior intelligence 3

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- GEN3000 English Composition II 3
- GEN3001 Fundamentals of Programming 3
- GEN3002 Development of Online Education 3
- GEN3003 Knowledge management 3
- GEN3004 Leadership and personal power 3

CURRICULUM 60 CREDITS

- ICT2041 Programming languages 3
- COR1012 Educational Technology 3
- COR1020 Learning Theories 3
- COR1014 Learning and Cognition 3
- COR1015 Self-Learning 3
- COR1016 Enhancing Learning for Diverse Populations 3
- COR1017 Learning Management Systems 3
- COR1018 Critical Thinking 3
- COR1019 Positive Psychology 3
- ICT2044 Data Management I 3
- COR3011 Child Development, Motivation, and Learning 3
- COR3012 Curriculum Design for Online Education 3
- COR3013 Assessments and Evaluation in Online Education 3
- COR3014 Teaching Adults, Theories and Frameworks 3
- COR3015 Copyrighted Materials in the Digital Age 3
- COR3016 Online Instructional Strategies for Adult Learners 3
- COR3017 Assessments in Online Environments for Adult Learners 3
- COR3018 Living and Learning in a Technological World 3
- COR3019 Creativity and Innovation 3

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COR3020 Research Theory, Design, and Methods 3

MINOR IN COACHING 30 CREDITS

CHE2031 The coaching process 3

CHE2032 Differentiated Instruction 3

CHE2033 Reaching and Engaging Online Learners through Technology 3

CHE2034 Creating an Effective Online Learning Environment 3

CHE2035 Engaging Culturally Diverse Learners 3

CHE4031 Group Dynamic and Communication 3

CHE4032 Cognitive Neuroscience 3

CHE4033 Coaching and Mentoring 3

CHE4034 Neuro Linguistic Programming (NLP) 3

CHE4035 Emotional Intelligence 3

MINOR IN COMPUTER INNOVATION FOR ONLINE EDUCATION 30 CREDITS

ICT2046 Elective 3

ICT2042 Digital Teaching Platforms 3

ICT2043 Information Literacy and Technology 3

CHE2031 The coaching process 3

ICT2045 Programing for Online Education I 3

ICT4041 Artificial Intelligence & Education 3

ICT4042 E-Learning Applications 3

ICT4043 M-Learning and eLearning 3

ICT4044 social media in Online Education 3

ICT4045 Cybersecurity 3

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MASTER OF SCIENCE IN BUSINESS ANALYTICS —36 CREDITS

Program Description:

The Master of Science in Business Analytics prepares students in this fast-growing field of managing large quantities of data. This graduate program requires a solid quantitative background and will prepare students for entry into a career as business professionals performing or understanding data analysis.

Program Objectives:

After completing the Master of Science in Business Analytics, students are going to be able to:

1. Use case studies and hands-on exercises that cover various business domains.
2. Perform data analysis using BI visualization tools.
3. Develop, collect, analyze, and report marketing decision-based data derived from survey data analyzed with electronic research software such as SPSS.
4. Model tools and methods for predictive analytics for decision-making in business and economics.
5. Investigate and analyze Big Data electronic databases via electronic software to create marketing information to enable informed marketing tactical and strategic plans.
6. Apply optimization and simulation models in decision-making.
7. Apply data analytic processes to the human resource practices to assess, plan, and to ensure compliance.
8. Understand, visualize, analyze, and report social media and web data.
9. Integrate functional knowledge acquired in courses through the completion of a consulting project

Entrance Requirements:

- Bachelor's degree.
- Enrollment Application filled and signed
- Diplomas of previous studies
- Official Transcripts of previous studies.
- Copy of official identification.

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Title Offered: Master of Science in Business Analytics

BUA6021 Business Analytics 3

BUA6022 Visual Analytics 3

BUA6023 Quantitative Marketing Research 3

BUA6024 Predictive Analytics Modeling in Business and Economics 3

BUA6025 Marketing Analytics 3

BUA6026 Optimization and Simulation Models 3

BUA6027 Integrated Business Simulation 3

BUA6028 Human Resources Analytics 3

BUA6029 social media & Web Analytics 3

BUA6030 Data Analytic Project Management 3

BUA6031 Business Analytics Project 6

MASTER OF SCIENCE IN ENTREPRENEURSHIP - 33 CREDITS

Program Description:

The Master of Science in Entrepreneurship program is designed for those individuals who hope to create, advance, and run their own businesses, whether on a local level or a global level. The courses cover the process of coming up with new ideas, nurturing them, and refining them. Students will have opportunities to design the infrastructure of a business using modern methods, technology, and business practices. Courses include technology development and operations entrepreneurship.

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Program Objectives:

Upon completion of this program, students are going to be able to:

1. Make entrepreneurial decisions.
2. Innovate business model formulation and evaluation.
3. Develop new product and execution strategies.
4. Form and grow a business team.
5. Apply finance to launch a new venture.

Entrance Requirements:

- Bachelor's degree.
- Enrollment Application filled and signed
- Diplomas of previous studies.
- Official Transcripts of previous studies.
- Copy of official identification.

Title Offered: Master of Science in Entrepreneurship - 33 Credits

ENT6041 Entrepreneurial Mindset 3

ENT6042 Avoiding Pitfalls in Entrepreneurship 3

ENT6043 New Product Development 3

ENT6044 Technology Development and Implementation 3

ENT6045 Operations Management 3

ENT6046 Leading Effective Teams 3

ENT6047 Advanced Analytics for Entrepreneurs 3

ENT6048 Sales Management 3

ENT6049 Innovation and Sustainability 3

ENT6050 Finance for Entrepreneurs 3

ENT6051 Law for Entrepreneurs 3

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MASTER OF SCIENCE IN ONLINE EDUCATION - 33 CREDITS

Program Description:

The Master of Science in Online Education from ALEN University prepares professional educators with a balanced curriculum that includes advanced content and methodology. Students are well equipped to be online educators and quality leaders in the fields of coaching or computer innovation. Graduates will holistically educate the next generation.

Program Objectives:

After completing the Master of Science in Online Education, students are going to be able to:

1. Identify the best uses and practices of coaching for education.
2. To describe the most important aspects of diversity in online education.
3. Implement innovative resources in online education.
4. Manage knowledge in social learning environments.
5. Use social media and networking as tools in online education

Entrance Requirements:

- Bachelor's degree.
- Enrollment Application filled and signed.
- Diplomas of previous studies.
- Official Transcripts of previous studies.
- Copy of official identification.

Title Offered: Master of Science in Online Education

CORE CURRICULUM 18 CREDITS

EDU5000 Online Education in the 21st Century 3

EDU5001 Design of Evaluation Strategies in Online Education 3

EDU5002 Research as Tool in Online Education 3

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EDU5003 Current Issues and Challenges in Online Education 3

EDU5004 Innovative Resources for Online Education 3

EDU5005 Educational Psychology 3

MINOR IN COACHING 15 CREDITS

CHE6000 Evolutional Coaching 3

CHE6001 Coaching Techniques in Education 3

CHE6002 Ethnicity and Diversity 3

CHE6003 Attention Management 3

CHE6004 Project in Coaching in Online Education 3

MINOR IN COMPUTER INNOVATION FOR ONLINE EDUCATION 15 CREDITS

ICT6011 Programing for Online Education II 3

ICT6012 Virtual Reality and Gamification 3

ICT6013 Artificial Intelligence & Machine Learning Implementation 3

ICT6014 Data Management II 3

ICT6015 Project in Computer Innovation for Online Education 3

MASTER OF SCIENCE IN DIGITAL MARKETING - 33 CREDITS

Program Description:

The Master of Science in digital marketing, students will be ready to understand, manage, focus, and detect patterns at the time of detecting problems and making decisions versus real cases.

Program Objectives:

Upon completion of this program, bring the students to know their skills and acquire the tools to make decisions with a positive impact on the company. The students must understand the changes

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in the world of commerce that makes it necessary to adapt to the competition in the global environment.

Entrance Requirements:

- Bachelor's degree.
- Enrollment Application filled and signed.
- Diplomas of previous studies.
- Official Transcripts of previous studies.
- Copy of official identification

Title Offered: Master of Science in Digital Marketing. Master's degree in Digital Marketing

MAK5000 Business Model 3

MAK5001 Advertising models and metrics 3

MAK5002 Multicultural Marketing 3

MAK5003 Information Systems management 3

MAK5004 Data Analytics 3

MAK6000 Social Media Marketing. Web analysis 3

MAK6001 Analysis of AdWords, Content marketing 3

MAK6002 Competitive advantages, Smart goals. 3

MAK6003 Definition of objectives. Goals and conversion. Google Data 3

MAK6004 Capstone Project 6

TOTAL: 33

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MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE - 39 CREDITS

Program Description:

The Master of Science in Artificial Intelligence is equipping a computer system with characteristics or behaviors that simulate intelligence. Prepare students to create support systems for decision-making and create systems that facilitate finding information or applications on the network.

Program Objectives:

After completing Master of Science in Artificial Intelligence, students are going to be able to:

1. Know the objectives and origins of artificial intelligence.
2. Understanding the concepts of artificial intelligence and rationality.
3. Know technical differences to solve problems.
4. Analyze problems and determine decision-making techniques.
5. Analyze knowledge needs for decision-making.

Entrance Requirements:

- Bachelor's degree.
- Enrollment Application filled and signed.
- Diplomas of previous studies.
- Official Transcripts of previous studies.
- Copy of official identification

Title Offered: Master of Science in Artificial Intelligence 39 credits

IAR5000 Computational intelligence 3

IAR5001 Machine learning and deep learning 3

IAR5002 Machine vision and pattern recognition- 3

IAR5003 Intelligence Systems 3

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IAR5004 Data science 3

IAR5005 Artificial cognitive systems 3

IAR6001 Natural language processing 3

IAR6002 Planning and approximate reasoning. Work with industries that manufacture machinery or automatic parts 3

IAR6003 Complex networks and mind brain and machines 3

IAR6004 Principles, devices, communications and infrastructure for AI/IOT and robotics 3

IAR6005 Decision making under uncertainty 3

IAR6006 Capstone project 6

TOTAL: 39

MASTER OF SCIENCE IN SECURITY SYSTEMS —39 CREDITS

Program Description:

The Master of Science in security systems, students will be ready to understand and manage the acquisition, structure, and visualization of data and information within the framework of computer engineering and assessing the results. Also, manage the information competently and evaluate the information found and identify the risks.

Program Objectives:

Upon completion of this program, the students know their skills.

- Be able to understand the security threats and risks of computer systems.
- Understand and identify access control mechanisms of an operating system.
- Understanding the operation of intrusion detection systems.
- Protection mechanisms for distributed applications and solutions that protect them.

Entrance Requirements:

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- Bachelor's degree.
- Enrollment Application filled and signed.
- Diplomas of previous studies.
- Official Transcripts of previous studies.
- Copy of official identification.

Title Offered: Master of Science in security systems

SEC5000 Security Fundamentals and Risk Management 3

SEC5001 Cyber analyst and cryptography 3

SEC5002 Integrative cybersecurity Management 3

SEC5003 Legal aspects of security 3

SEC5004 Network and Operating Systems Security 3

SEC5005 Database and application security 3

SEC6001 Intrusion detection and prevention systems and Forensic analysis 3

SEC6002 Vulnerability Management 3

SEC6003 Security audit 3

SEC6004 Security administrator and business continuity planning 3

SEC6005 Ethical hacking 3 SEC6006 Capstone Project 6

TOTAL: 39

CODE SYSTEM

At ALEN SOUTH LAKE UNIVERSITY the courses are identified by a prefix of three letters and four numbers. The letters determine the area of study. The numbers identify the academic level. The numbers that start with 1 and 2 are for the lower level, and 3 and 4 are for the upper level of the undergraduate programs. The numbers that begin with 5 and 6 are for the Master's degree programs.

BUA - Business Analytics

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CEN - Computer Engineering

CHE - Coaching in Education

COR - Core Curriculum

CSY - Computer Systems

EDU - Education

ENT - Entrepreneurship

GEN - General Education

ICT - Information and Communication Technology

MBI - Mgmt. in Business Intelligence

MDM - Mgmt. in Digital Marketing

MEN - Mgmt. in Entrepreneurship

MSM - Mgmt. in Sport Management

MAK - Digital Marketing

IAR - Artificial Intelligence

SEC- Security Systems

Graduation Requirements

To be awarded a degree from ALEN SOUTH LAKE UNIVERSITY, students must fulfill the following requirements:

- Satisfactorily complete all the credits of the chosen program of study.
- Complete their respective program requirements within certain time limits, which are defined in terms of attempted credit hours. For Associate degrees, the maximum time frame is 20 months.
- For a Bachelor's degree, it is 40 months, and for a Master's degree, the time frame is 12 months.

- Have no outstanding financial obligations with ALEN SOUTH LAKE UNIVERSITY.
- Fill in and sign the form “Change of Status”
- Achieve a cumulative GPA of at least “C”-2.0 or better on a 4.0 scale on all course work, for the Associate and Bachelor programs. The Master must achieve at least “C+” - 2.5 or better.

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Academic Standards and Policies

Student's Status Extended Enrollment Status A student who has been deemed to have not met satisfactory academic standards, may be given the opportunity to continue as an extended enrollment student, with the approval of the Vice President for Academic Affairs / Chief Academic Officer and for a period not to exceed four months. While the student is deemed to be in Extended Enrollment Status, the student is given the opportunity to improve his/her academic record and re-establish a satisfactory academic standard by re-attempting any courses in which the student received a failing grade. Costs for re-attempting any courses shall be borne solely by the student, and any credits or attempted grade points each will be considered in the GPA calculation. If, upon completion of the semester as an extended Enrollment student, the student meets minimum academic standards reinstate and course completion rates, and demonstrates the ability to continue their education; the School Dean may reinstate the student to their prior status for the following educational term. If, upon completion of the semester as an Extended Enrollment student, the student meets minimum academic standards, course completion rates, and demonstrates the ability to continue their education; the School Dean may reinstate the student to their prior status for the following educational term.

Leave of Absence Status

ALEN SOUTH LAKE UNIVERSITY can be granted the status of leave of absence for up to four months for students that are in good standing academically and financially. Qualifying circumstances include poor health, family crisis, or other extreme circumstances outside the control of the student. Written documentation evidencing and supporting the existence of the circumstances and any adverse effect on academic performance must be submitted to the School Dean with the student's leave of absence request form. Mitigating circumstances waivers shall not be issued under any circumstances to affect any requirements for graduation. During this time, students are not required to take any course or to pay any monthly courses.

Canceled Status

If the four-month leave of absence has passed and the student does not return to his/her regular class schedule or does not make the agreed payments, he/she is placed in the canceled status. This means that they cannot enroll on another course until they pay a new registration of \$ 150 and make payments for the corresponding courses that he/she is going to take.

Withdrawal status

Withdrawal is a voluntary status that a student can ask for if they are not able to continue in their program. They must request, fill out and sign a Withdrawal Request Form; they cannot have any

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course to complete, nor financial debts; They must also pay a fee equivalent to three (3) credits of their program. The withdrawal must be requested one month in advance, and counted from the date of submission of the Withdrawal Form. During this month, the student can complete any course that has begun, as long as it ends before the expiration of the month.

Academic Honors

The Dean's List is an academic honor attributed to students whose semester GPA is 3.50 or higher during a given term while carrying an academic load of 8 or more credits within that term. During the commencement ceremony, the University will recognize the top five students in each graduating class. Students can be placed in any of the following.

Honor Categories

1. Magna Cum Laude (With Great Praise) is an honorary title of academic recognition reserved for students that obtain a GPA of 4.0 On the grade scale (A).
2. Summa Cum Laude (With Highest Distinction) is reserved for students that obtain a GPA between 3.7. To 3.9 on the grade Scale (A-).
3. Cum Laude (With Distinction) is reserved for students that obtain a GPA of 3.3 to 3.6 on the grade scale (B+).

Academic Probation

This is an action that is taken when a student's cumulative GPA drops below 1.0. Academic Probation will continue until the student finishes the course and the cumulative GPA reaches 1(D) or better. If a student's GPA falls below 1.00, the academic advisor will be in contact to help the student with corrective measures to avoid academic suspension. As a student on academic probation, the two most important steps you can take are to gain as much information as possible about your individual academic situation, and based on this information, develop a plan to return to academic standing in the following semester. This is the time to do the following:

- Assess the severity of your grade point average deficit
- Know what courses you should be taking (or retaking)
- Be aware of the grades needed to clear probationary status;
- Develop a study schedule and routine that will provide you with both the structure and support you need to concentrate on improving your academic performance.
- Academic advisers are ready to assist students that make this effort.

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Repeating a Course

A course can be repeated by a student who has received a failing grade. The fees for the course will be assumed only by the student, and be counted in the student's academic average and cumulative GPA. The new grade will replace the previous grade for the purpose of calculating GPA. The cost for the repeated course is US\$270. Students will be duly informed about any cost changes.

Student's behavior policy

Former students of ALEN SOUTH LAKE UNIVERSITY, as well as applicants, who become students and former students, are expected to comply with all laws and with the institution's policies as well as online campus regulations.

The following types of conduct are unacceptable:

1. All forms of academic misconduct, including plagiarism but not limited to cheating, fabrication, plagiarism, or facilitating academic disappointment.
2. Other forms of dishonesty include, but are not limited to, fabricating information, furnishing false information, or reporting a false emergency to the institution.
3. Forgery, alteration, or misuse of any institution document, record, key, electronic device, or identification.
4. Unauthorized entry to, possession of, receipt of, or use of any institution's services, equipment, resources, or property, including the institution's name, insignia, or seal.
5. Sexual harassment: sexual harassment is any unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when submission to or rejection of this conduct explicitly or implicitly affects a person's education, unreasonably interferes with a person's educational performance or creates an intimidating, hostile or offensive learning environment. In the interest of preventing sexual harassment, the institutions will respond to reports of any such conduct.
6. Harassment behavior in which an individual repeatedly engages in conduct directed at another person and makes a credible threat with the intention of putting that person in reasonable fear for their safety or the safety of their family, where it is reasonably determined that a legitimate threat alarms or seriously torments the person; and also that the threat has no legitimate purpose.
7. Obstruction or disruption of teaching, research, administration, disciplinary procedures, or other Institute activities.
8. Failure to adhere to, or comply with the directions of an institution official or other public official acting in the performance of his or her duties while at an official institution, or resisting or obstructing such institution or other public officials in the performance of or the attempt to perform their duties.
9. Selling or distributing any course lecture notes for any commercial unless authorized video or audio recordings of any course unless authorized by the institution in advance

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and explicitly permitted by the course instructor in writing. The unauthorized sale or commercial distribution of course notes or recordings by a student is a violation of these policies, whether or not it was the student or someone else who prepared the notes or recordings. Copying handouts, readers, or other course materials provided by an instructor as part of the institution's course for any commercial purpose, unless the institution is authorized by the institution in advance and explicitly permitted by the course instructor or the copyright holder in writing, is prohibited.

Penalties for Misconduct

Such violations may impose penalties for violations of institutions' policies or regulations, whether or not such violations are also violations of law, and whether or not proceedings are or have been pending in the courts involving the same acts. If, as a result of an official appeal, it is determined that the student was improperly disciplined, the School Dean shall, if requested by the student, have a record of the hearing sealed, and have any reference to the disciplinary process removed from the student's record. In such cases, the record of the hearing may be used only in connection with legal proceedings.

Whether or not a hearing is conducted, the institution may provide written notice to a student that his or her alleged behavior may have violated institution policy or regulations and that, if repeated, such behavior will be subject to a disciplinary process. Evidence of prior alleged behavior as detailed in the written notice may be presented in a subsequent disciplinary action. When a student is found in violation of institution policies or regulations, any of the following types of student disciplinary action may be imposed. Any sanction imposed should be appropriate to the violation, taking into consideration the context and seriousness of the violation.

1. **Warning/Censure:** Written notice or reprimand to the student that a violation of specific institutional policies or regulations has occurred and that continued or repeated violations of institution policies or campus regulations may be cause for further disciplinary action, not necessarily in the form of disciplinary probation, and/or loss of privileges and exclusion from activities, suspension, or dismissal.
2. **Disciplinary Probation:** A status imposed for a specified period of time during which a student must demonstrate conduct that conforms to institution standards. Misconduct during the probationary period or violation of any conditions of the probation may result in further disciplinary action, normally in the form of suspension or dismissal.
3. **Loss of Privileges and Exclusion from Activities:** Exclusion from participation in designated privileges and activities for a specified period. Violation of any conditions in the written Notice of Loss of Privileges and Exclusion from Activities, or violation of institution policies or campus regulations during the period of the sanction may be cause for further disciplinary action, normally in the form of probation, suspension, or dismissal.

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4. Suspension: Termination of student status at the Institution for a specified period of time with reinstatement thereafter, provided that the student has complied with all conditions imposed as part of the suspension and provided that he or she is otherwise qualified for reinstatement. Violation of the conditions of suspension or of institution policies or regulations during the period of suspension may be cause for further disciplinary action, normally in the form of dismissal.
5. Dismissal: Termination of student status for an indefinite period. Readmission after dismissal may be granted only under exceptional circumstances.
6. Restitution: A requirement for restitution in the form of reimbursement may be imposed for expenses incurred by the institution or other parties resulting from a violation of these policies. Reimbursement may take the form of monetary payment or appropriate service to repair or otherwise compensate for damages. Restitution may be imposed on any student who alone, or through group or concerted activities, participates in causing the damages or costs.
7. Revocation of Awarding of Degree: Subject to the concurrence of the Board of Directors, revocation of a degree obtained by fraud.

Anti-Hazing Policy

ALEN SOUTH LAKE UNIVERSITY does not tolerate hazing. Hazing is prohibited university recognized or sanctioned organization, student, or other person associated with an organization operating under the sanction or recognized by the

University. Organizations or individuals found responsible for hazing under this policy, whether it occurs on or off campus, may be subject to disciplinary action by the university, and may also face criminal charges under state law.

Students' Rights

ALEN SOUTH LAKE UNIVERSITY disciplinary proceedings under the Student Conduct Code, including cases involving general misconduct and academic misconduct, students have the following rights to confidentiality and due process.

Right to Confidentiality

Any student involved in a university disciplinary proceeding has the following rights related to privacy and confidentiality:

- All disciplinary proceedings are closed to the public.

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- ALEN SOUTH LAKE UNIVERSITY, except as required by law, will not disclose information to anyone not connected with the proceeding. The fact that there is or has been a disciplinary
- Proceedings concerning the incident may be disclosed. However, the identity(ies) of individual students involved in the proceedings will not be disclosed.
- ALEN SOUTH LAKE UNIVERSITY, including individuals involved in a disciplinary processing, will disclose the results of the processing, including sanctions imposed only to those who need to know for purposes of record keeping, enforcement of the sanctions, further proceedings, and eligibility for participation in certain University activities, or compliance with Federal or State laws. The fact that a disciplinary proceeding has been concluded and appropriate action has been taken may be disclosed.

Rights to Due Process

1. Respondent: A student accused of violating the Student Conduct Code (the “respondent”) has certain rights. These include the right to:
 - a. Be advised that a complaint is being investigated and be advised of the nature of the complaint.
 - b. Be advised of the charges under the Student Conduct Code that are being filed.
 - c. Submit a written account relating to the alleged incident and/or charges.
 - d. Have a person of choice, including an attorney, present throughout any meeting related to the disciplinary proceeding.
 - e. Know the identity of individuals who will be presented at meetings or hearings related to the proceeding.
 - f. Present relevant evidence and/or witnesses.
 - g. Review any evidence reasonably likely to be used in the proceeding.
 - h. Hear and question any witnesses who participate
 - h. Hear and question any witnesses who participate in the proceeding.
 - i. Have a reasonable period to prepare for a hearing.
 - j. Request a delay of a hearing for exceptional circumstances.
 - k. Decline to make statements.
 - l. Timely adjudication and resolution of the case.
2. Complainant: A student who brings a complaint against another student under the Student Conduct Code (the “complainant”) also has certain rights. These include the right to
 - a. Meet with the designated administrative official to discuss the disciplinary process.
 - b. Submit a written account of the incident and a statement describing the effect of the alleged misconduct.
 - c. Have a person of choice, including an attorney, present throughout any and all of the proceedings.

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- d. Be informed of the location of any meetings related to the disciplinary proceedings.
- e. Be informed immediately of the outcome of each step of the disciplinary proceeding.
- f. Have past conduct that is irrelevant to the case not discussed during the proceedings.

Grievance procedure

Any student who believes that an action taken on behalf of the Institute adversely affected the student's status, rights, or privileges has the right to start a grievance procedure that will allow them to access an equitable process to resolve such grievance.

To start the procedure, students must first communicate the grievance in writing to the appropriate professor (or administrative representative, if applicable). The ALEN SOUTH LAKE UNIVERSITY staff member will have one calendar week to review and respond to the student in writing. In case the student is dissatisfied with the response to the grievance, or if the preceding staff member is unable to respond to the grievance, then the matter is escalated to the School Dean. The School Dean will have one week to review and respond to the grievance.

In case the student is dissatisfied with the School Dean's response to the grievance, or if the School Dean is unable to respond to the grievance, then the matter is escalated to the Academic Council. The Academic Council will have one week to review and respond to the grievance.

In case the student is dissatisfied with the Academic Council's response to the grievance, or if the Academic Council is unable to respond to the grievance, then the matter is escalated to the institution President. The institution President will take the necessary steps to resolve the grievance. If the student is dissatisfied with the Academic Council's response to the grievance, or if the Academic Council is unable to respond to the grievance, then the matter is escalated to the institution's President. The institution's President will take the necessary steps to resolve the grievance.

In case the student is dissatisfied with the institution's President's response to the grievance, or if the institution's President is unable to respond to the grievance, then the matter is escalated to the Board of Directors.

All decisions of the Board of Directors will be final with regard to the institution's position on the grievance. In case the student is dissatisfied with the Board of Directors' response to the grievance, then the student may refer it to: Commission for Independent Education Florida Department of Education 325 West Gaines Street, Suite 1414 Tallahassee, FL 32399-0400, Phone #: 1-888-224-6684 (Toll Free)

Family Educational Rights and Privacy Act (FERPA)

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Federal and State laws restrict the release of confidential student records and information. Students have a right to inspect their educational records and are protected from releasing information without their written consent, except for subpoenaed requests from courts that must make with appropriate jurisdiction. Students must make written requests for transcripts and other academic information. Requests by unauthorized third parties and telephone requests will not be honored.

ADMISSIONS

General Admission Requirements

1. Documentation required for all applicants seeking admission:
 - Previous studies- Official transcripts and diplomas of previous studies.
 - Enrollment Agreement with all parts filled and signed.
 - If a student is under 18 years of age, a parent or guardian must sign up.
 - A passport-type picture.
 - Copy of official identification. The admissions- Any supplemental materials required by the admissions department beyond transcripts and online and online test scores must be submitted via the online undergraduate application.
2. Applicants seeking admission into the associate or Bachelor programs must have:
 - High School diploma or General Education Development (GED) certificate.
 - Trans-scripts- Applicants with a GED should submit transcripts from courses taken at high schools they may have attended.
3. Applicants seeking admission into the master's program must have:
 - Bachelor's degree.
 - All the transcripts have to be official and come straight from the institute that issues ALEN SOUTH LAKE UNIVERSITY.

General Admission Process

At ALEN SOUTH LAKE UNIVERSITY registration is open at any time from the month of February through November.

1. Download the Enrollment Agreement form from our website, www.aslu.education, or send us a request for information using our e-mail info@aslu.education.
2. Fill out all the information requested and sign the Enrollment Agreement.
3. Collect all the documentation required.
4. Scan the Enrollment Agreement and the documents and send it to the university using the email admissions@aslu.education.
5. Any diploma or document in a language other than English, must be translated into English.

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6. When the transcripts are received, the Department of Admissions is going to review and evaluate all your documentation, and if everything is complete and correct, will send you a letter of acceptance.
7. After receiving the letter of acceptance, the student must pay the corresponding fees.
8. ALEN SOUTH LAKE UNIVERSITY will provide the applicant with a copy of the complete enrollment agreement of both parties, and the Student's Handbook.
9. When the process is completed, the student will receive a username and passcode and is ready to start taking his/her courses.

Transfer Opportunities

Transferring from another institution ALEN SOUTH LAKE UNIVERSITY will create strategic partnership agreements with other Universities in order to solidify academic and research growth. Students transferring from other colleges or universities are welcome at ALEN SOUTH LAKE UNIVERSITY. Transfer applicants must meet all the regular admission requirements.

ALEN SOUTH LAKE UNIVERSITY transfer policy is designed to reward prior educational efforts. Students may seek advice before registering if they have any doubt about the content equivalence of the course- to be taken.

- ALEN SOUTH LAKE UNIVERSITY may grant transfer credit from external sources as follows: • A maximum of 15 credit hours may be applied to an ALEN SOUTH LAKE UNIVERSITY Bachelor, Associate, or Master's degree program. Institutions
- The credits earned at other postsecondary institutions must be congruent with the ALEN SOUTH LAKE UNIVERSITY program and applicable.
- ALEN SOUTH LAKE UNIVERSITY will validate and confirm transfer credit from colleges and/or universities on a course-by-course basis
- Credits will only be accepted if the grade earned was at least a "C". Transfer of credit is at the discretion of ALEN UNIVERSITY. There is no guarantee of credit from one institution to ALEN SOUTH LAKE UNIVERSITY.

Transfer to another institution

ALEN SOUTH LAKE UNIVERSITY recognizes the rights of each institution to accept the transfer of credit. Therefore, acceptance of a transfer is at the discretion of the accepting institution, and it is the student's responsibility to confirm whether or not credits will be accepted by another institution of the student's choice.

Transfer Credits from Educational Experiences / Military Service

ALEN SOUTH LAKE UNIVERSITY grants credit for studies completed in service schools on the basis of recommendations made by the American Council on Education (ACE) in its Guide to

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the Evaluation of Educational Experiences in the Armed Services. Such credit is granted only if it is applicable to the individual's chosen program. Ordinarily, such credit may not be applied towards the general education requirements. Recommendations made by ACE for vocational or technical credit are considered on the same basis as, and with the same limitations as those placed in nonmilitary sources of credit.

Professional Experience Credit Policy

ALEN SOUTH LAKE UNIVERSITY does not recognize credit from work experience.

Transient Students

Transient students must know that they can't transfer to or seek either a degree or certificate at ALEN SOUTH LAKE UNIVERSITY. Please note that some ALEN SOUTH LAKE UNIVERSITY courses may have prerequisites. As a transient student, you accept full responsibility for possessing or acquiring, at the time of enrollment, the knowledge and/or skills that these pre- and corequisites provide.

Transient students are responsible for requesting that an official transcript be sent to their home institution after completion of coursework at ALEN SOUTH LAKE UNIVERSITY. There will be a fee assessed for that transcript. These students must

1. Complete the Enrollment Agreement. Fulfill the requirements for the program, depending on the program the student wants to join. The Enrollment Agreement can be emailed, faxed or mailed to the Admissions Department.
2. Send the official transcripts from the institution they are enrolled in.
3. Pay \$150.00 in the application fee.

ALEN SOUTH LAKE UNIVERSITY will respond within 15 business days

Non-Discrimination Policy

ALEN SOUTH LAKE UNIVERSITY is an equal opportunity educational institution. Faculty, staff, and students are admitted, employed, and treated without regard to race, color, national or ethnic origin, age, religion, disability, sex, sexual orientation, gender identity and expression, or any other characteristic protected under applicable federal or state law.

Discriminatory and Sexual Harassment

In an effort to foster a community in which there can be free and open development and discussion of ideas, ALEN SOUTH LAKE UNIVERSITY is committed to maintaining a

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working and learning environment free of discriminatory and sexual harassment. ALEN SOUTH LAKE UNIVERSITY has adopted policies and procedures concerning any forms of discriminatory and sexual harassment. Transfer/Cancel of Courses. Students must understand that all classes are subject to change or cancellation. If ALEN SOUTH LAKE UNIVERSITY cancels the course in which a student is enrolled so he/she can transfer to a different course in their program. It is important to understand the difference between a canceled course, a dropped course, and an extemporaneously canceled course by the students, as it is financially relevant. Cancel a course:

- Students who want to cancel any course should request it at least one day before the closing registration day of that course. Canceled courses are not subjected to charges for cancellation.
- Drop courses: Students who want to drop a course after beginning classes should request it within the first three days of class.
- Dropped courses are not subjected to charges for cancellation. Extemporaneous-canceled courses: Students can cancel a course after three days of taking classes. These courses will remain “canceled” in the students’ records without affecting the students’ GPA (Grade Point Average), but are subject to a charge for cancellation.
- Students can cancel, drop out or cancel courses extensively, up to two times over a period of 10 months.

Drop/add Period

The Drop/add Period is one week from the day

Students submit their Enrollment Agreement.

FINANCES

Tuition and Fees

Tuition is \$100.00 per credit for the Bachelor and Associate programs, and \$150.00 for the Master's programs. The tuition payment is due at the time of registration, and students pay in advance every two months for the courses they will take.

The following fees are required:

- Registration Fee (non-refundable) US\$150.00
- Evaluation Fee (refundable) US\$100.00
- Change of Program Fee US\$100.00
- Graduation Fee US\$100.00

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- Insufficient Funds Fee US\$ 50.00
- Late Payment Fee US\$ 50.00
- Copy of Official Transcript (each copy) US\$ 10.00
- Incomplete Course US\$100.00
- Translations (per page) US\$ 25.00
- Diploma Notarization and Apostille US\$100.00
- Replacement of Diploma US\$200.00
- Returned Check US\$ 35.00
- Library US\$ 90.00

Payment types: Money orders / Credit Card- Visa & MasterCard/Zelle / Venmo

Payment Methods

ALEN SOUTH LAKE UNIVERSITY accepts the following payment methods:

- Personal check in the name of ALEN SOUTH LAKE UNIVERSITY. All returned checks have a returned check fee of \$ 35.00.
- Payment online from a bank checking or savings account, or with a credit card
- Money order or cashier's check payable to ALEN SOUTH LAKE UNIVERSITY to be sent to the university's accounting office by registered mail. This form of payment must be received before the due date.
- Payment is expected before the beginning of each course. Every two months.

Payment Options

Students have two payment options:

1. Pay in full the total tuition and program fees at the time of enrollment, or
2. Pay the fees and tuition for two courses at the time of enrollment and obtain a payment plan to pay the rest of the debt every two months. This plan must be paid for in full before graduation.

To access financial aid and scholarships, it's essential to complete the financial assistance application with all the required information. All applications will be evaluated by the Financial Aid Committee, who will select recipients based on relevant criteria.

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Late Payment

Payments made after the due date are payment late payments. Each time the student does not pay on time, a late payment fee will be charged for the amount of \$50.00.

Textbooks and Materials

ALEN SOUTH LAKE UNIVERSITY does not charge students, nor does it provide them with books or related materials. The syllabus of each course indicates the necessary books and materials and students are expected to obtain them, either by

Tuition and Fees Refund Policy

If ALEN SOUTH LAKE UNIVERSITY does not admit an applicant, or if the student cancels his/her registration within the first week after signing the Enrollment Agreement, and refund an initial payment of tuition and fees, all money, except the application fee, will be refunded. Business days are from Monday to Friday; weekends and Institution recognized holidays are not included. After the first week of signing the Enrollment Agreement, all Tuition and Fees refunds will be made according to the following schedule:

1. Withdrawal up to the end of the 1st week will result in a refund of 100% of all tuition funds. Application fees are non-refundable.
2. Withdrawal in the second week will result in a 40% refund
3. Withdrawal in the third week will result in a refund of 10% in accordance with Rule 6E-1.0032 F.A.S. The ALEN SOUTH LAKE UNIVERSITY does not have title IV. Therefore, it does not have an aid benefit for students and veterans.

When the approved university has the title IV that refers to federal financial assistance, the institution will publish in the corresponding section the POLICY OF REIMBURSEMENT OF ENROLLMENT AND FEES for the knowledge of students and the community in general.

Drop /Add Refund Policy

Cancellation and Settlement Policy

This enrollment agreement may be canceled within five calendar days after the date of signing provided that the school is notified of the cancellation in writing. If such cancellation is made, the school will promptly refund in full all tuition and fees paid pursuant to the enrollment agreement

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and the refund shall be made no later than thirty days after cancellation. This provision shall not apply if the student has already started academic classes.

Refund Policy

I understand that if I choose to make monthly tuition payments, I must complete payments for the entire semester prior to subsequent registrations being accepted.

Should I either drop a course(s) or withdraw from all courses, I am required to notify the Records/Registrar's office by using the appropriate form and submitting that form to the aforementioned office. Should I be terminated or cancel my registration for any reason, I understand that all refunds will be made according to the following refund schedule:

1. All monies paid by the applicant will be refunded if the cancellation takes place within five (5) calendar days after signing an Enrollment Agreement and making an initial payment
2. Cancellation after the third (3rd) business day, but before the first day of class, will result in a refund of all monies paid with the exception of the registration fee.
3. Cancellation of the contract by the student must be made by certified mail or in person and in writing. The college will refund:
4. 100% of tuition charges if the student withdrawal takes place within five (5) calendar days after signing an Enrollment Agreement and making an initial payment.
5. The Drop/Add period is the first five days of classes (Monday through Friday) at the close of business. There will be a refund if the student withdraws "on" or during the drop/add week. There will be no refund after the drop/add week.
6. If the college does not accept the enrollment, all monies paid by the student to the college shall be refunded and the student and college shall be released from further obligation.
7. If a student is withdrawn from a class due to a class cancellation, the student is entitled to a full refund.
8. Refunds will be made within 30 days of termination or receipt of cancellation notice.
9. Subject to the date of official withdrawal, tuition and fees will be refunded according to the schedule above. Should disciplinary measures that require the withdrawal of a student, the above refund schedule will apply

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Refund Chart	
Withdrawal's Date	% Refund
Between the first week	100%
During the second week	40%
During the third week	10%
During the fourth week	0%

STUDENT SERVICES

The Student Services program at ALLEN SOUTH LAKE UNIVERSITY, is designed to complement our Academic Programs, and is offered to students to aid their personal, academic and career development. This important area includes academic advice, inquiries about additional online course offerings, registration for courses, completion of administrative forms, employment placement services, provision of library access, and more.

LIBRARY SERVICES

At ALLEN SOUTH LAKE UNIVERSITY, students have access to O'reilly and other reputable resources to promote rigorous academic activity and research.

ACADEMIC ADVISING

ALLEN SOUTH LAKE UNIVERSITY offers a continuum of services and resources to support students from the time they become a student until the time they graduate and beyond. These services provide the opportunity for development by helping them explore careers and personal goals, and by facilitating a smooth and supportive progression into any of our academic programs.

CATALOG AVAILABILITY

The University Catalog is also available online at the University website: www.aslu.education

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STUDENT HANDBOOK

The Student's Handbook, available at the time of registration, contains information on details university the availability of courses according to degree programs, admissions, enrollment, books and materials, regulations, complaints or concerns, graduation requirements, grievance procedures, library access, refund policy, students' rights, responsibilities and sanctions, transcripts, transfers, and course changes.

CAREER SERVICES

ALEN SOUTH LAKE UNIVERSITY, reserves the right to assist in the placement of graduates with employment opportunities as they become available. This is done through preparation, advising, submitting grade transcripts, and, when needed, recommendation letters written by professors willingly. The service may disclose information relating to the market and job availability. ALEN SOUTH LAKE UNIVERSITY does not and cannot guarantee job placement.

TECHNICAL SUPPORT

There are tools available to students to learn how to navigate through ALEN SOUTH LAKE UNIVERSITY online platform, such as:

1. Free, non-credit informational tutorials: Designed to guide students through the functionality of the online platform.
2. Support Forum: A dedicated medium for the posting of platform-related questions, comments, or concerns (Please allow up to 24 hours for responses to posts)
3. Chats: The Institution offers a Skype, supported, free online voice/chat platform for real-time support issues.
4. FAQs, demos, and manuals. 5. Any changes to student contact information will be processed through IT Support at www.aslu.education using the Change of Status Form.

STUDENT RECORDS

ALEN SOUTH LAKE UNIVERSITY keeps a record for each student, translated into English and containing the following:

- Academic transcript
- All documents evidencing a student's eligibility for enrolled programs;
- Any certificates or diplomas earned;
- Copies of applications or contractual agreements;
- Financial records;

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- Student agreements or advising records; and
- Records of progress.

All documents received from students become property of ALEN SOUTH LAKE UNIVERSITY and are kept permanently in our files.

STUDENT FINANCIAL ASSISTANCE

ALEN SOUTH LAKE UNIVERSITY can give orientation to students that are having financial difficulties and want to withdraw from the program. This advice consists of options for how to meet their goals, offering payment plans.

The students will be notified of all changes made at the institution.

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UNIVERSITY LEADERSHIP

Statement of Legal Control

ALEN SOUTH LAKE UNIVERSITY is a domestic For Profit institution created in the State of Florida. Its corporate name is ALEN University Inc. It is regulated by the Commission for Independent Education (CIE) of the Florida Department of Education, under the license number 10264. ALEN South Lake University is owned and operated by ALEN UNIVERSITY INC.

BOARD OF DIRECTORS

Dr. Alvaro Enrique Sanchez Castro

President

Everly Henao Villada

Vice President

UNIVERSITY ADMINISTRATION

Dr. Alvaro Enrique Sanchez Castro

President

Everly Henao Villalba

Vice President for Operations

Dr. Eduardo Raul Rivas

Vice President for Academic Affairs / Chief Academic Officer

Natalia Cristina Correa Granada

Director of Admissions and Student Support Services

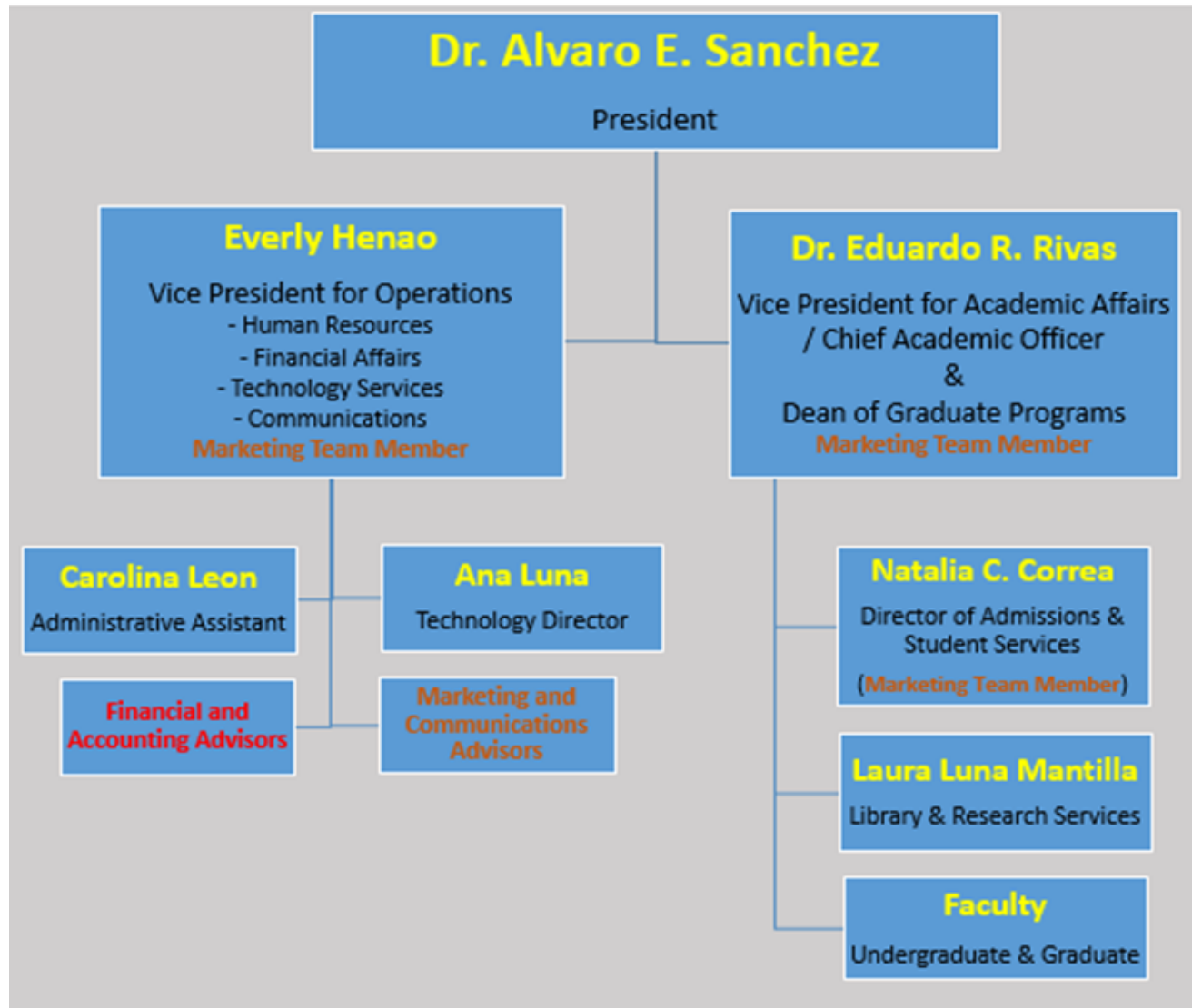
Ana Lucia Luna Mantilla

Technology Director

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INSTITUTIONAL ORGANIZATIONAL CHART



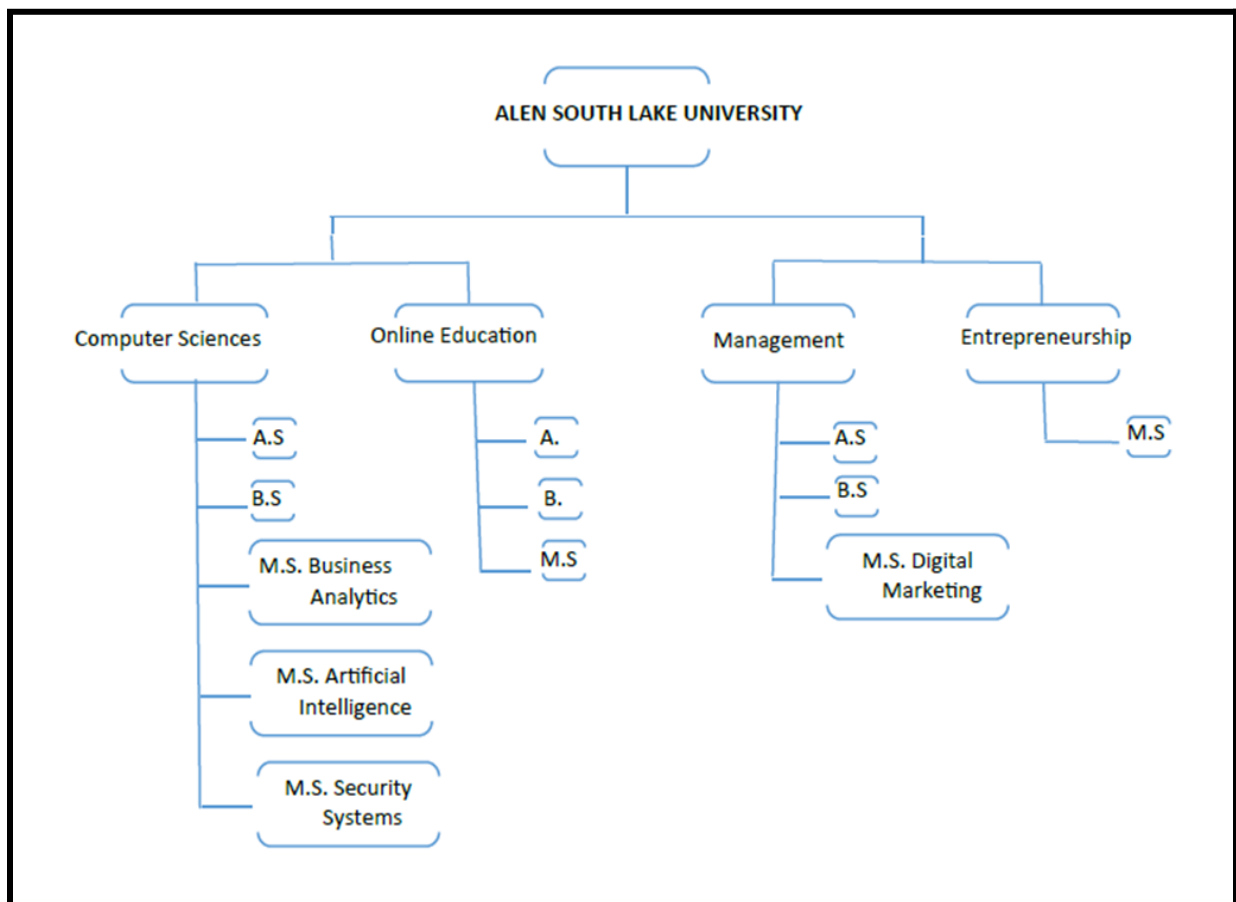
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Academic Program Departmental Structure

Academic Departments currently include:

Computer Science, Online Education, Administration, Business Analysis and Entrepreneurship programs as shown in the following chart. Data from the Research Center is also included in institutional planning.



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ADMINISTRATION LISTING

ADMINISTRATION	DEGREES/DIPLOMAS HELD & AWARDING INSTITUTION
ALVARO ENRIQUE SANCHEZ CASTRO	<u>Doctor Philosophy in Education.</u> Universidad de Camagüey. Habana, Cuba <u>Master of Philosophy</u> Incca University, Bogota, Colombia <u>Bachelor in Economics</u> Universidad de Camagüey. Habana, Cuba
EVERLY HENAO VILLALBA	<u>Bachelor of Science in General Studies</u> Universidad Luis Amigo, Bogotá, Colombia
EDUARDO RAUL RIVAS	<u>Doctor of Education in Leadership</u> University of Miami, Coral Gables, Florida <u>Educational Specialist in Social Studies, w/Certification:</u> <u>Administration/Supervision</u> Nova Southeastern University, Fort Lauderdale, Florida <u>Master of Science in Social Studies</u> Florida International University, Miami, Florida <u>Master of Science in Mathematics and Computer Education</u> Nova Southeastern University, Fort Lauderdale, Florida <u>Bachelor of Science in Social Studies</u> Florida International University, Miami, Florida <u>Bachelor of Science in Childhood Education</u> Florida International University, Miami, Florida <u>Associate in Arts in Education</u> Miami Dade College, Miami, Florida
NATALIA CRISTINA CORREA GRANADA	<u>Master in International Relations</u> University of Medellín. Medellín, Colombia <u>Marketing Professional</u> University of Medellín, Medellín, Colombia
ANA LUCIA LUNA MANTILLA	<u>Specialist in Information Security</u> Universidad Pontificia Bolivariana, Colombia <u>Bachelor of Science in Systems Engineering.</u> Manuela Beltran University, Colombia.
LAURA LUNA MANTILLA	<u>Ingeniera de Sistemas w/ sub spec. en Sistemas de Biblioteca</u> Universidad Manuela Beltran, Bucaramanga, Colombia <u>Técnica en Asistencia en Organización de Archivos</u> SENA, Bucaramanga, Colombia

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FACULTY LISTING

FACULTY	DEGREES/DIPLOMAS HELD & AWARDING INSTITUTION
FREDY ALVAREZ	Master in Administration Sciences. Universidad Eafit, Medellín, Colombia <u>Specialist in Financial Management and Markets</u> Universidad Católica de Oriente, Rionegro, Colombia <u>Bachelor's in Business Administration.</u> Universidad Pedagógica y Tecnológica de Colombia, Boyacá, Colombia
WALTER FLOREZ	Master's in Marketing (currently enrolled) Institución Universitaria Esumer, Medellín, Colombia <u>Management Marketing Specialist</u> Institution University Esumer, Medellin, Colombia <u>Specialization in Urban Journalism</u> University UPB Medellin, Colombia <u>Bachelor's in Advertising</u> University UPB Medellin, Colombia
EDITH ANZO	<u>Master in Government</u> Universidad de Medellín, Medellín, Colombia <u>Postgraduate Diploma in Teaching and Management of Higher Education</u> Universidad de Medellín, Medellín, Colombia <u>B.A. International Business</u> Universidad de Medellín, Medellín, Colombia
SEBASTIAN GIRALDO	<u>Magister in International Relations</u> University of Medellin, Medellin, Colombia <u>Bachelor's of Science in International Business</u> Eafit University, Medellin, Colombia
ANA LUNA	<u>Specialist in Information Security</u> Universidad Pontificia Bolivariana, Colombia <u>Bachelor of Science in System Engineering</u> Manuela Beltran University, Colombia.
JADY ARRIAGA	<u>Doctor in Education -Educational Technology</u> UNAD Florida <u>Master in Applied Linguistic</u>

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	<p>Universidad Distrital Francisco José de Caldas, Colombia <u>Bachelor of Science Foreign Languages Spanish/English,</u> Universidad Distrital Francisco José de Caldas, Colombia.</p>
NINI JOHANA MARIN	<p><u>Doctor in Engineering, Industry and Organizations</u> University National of Colombia. Bogota, Colombia <u>Specialist in Teaching and Management of Higher Education</u> University of Medellín, Medellin, Colombia <u>Master in Economics</u> University of Antioquia, Antioquia, Colombia <u>Bachelor in Economics</u> University of Antioquia, Antioquia, Colombia</p>
DANIEL LOPEZ	<p><u>Máster en Marketing Digital</u> Eude Business School, Madrid, España <u>Diplomado en Marketing Digital Interlat</u> Bogota, Colombia <u>Administración de Empresas - Pregrado</u> Universidad Pontificia Bolivariana, Bogotá, Colombia</p>
MONICA CORTES	<p><u>Master in Business Administration</u> Westfield Business School, USA. <u>Master in Marketing</u> Universidad Eafit, Colombia. <u>Specialization in International Business</u> Universidad Libre, Colombia. <u>Specialization in Marketing</u> Universidad Eafit, Colombia. <u>Bachelor in Commercial Engineering</u> Universidad Libre, Colombia.</p>
MARIA LUISA VILLALBA	<p><u>Doctor in Engineering: Industry and Organizations</u> National University of Colombia, Bucaramanga, Colombia <u>Master in Administrative Engineering</u> National University of Colombia, Medellin Colombia <u>Industrial Engineer,</u> Industrial University of Santander. Bucaramanga, Colombia</p>
DIEGO ANDRES VELEZ	<p><u>Diploma in International Cooperation for Development</u> University Pontificia Bolivariana, Medellin - Colombia <u>Diploma in University Teaching</u> Universidad Catolica de Oriente, Rionegro (Catholic University of the East of Antioquia) – Colombia. Handling Emotions in Negotiations. University of Buenos Aires, Buenos Aires – Argentina.</p>
NATALIA CORREA	<p><u>Master in International Relations</u></p>



	University of Medellín, Medellín, Colombia <u>Marketing Professional</u> University of Medellín, Medellín, Colombia
ALVARO SANCHEZ	<u>Doctor Philosophy in Education.</u> Universidad de Camagüey, Habana, Cuba <u>Master in Philosophy</u> Incca University, Bogota, Colombia <u>Bachelor in Economics</u> Universidad de Camagüey, Habana, Cuba
LUZ ALEJANDRA VELEZ	<u>Master in Marketing</u> University of Medellin, Colombia <u>Management Marketing Specialist</u> University of Medellin, Colombia <u>Professional in Communication and Corporate Relations</u> University of Medellin, Colombia

COURSES DESCRIPTIONS

BUA6021 Business Analytics 3c/h

Foundation to Business Analytics, using case studies and hands-on exercises that cover various business domains.

BUA6022 Visual Analytics 3c/h

Students learn about Visual Analytics; performing data analysis using BI visualization tools; applying principles of data visualization; best practices of data presentation and storytelling; dashboard creation techniques; hands-on experience building dashboards in BI.

BUA6023 Quantitative Marketing Research 3c/h

Critical investigation of quantitative marketing research methodology focusing on developing, collecting, analyzing, and reporting marketing decision-based data derived from survey data analyzed with electronic research software such as SPSS.

BUA6024 Predictive Analytics Modeling in Business and Economics 3c/h

Modeling tools and methods for predictive analytics for decision-making in business and economics.

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BUA6025 Marketing Analytics 3c/h

Investigates and analyzes Big Data electronic databases via electronic software to create marketing information to enable informed marketing tactical and strategic plans.

BUA6026 Optimization and Simulation Models 3c/h

Application of optimization and simulation models in decision-making in a variety of business fields, such as management, marketing, accounting, and finance.

BUA6027 Integrated Business Simulation 3c/h

Decision-making simulation with large and diverse masses of real-world business data, covering all aspects of the operation of a business firm.

BUA6029 social media & Web Analytics 3c/h

This course covers basic and advanced analytical tools, concepts, and techniques for understanding, visualizing, analyzing, and reporting social media and web data. This course develops necessary quantitative skills to help students solve complex problems on social media and the web domain.

BUA6030 Data Analytic Project Management 3c/h

Project in Business Analytics through which graduate students integrate functional knowledge acquired in courses through the completion of a consulting project, applied research project, or field study.

BUA6031 Business Analytics Project 6c/h

This project gives you the opportunity to apply what you've learned about how to make data-driven decisions to a real business challenge faced by global technology companies like Yahoo, Google, and Facebook.

CEN2051 Introduction to Engineering Design 3c/h

This course studies the representation or model of software that provides information about the structure of the data, architecture, interfaces. Its importance lies in the fact that it is from here that the quality of the software is extracted or established and relevant improvements can be made, if necessary, without invoking tests or the customer.

CEN2052 Computer Architecture 3c/h

This course presents students with the conceptual design and fundamental operational structure of a computer system through model practices and a functional description of the requirements and design implementations for various parts of a computer, with special interest in the way in which the central processing unit works internally and accesses the memory addresses.

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CEN2053 Data Structure 3c/h

This course presents to the apprentices, methods and techniques applied to the organization, interrelation and operations that can be carried out to a set of elementary data.

CEN2054 Object-oriented Programming 3c/h

This course presents the techniques and concepts that allow the resolution of problems through the use of models called objects that represent an abstraction of real life in them.

CEN2055 Professional Communication for Engineering 3c/h

This course introduces trainees to basic communication techniques for the management of projects, jobs and relationships in engineering related environments.

CEN4051 Statistics for Engineering Technology 3c/h

Statistical methods applicable to engineering, including theory and application of classical and nonparametric methods.

CEN4052 Logic Programming 3c/h

A language-independent programming course, teaching students programming concepts and logic without assuming any previous programming experience. Focuses on current languages providing code snippet examples and complete programs for each.

CEN4053 Data Communication and Networking 3c/h

This course teaches the design and implementation techniques essential for engineering robust networks. Topics include networking principles, Transmission Control Protocol/Internet Protocol, naming and addressing (Domain Name System), data encoding/decoding techniques, link layer protocols, routing protocols, transport layer services, congestion control, quality of service, network services, Software Defined Networks (SDNs), programmable routers and overlay networks, wireless and mobile networking, security in computer networks, multimedia networking, and network management.

CEN4054 Program Structure 3c/h

Achieve an understanding of fundamental data structures and algorithms and the tradeoffs between different implementations of these abstractions. Theoretical analysis, implementation, and application. Lists, stacks, queues, heaps, dictionaries, maps, hashing, trees and balanced trees, sets, and graphs. Searching and sorting algorithms.

CEN4055 Introduction and Implementation Mechanical Learning 3c/h

This course presents several fundamental concepts and methods for machine learning. The objective is to familiarize the audience with some basic learning algorithms and techniques and their applications, as well as general questions related to the analysis and management of large

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data sets. Several publicly available software libraries and data sets will be used to illustrate the application of these algorithms. Therefore, the application of the proposed techniques to the solution to real problems in the learner's environment will be emphasized.

CHE2031 The coaching process 3c/h

This course introduces students to understand the role and importance of coaching for success. Clarify what coaching is and learn how to structure coaching; tools like brainstorming, check-ins, effective use of time, and problem-solving.

CHE2032 Differentiated Instruction 3c/h

This course focuses on practical instructional strategies for designing developmentally appropriate and challenging learning experiences based on the unique needs of individual learners. Students use differentiated instruction and universal design for learning as frameworks for designing lessons that meet the needs of diverse learners. Methods for adapting instruction and supporting students through modifications, accommodation, and assistive technology explored.

CHE2033 Reaching and Engaging Online Learners through Technology 3c/h

This course focuses on how technology can help learners unlock the power of some of the most potent learning principles discovered to date. Students will learn that technology can help learners think about an idea in more than one way and in more than one context, reflect on what is learned, and adjust understanding accordingly. Technology can also help capture learners' attention by tapping into their interests and passions. It can help students align how they learn with what they learn.

CHE2034 Creating an Effective Online Learning Environment 3c/h

To develop an effective online course there is a need to apply some basic strategies to make the most of the project. In addition to learning strategies, there are also some key elements of a successful online course, such as group activities, feedback, clear direction and others. This is exactly what we will discuss on this course.

CHE2035 Engaging Culturally Diverse Learners 3c/h

This course includes a multitude of teaching strategies shown by research to be effective in educating diverse student learners. Diverse stoically, culturally, and linguistically diverse families and communities of lower socioeconomic status. If educators act on the knowledge research offers, we can realize the educational excellence we desire for all children.

CHE4031 Group Dynamic and Communication 3c/h

This course provides an overview of the basic theory, concepts, and research in small group processes. To encourage the application of small group research in order to explain and understand everyday group situations.

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CHE4032 Cognitive Neuroscience 3c/h

Cognition is acquisition, storage, transformation, and use of knowledge. Neuroscience is the study of the structure and workings of the nervous system. Cognitive neuroscience, then, is the study of how cognitive processes can be explained by the structure and function of the brain. Topics covered in this class include working memory, numbers and math, hearing, language, decision making, music, and Alzheimer's disease. Students are expected to have a basic understanding of biology before taking this class.

CHE4033 Coaching and Mentoring 3c/h

This course explores adult development and learning theory, mentoring as well as coaching models and approaches such as Touchpoints, and current research on stages in teacher development. Students will study skills associated with effective mentoring and coaching including establishing trust in collaborative mentor relationships; assessing and addressing the needs of the protégé; assessing teaching skills through observation; conferencing and supporting professional goal planning; assessing early training that contributes to the development of early childhood professionals

CHE4034 Neuro Linguistic Programming (NLP) 3c/h

NLP is a powerful change management tool that transforms the way people think and act to have the greatest impact both professionally and personally. NLP is one of the most powerful skills used today in business, psychology, sales, and all forms of personal development. This course teaches you how the mind functions, stores and retrieves information, filters and processes' data and shows you how to use your brain for a change.

CHE4035 Emotional Intelligence 3c/h

Emotional Intelligence (also referred to as EI and EQ) is about an individual's ability to recognize and regulate their own emotions and the emotions of others in order to achieve their goals. This course will explore various models of EQ, the ethics of incorporating EI assessments and training in various situations, criticisms of the EQ concept and components of EI, and how to strengthen your own Emotional Intelligence. By learning about EQ, you can better determine whether or not your students would benefit from EQ training, learn how to strengthen your own EI skills, and understand the relationship between personality and Emotional Intelligence as well as the role that EI plays in those with emotional or psychiatric disorders and those on the autism spectrum.

CHE6000 Evolutionary Coaching 3c/h

Evolutionary coaching is different from other coaching because of the values-based approach within a new psychological framework. We grow in stages of psychological development; we operate at levels of consciousness and we live inside cultural worldviews. Primary motivations tell you what stage of psychological development you have reached. Secondary motivations tell you what is blocking you, what conscientious and subconscious unmet needs you have and how

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they hold you back from finding your purpose and experiencing your potential. This course is about human emergence, about the impact of basic/growth needs dynamics on personal growth and mastering your life.

CHE6001 Coaching Techniques in Education 3c/h

Instructional coaching is a highly effective way to help teachers develop a reflective practice. Through this course, participants will learn how to differentiate coaching strategies to assist teachers at all stages of development to become more reflective and, in turn, make a bigger impact in the classroom. Participants will learn how to ask questions that encourage reflection, plan effective coaching sessions, and analyze videos of coaching in action.

CHE6002 Ethnicity and Diversity 3c/h

This course focuses on issues of diversity, oppression and ethnicity. It is designed to prepare students to be knowledgeable of people's biases based on race, ethnicity, culture, religion, age, sex, sexual orientation, social and economic status, political ideology, disability and how these contribute to discrimination and oppression. Students will learn about diverse cultures, family structure, roles, immigration and assimilation experiences of marginalized groups. Students will also learn about the influence of the dominant culture on these diverse and marginalized (population at risk) groups.

CHE6003 Attention Management 3c/h

The purpose of this course is to raise awareness about the importance of attention in today's stimulus-rich environment and to argue for attention management as a fundamental technology literacy skill that needs to be integrated into technology and education. The course presents evidence about the costs of distraction and multitasking, reviews theoretical frameworks that explain the functioning of human attention and the possibility to train it, and introduces an empowering perspective for enabling students to master their own attention.

A simple method for attention training is presented and data that validates the concept of integrating attention training into higher education is presented.

CHE6004 Project in Coaching in Online Education 3c/h

In this course, you will be required to complete a course project designed to strengthen your professional practice and extend your knowledge related to Coaching in Online Education.

Using your own professional growth needs to guide topic selection and provide a meaningful connection to your teaching practice. Each stage of this project provides the opportunity for research, development, application, evaluation, and reflection. By sharing newly acquired expertise, you will endeavor to enhance practice that impacts student learning and achievement.

COR1011 Introduction to Online Education 3c/h

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Online education is a form of education which is delivered and administered using the internet. In this course, students are going to learn that online education can be divided into several categories depending on the amount of online learning that is incorporated into the course, ranging from traditional face-to-face learning to blended learning to exclusive online courses. The difference between synchronous and asynchronous online learning and how each impacts the instructor and students is also addressed.

COR1012 Educational Technology 3c/h

The focus of this course is on developing integration strategies and acquiring computer skills for using instructional technology and educational software, digital media, and information technologies appropriate to teaching environments. Students will gain expertise in the selection of appropriate instructional technologies and digital media for use in the classroom.

COR1013 Online Education History and Development 3c/h

The central aim of this course is to present a framework of Virtual Education. Starting from its origins, students will have a clear overview of the ways virtual education has been changing the teaching-learning process and they will see what is in the future ahead. All levels of the educational system are going to be studied giving the students the opportunity to have a wide vision of the applications of virtual education.

COR1014 Learning and Cognition 3c/h

This course introduces students to study classic and contemporary models of human cognition and learning through the lenses of the principal schools of psychology.

COR1015 Self-Learning 3c/h

Learning independently can be challenging, even for the brightest and most motivated students. In this course students will have a better understanding of the processes involved in this mode of study. Study of the Teaching Tips to outline key components of four key stages to independent learning, known as self-directed learning: being ready to learn, setting learning goals, engaging in the learning process, and evaluating learning.

COR1016 Enhancing Learning for Diverse Populations 3c/h

This course focuses on practical instructional strategies for designing developmentally appropriate and challenging learning experiences based on the unique needs of individual learners. Students use differentiated instruction and universal design for learning as frameworks for designing lessons that meet the needs of diverse learners. Methods for adapting instruction and supporting students through modifications, accommodations, and assistive technology are explored.

COR1017 Learning Management Systems 3c/h

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The Learning Management System's role varies depending on what goals an organization is looking to achieve. However, the main objective of the LMS is typically to host and track online learning. This course provides a virtual hub for training resources. The LMS aims to make training accessible for remote learners and provide a central location for training across an institution or organization. Additionally, students are going to learn how an LMS makes learning more streamlined, organized, and cost-effective. An LMS allows you to manage content, record and measure learning, store learner data, and communicate with (and enable communication amongst) users.

COR1018 Critical Thinking 3c/h

Critical thinking is the mental process that is used to evaluate the strength of an argument or the value of a claim. It is also used to decide on a course of action. This course is a study of that process and a look into the different aspects that make up that process.

COR1019 Positive Psychology 3c/h

This course will concern itself with the basics of positive psychology. Positive psychology calls for as much focus on strength as on weakness, as much interest in building the best things in life as in repairing the worst, and as much attention to fulfilling the lives of healthy people as to healing the wounds of the distressed.

COR1020 Learning Theories 3c/h

How does the brain learn, and how can we teach in a way that elicits the maximum potential of every student? Our brains are all different, from the genes that we inherit to the life experiences that change them. Should all students be expected to achieve the same level of competence in all subject areas, despite having dissimilar brain content? Which teaching activities, methodologies, and strategies best nurture the brain's natural way of learning? This is an introductory course on the basic principles, tenets, and instructional guidelines in the new academic discipline of Mind, Brain, and Education Science.

COR1021 Introduction to Computer Science 3c/h

This course is about the systematic study of feasibility, structure, expression and mechanization of methodical procedures or algorithms that underlie the acquisition, representation, processing, storage, communication and access to information.

COR1022 Thermodynamics 3c/h

This course deals with the fundamentals of Thermodynamics including thermodynamic systems and properties, relationships among the thermos-physical properties, the laws of thermodynamics and applications of these basic laws in thermodynamic systems.

COR1023 Discrete Math for Computer Science 3c/h

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This course covers widely applicable mathematical tools for computer science, including topics from logic, set theory, combinatorics, number theory, probability theory, and graph theory. It includes practice of reasoning formally and proving theorems.

COR1024 Macroeconomic 3c/h

This course will provide an overview of macroeconomic issues: the determination of output, employment, unemployment, interest rates, and inflation. Monetary and fiscal policies are discussed, as are public debt and international economic issues. We introduce basic models of macroeconomics.

COR1025 Theory of Computing 3c/h

The goal of this course is to understand the fundamental limits on what can be efficiently computed in our universe and other possible universes. These limits reveal deep and mysterious properties of information, knowledge, and processing, as well as practical issues about what can and cannot be computed.

COR1026 Digital Logic 3c/h

In this course, digital logic is studied as a science of reasoning applied to electrical circuits that are the support of digital systems. It delves into the area of mathematics that is used in the field of electronics, distinguishing itself as the main support of the structure of computers.

COR1027 Human Computer Interaction 3c/h

This course provides an introduction to and overview of the field of human-computer interaction (HCI). HCI is an interdisciplinary field that integrates theories and methodologies from computer science, cognitive psychology, design, and many other areas. Course readings will span current theory and practice in interface specification, design and evaluation, as well as current and classic research papers in HCI.

COR1028 Human Resource Management 3c/h

This course examines the role, requirement and need of quality personnel management. Primary functions include, recruitment, training, compensation and disciplinary. It also explores how jobs not specifically tasked with Human Resource Management include activities related to HRM, from the manager and the subordinate point of view. Additional focus is included for HRM from a legal and a global standpoint.

COR1029 Brand Management 3c/h

In this course you will start by exploring the elements that make some brands great, why some brands garner premium consideration, and appropriately, how to improve a brand. You will work to create a great brand purpose and how to monitor the market to support the longevity of your brand by analyzing the impact of trends on your brand. Also assess and strengthen your brand's mission, vision, and values.

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COR1030 Creativity & Innovation 3c/h

This course focuses on the creative process by introducing students to creative practice as a disciplined approach to problem solving and innovation requiring research, persistence and grit. Students will be encouraged to synthesize existing ideas, images, concepts, and skill sets in original ways, embrace ambiguity and support divergent thinking and risk-taking.

COR1031 Microeconomic 3c/h

This course will provide an overview of microeconomic issues: price determination, supply and demand. Of primary importance are the behavior of individuals/ households and firms and their impact on price, and the supply and demand for goods and services. We introduce basic models of microeconomics.

COR1032 Coaching & Leadership Skills 3c/h

This course introduces students to understand the role and importance of coaching for success. Clarify what coaching is and learn how to structure coaching; tools like brainstorming, check-ins, effective use of time, and problem-solving.

COR1124 Linear Algebra 3c/h

This course covers matrix theory and linear algebra, emphasizing topics useful in other disciplines. Linear algebra is a branch of mathematics that studies systems of linear equations and the properties of matrices. The concepts of linear algebra are extremely useful in physics, ecosystems and social sciences, natural sciences, and engineering.

COR3011 Child Development, Motivation, and Learning 3c/h

This course examines the theoretical and apprehensive aspects of learning, motivation, human development, personality, assessment, and evaluation in the educational setting. Emphasis is placed on developing skills to better understand learners to foster improved learning, influence and manage classroom learning, and recognize and consider individual differences.

COR3012 Curriculum Design for Online Education 3c/h

This course in Online education curriculum design presents an understanding of curriculum design and development. Students learn about the research, design and development steps that go into the curriculum planning process. New instructional techniques are also presented. Students become familiar with modern practices and theories of knowledge acquisition.

COR3013 Assessments and Evaluation in Online Education 3c/h

This course considers how emerging techniques, such as data mining and learning analytics, allow the use of performance and behavioral data to improve student learning not just for future interactions of a program, but in real time for current students.

COR3014 Teaching Adults, Theories and Frameworks 3c/h

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This course reviews three major theories andragogy, self-directed learning, and transformational learning and discusses their implications for practice.

COR3015 Copyrighted Materials in the Digital Age 3c/h

This course examines the relationship between copyright law and education. In particular, we explore whether innovative educational uses of digital technology were hampered by the restrictions of copyright. Also, we will review the basics of Fair Use and the TEACH Act and then will go over several scenarios to help students understand the responsible choices when sharing materials online.

COR3016 Online Instructional Strategies for Adult Learners 3c/h

This course includes effective online instruction and learning experiences appropriately designed and facilitated. Because adult learners have different learning styles or a combination of styles, as online educators, students are beginning to design activities using multiple modes of learning in order to provide significant experiences for each class participant.

COR3017 Assessments in Online Environments for Adult Learners 3c/h

This course indicates the steps in an online assessment program for adults. Develop learning objectives, check for program alignment, develop an assessment plan, collect data, use results and examine assessment processes.

COR3018 Living and Learning in a Technological World 3c/h

In this course, students examine the advantages, disadvantages, and controversies of living and learning in an ever-changing technological environment. By exploring multiple perspectives, students discover how technology is changing the media, culture, business, health, human behavior, and overall access to information.

COR3019 Creativity and Innovation 3c/h

The course teaches creative solving techniques, entrepreneurial mindsets, and lean startup methodology in an immersive, participative environment. Students will learn creativity and innovation techniques, and intellectual property basics. In addition, students will develop skills in rapid idea generation, opportunity recognition, and customer interviewing.

COR3020 Research Theory, Design, and Methods 3c/h

Students on this research course are provided with the opportunity to develop core knowledge and skills for understanding, analyzing, and designing research. Students explore the philosophy of science, the importance of theory in research, and research processes. The course also introduces students to the quantitative, qualitative, and mixed-method research designs and methods.

COR3021 Programming Abstractions 3c/h

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The course will focus on teaching problem solving skills, basic abstract data types, and recursion. General topics include basic programming methodology (engineering, modularity, and documentation), data abstractions (stacks, queues, linked lists, hash tables, binary trees, generics and templates), recursion (procedural, back stacking), searching and sorting, and basic algorithmic analysis (including Big-Oh notation).

COR3022 Analytic Geometry and Calculus 3c/h

This course is devoted to the study of elementary analytic geometry, functions, limits, continuity, derivatives, antiderivatives, and definite integrals.

COR3023 Technology Project Management 3c/h

The purpose of this course is to assist the I/T professional in understanding the components of complex projects, manage those project components, form and lead a project team. Project Management tools and techniques will be introduced and discussed.

COR3024 Optimization 3c/h

Optimization is the problem of making decisions to maximize or minimize an objective in the presence of complicating constraints. The class will take you on a journey through the theory, methods, and application of linear programming, integer programming, Markov chains, and Markov decision processes.

COR3025 Calculus 3c/h

This new edition has been streamlined to create a flexible approach to both theory and modeling.

The program includes a variety of problems and examples from the physical, health, and biotechnological sciences, engineering and economics; emphasizing the connection between calculus and other fields.

COR3026 General Physics 3c/h

General Physics is intended to provide you with a fundamental understanding of the laws of physics with applications to our everyday life and your major. This course also serves to develop cognitive and analytical skills, which can be applied to all majors

COR3027 Entrepreneurship Project 3c/h

This course is designed to introduce students to the concept of entrepreneurship. Students will acquire the knowledge of the nature and scope of entrepreneurship and understand the impact of entrepreneurship on market economies. Students will develop a project including personal traits and behaviors to become a successful entrepreneur.

COR3028 Corporate Finance 3c/h

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This course will provide in-depth knowledge about the theory and practice of corporate finance. It outlines the processes and applications of corporate finance in detail. It gives an essential guide for those who wish to pursue this discipline further.

COR3029 Data Analytics 3c/h

An introduction and overview of information resources commonly used in business, including secondary and syndicated data resources. The focus of the course is enabling students to identify, locate, analyze, and report on business data sources both qualitatively and quantitatively.

COR3030 Accounting I 3c/h

This course is a study of the underlying theory and application of managerial accounting concepts. It emphasizes application and utilization of accounting principles in business entities. The areas of costs, business management, budgeting, cost reporting and controls, as well as specialized internal reports, are covered.

COR3031 Introduction to Statistics 3c/h

This is an introductory course in statistics intended for students in a wide variety of areas of study. Topics discussed include displaying and describing data, the normal curve, regression, probability, statistical inference, confidence intervals and hypothesis tests with applications in the real world. Students also have the opportunity to analyze data sets using technology in their weekly laboratory discussions.

COR3032 Fundamentals of Artificial Intelligence 3c/h

In this course we will cover the past, present and future of artificial intelligence. We will also mention the most important concepts that will be useful in the rest of the specialized program. We will discuss the social, ethical and philosophical implications of developments in artificial intelligence in different areas of knowledge.

COR3033 Leadership and Multicultural Environment 3c/h

Leadership is examined through an interdisciplinary, global lens. Students learn how cultural context affects leadership style, conflict negotiation, and ethical decision making; examine how leaders might impact culture; and develop their own multicultural awareness and competencies. Contemporary cases of how leadership varies depending on the cultural context in which one is leading are researched.

COR3034 Marketing 3c/h

This course concepts of effectively marketing goods and services; defining target customers from a domestic and global perspective. It includes market research, developing product offers, and branding, pricing, marketing communications and distribution channels.

COR3035 Non for -Profit Management 3c/h

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This course gives the students the information they need on the way to lead a non-profit organization and manage it effectively so that more and more people know the basics of working with a non-profit organization. It provides all the necessary information they may be seeking before starting a non-profit organization or taking up a leadership role in an existing one.

CSY2061 Operating Systems 3c/h

Study of the structure of current computer operating systems. Topics include I/O management, memory management, multi programming, linking loaders, real and virtual systems, batch and time sharing.

CSY2062 Software Systems Architecture 3c/h

This course covers the state-of-the-art in architectural design of complex software systems. The course considers commonly used software system architectures, techniques for designing and implementing these architectures, models and notations for characterizing and reasoning about architectures, and case studies of current software system architectures.

CSY2063 Artificial Intelligence 3c/h

This course introduces you to the basics of Artificial Intelligence. Topics include machine learning, probabilistic reasoning, robotics, computer vision, and natural language processing. Students learn the basics of modern Artificial Intelligence as well as some of the representative applications of Artificial Intelligence.

CSY2064 Computer Systems and Networks 3c/h

This course provides a thorough understanding of the fundamentals of computer-based information systems and how they are used in modern enterprise systems. It introduces the fundamentals of operating systems, networking systems, distributed systems, and web services. It explores the hardware, software, and network components of typical information systems and provides some in depth description of their design principles, algorithms and implementation techniques.

CSY2065 Computer and Graphics 3c/h

The goal of this course is to understand the process of modeling and generating images of 3D objects. We will start by learning the basics of producing images on the computer screen using the WebGL API (Application Programming Interface). We will then look at the manipulating process of building two- and three-dimensional mathematical models of complex objects, manipulating and combining these models, and projecting the models onto a two-dimensional image space.

CSY4061 Network Management 3c/h

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This course explores the five functional areas of network management: fault management, configuration management, accounting management, performance management, and security (FCAPS).

CSY4062 Digital Logic and Computer System 3c/h

In this course, digital logic is studied as a Sciences of reasoning applied to electrical circuits that are the support of digital systems. It delves into the area of mathematics that is used in the field of electronics, distinguishing itself as the main support of the structure of computers.

CSY4063 Discrete Mathematics for Computer Science 3c/h

This course covers widely applicable mathematical tools for computer science, including topics from logic, set theory, combinatorics, number theory, probability theory, and graph theory. It includes practice of reasoning formally and proving theorems.

CSY4064 Automata and Formal Languages 3c/h

In this course the study of abstract calculation devices is carried out, that is, of the "machines", the study of automatons and their relationship with the formal languages or set of symbols and preset rules to join those symbols constitute an important part of the core of Computer Science.

EDU5000 Online Education in the 21st Century 3c/h

Online instructors should promote 21st century skills directly, intentionally and measurably in their courses. This course, based on research, involves the 4C's: Creativity, Critical thinking, Communication and Collaboration; in addition to information literacy, media literacy, technology literacy, and career and life skills.

EDU5001 Design of Evaluation Strategies in Online Education 3c/h

In this course, students find ways to make the evaluation process more rewarding for all parties concerned by using frames and approaches that matter. They study the best strategy for effectively evaluating online learning programs by using what they already know, but also to add value and make meaning, integrate evaluation into larger processes, evaluate the process as well as results, and keep the focus on making things better.

EDU5002 Research as Tool in Online Education 3c/h

In this course we are addressing what the research to date can tell us about student, faculty and institutional change, what directions for future research seem most promising, and what we really need to do to move research on online learning to more rigorous and more informative levels.

EDU5003 Current Issues and Challenges in Online Education 3c/h

Online training comes with its own particular characteristics, which can jeopardize (or limit) the success of the training. E-learning should not be seen as a panacea. It is only by knowing the problems that other companies and institutions have encountered that you can implement

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programs to realize its full potential. Therefore, in this course we are going to investigate and identify the major problems of online training.

EDU5004 Innovative Resources for Online Education 3c/h

Online education has radically changed the landscape of modern education. We're learning in a new and more fluid environment, one ripe with opportunities for students of every kind. This course covers seven current trends in online education. These emergent approaches to content and curriculum are part of a whole new wave of learning opportunities distinguished by web mediation. As these trends demonstrate, online education is producing a whole new set of strategies for improving engagement, retention, and mastery.

EDU5005 Educational Psychology 3c/h

The goal of this course is to provide an overview of general principles, theories, issues, and related research in educational psychology. This is an applied area of psychology and includes constructs from cognitive, developmental, and social psychology, as well as neuroscience, as applied to education.

ENT6041 Entrepreneurial Mindset 3c/h

This course provides an overview of the entrepreneurial process that will teach you to identify, assess, shape, and act on opportunities in a variety of contexts, settings and organizations. You will learn and implement the method - Entrepreneurial Thought & Action® (ETA) – which will give you a proven and repeatable process to enhance you to create new and added value for stakeholders and society.

ENT6042 Avoiding Pitfalls in Entrepreneurship 3c/h

In this course, we will examine a range of dilemmas regarding the choice of hires, splitting the roles and equity within the team, whether and how to involve investors, why and how founders are replaced, and exit dilemmas. With each decision, we will delve into the potential pitfalls that exist and the ways to anticipate and avoid those pitfalls.

ENT6043 New Product Development 3c/h

In this course, we first focus on the tools and techniques associated with analyzing market opportunities and then focus on designing, testing, and introducing new products and services. Both quantitative and qualitative approaches are covered. In particular, the course covers the new product development process, strategic opportunity identification, how to generate new product concepts and ideas, mapping customer perceptions, segmentation, product positioning, forecasting market demand, product design, market entry strategies, and testing.

ENT6044 Technology Development and Implementation 3c/h

The learning objective of this course is to provide a holistic, interdisciplinary and integrated view of the open technological innovation process in a competitive global market. It blends both

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market and engineering perspectives, so that students can develop correct understandings of how technological innovations impact on market competitions and how market competitions in turn, can change technological innovation.

ENT6045 Operations Management 3c/h

This course is an introduction to the concepts, principles, problems, and practices of operations management. Emphasis is on managerial processes for effective operations in both goods-producing and service-rendering organizations. Topics include operations strategy, process design, capacity planning, facilities location and design, forecasting, production scheduling, inventory control, quality assurance, and project management. The topics are integrated using a systems model of the operations of an organization

ENT6046 Leading Effective Teams 3c/h

Examines principles of building highly effective teams by analyzing the variety of interrelated practices underlying group dynamics. Combines learning through hands-on situations and contemporaneous experiences in a team-based exercise.

ENT6047 Advanced Analytics for Entrepreneurs 3c/h

The key objective of this course is to familiarize the students with the most important information technologies used in manipulating, storing, and analyzing big data. We will examine the basic tools for statistical analysis, R and Python, and several machine learning algorithms. The emphasis of the course will be on mastering Spark 2.0 which emerged as the most important big data processing framework.

ENT6048 Sales Management 3c/h

Students will be exposed to the responsibilities of a sales manager and the strategic role of Sales within the organization. The course is designed to teach students how to formulate, implement, and evaluate a sales program. The focus of the course is on the management of sales programs and salespeople.

ENT6049 Innovation and Sustainability 3c/h

The purpose of this course is to offer students practical information about the exciting frontier of innovation and entrepreneurial activity benefiting people, the planet, and profit. Sustainability in business refers to competitively advantageous strategies and practices firms adopt to grow revenues, cut costs, improve market share, enhance brands, and redesign products and processes to reduce or eliminate adverse environmental, health, and community impacts. We will examine key trends and drivers of corporate innovation, strategic shifts, and new markets.

ENT6050 Finance for Entrepreneurs 3c/h

In this course, students identify, access, and evaluate sources of financing for start-ups and expanding technology companies. The approach uses case studies, group interaction, and

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presentations from experts in the field. Attention will be given to financial theory, risk assessment, valuation options, term sheets, due diligence techniques, and the setting up of financial reports for monitoring progress toward meeting milestones.

ENT6051 Law for Entrepreneurs 3c/h

This course provides a survey of the bodies of law most crucial to advising entrepreneurs who are looking to establish or have recently established a business. As a survey, the course materials are an eclectic mix of different topical areas in law. These areas include choice of business structure, professional responsibility, employment and contract law, the legal framework of finance, intellectual property, and laws governing the sale of a business. Emphasis will be placed on understanding the role of business lawyers as counselors.

GEN1000 English Composition I 3c/h

This course will enhance your ability to communicate effectively and clearly by sharpening your critical thinking and writing skills. We will begin with a unit designed to change the way in which you think about writing. You will also begin to value writing as a process – an admittedly difficult one – rather than a product. Also, this course will focus on academic writing, the minutiae of good writing practices from style to citation methodology, and to improve your ability to write clear, grammatically-sound expository and persuasive prose. Finally, we will include a “Grammar Capsule,” focusing on a specific grammatical issue.

GEN1001 Innovation and disruptive Thinking 3c/h

The objective of this course is to provide methods to enhance the ability to visualize multiple and dimensional environments, challenging the established and investigating new ideas and concepts of science and art. In this way, strengthen curiosity, assertiveness and creativity, generating new environments to see and solve possibilities in a unique and collaborative way.

MAT1007 College Algebra 3c/h

This course presents rational expressions, integer and rational exponents, quadratic formula, complex numbers, exponential and logarithmic functions, conic sections, trigonometry.

GEN1003 Global & Environmental Sustainability 3c/h

The accumulating impact of environmental problems on our lives has created a public awareness that environmentalists could only dream of about twenty years ago. However, within our complex consumer society, many of these “impacts” cannot be readily mitigated due to “needs” that they fulfill. Furthermore, we have evolved into a society where environmental sustainability means anti-economy and economic growth means anti-sustainability. This course looks to analyze this multifaceted problem with specific reference to sustainability within the urban and rural environments, as well as within the developed and developing worlds.

GEN1004 Creativity, Art and Superior Intelligence 3c/h

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It is possible to obtain superior intelligence if the multiple intelligences of Howard Gardner, Alvaro Sanchez and others are developed and the spirit is also sensitized through the arts, ametric and beauty as new forms of capture the world. On the other hand, the impact on the mystery of the universe through creativity and imagination can bring geniality closer to increasing the capacity for attention, concentration and faith.

GEN3000 English Composition II 3c/h

Once this course is finished, students will be able to understand spoken and written texts effortlessly. They will also be able to reconstruct information and arguments from different sources in a coherent and synthetic way. Students will be able to speak fluently and accurately, which will allow them to differentiate subtle meaningful hints, even during situations of greater communicative complexity.

GEN3001 Fundamentals of Programming 3c/h

Introduction to computer programming with emphasis on algorithms and an understanding of underlying hardware. Topics include syntax, variables, control structures, pointers, operators, functions, and input and output.

GEN3002 History and Development of Online Education 3c/h

It is necessary to investigate and understand the progression and advancements in educational technology and the variety of methods used to deliver knowledge to improve the quality of education we provide today and motivate, inspire, and educate the students of the 21st century. This course explores the evolution of distance education, beginning with correspondence and the use of parcel post, to radio, then to television, and finally to online education.

GEN3003 Knowledge Management 3c/h

The purpose of this course is to allow learning in information management and knowledge management. Be curators of content, capture the dynamics of knowledge that is permanently transformed, in order to apply it in technologies, new companies, concepts and ideas, transforming reality and generating new knowledge

GEN3004 Leadership and Personal Power 3c/h

The purpose of this course is to go beyond leadership by discovering the dimension of personal power, which is the force that shapes character and destiny. That personal power that gives self-assurance and awakens the desire to be, to leave a mark on history, leading to a life of service and achievements.

GEN3005 Fundamentals of Science and Technology 3c/h

This course introduces the student to the logic of science and technology to understand today's world and prepare professionals for the fourth industrial revolution and perhaps prepare them for the fifth by helping to create it. It also allows the student to understand the fundamentals of

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mechanics, electronics, mechatronics, artificial intelligence, robotics, software, programming, etc. to innovate and transform

ICT2041 Programming languages 3c/h.

In this course, the student extends his/her knowledge of computer programming by learning abstraction techniques that help him build more complex and quality software in different types of languages. The course focuses on identifying common styles and techniques used in different programming languages, increasing your ability to abstract to build software independently of the language being used.

ICT2042 Digital Teaching Platforms 3c/h

Platforms can help Ed Leaders, administrators and educators accomplish a variety of challenging tasks, such as powering and tracking personal learning plans, managing assignments and dynamic grouping, supporting the development of standards-aligned projects, combining formative assessment in a standards-based grade book, and connecting students, parents and teachers anywhere on any device. We will also study 30 platform providers who can be used in digital teaching.

ICT2043 Information Literacy and Technology 3c/h

This course will provide students with practical knowledge of information literacy skills; specifically, the process of conducting information research for academic assignments and lifelong learning. Students will learn and be able to articulate and perform the research process.

ICT2044 Data Management I 3c/h

This course indicates the importance of the use and implementation of the structure and ordering of the data. The organization of the multinational data within the framework of the learning processes.

ICT2045 Programing for Online Education I 3c/ h

The purpose of this course is to provide the participants with key skills needed in the extraordinary field of web development. The course will include an in-depth study of HTML, the main language of the Internet, and the fundamental coverage of XHTML and XML, the current generation languages of the Web. Emphasis will be found on the development of qualified, cross-snews.com websites.

ICT2045 Elective 3c/h.

Elective course.

ICT4041 Artificial Intelligence & Education 3c/h

In the fast-changing world of the early 21st century, education is also changing. This course will examine how students learn in the artificial intelligence age. It will equip educators with

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knowledge of the most current technologies available to facilitate learning, inform teachers of how they can use this technology in their lessons, and instruct educators on how to design a learning environment that will support 21st century skills.

ICT4042 E-Learning Applications 3c/h

The purpose of this course is to provide detailed guidance on designing and developing an e-learning course for trainers and instructional designers who are new to e-learning design. It also provides basic concepts and information on the processes and resources involved in e-learning development, which might be of interest to capacity-development managers.

ICT4043 learning and eLearning 3c/h

This course provides a design of an approach for personalized and self-adapted agent-based learning systems for enhancing e-learning and mobile learning (m-learning) services to be learner-centric.

ICT4044 social media in Online Education 3c/h

In this course, you'll read about fun and educational ways to use social media alongside your instruction. From teacher tips to informational articles, you'll learn which platforms are the best fit for your classroom and for assessing student progress. Each section covers a different platform of social media and includes information about ways to set up a profile, adjust privacy settings and preferences, connect with students and colleagues, and seek out ideas from teachers with new and innovative ideas.

ICT4045 Cyber Security 3c/h

This course is designed to teach mid-level security practitioners how to engage all functional levels within the enterprise to deliver information system security. To this end, the course addresses a range of topics, each of which is vital to securing the modern enterprise. These topics include inter alia plans and policies, enterprise roles, security metrics, risk management, standards and regulations, physical security, and business continuity. Each piece of the puzzle must be in place for the enterprise to achieve its security goals; adversaries will invariably find and exploit weak links.

ICT4046 Models and systems simulation 3c/h

This course presents the concepts of systems and models, defining the characteristics that allow classifying the types of models, the concept of simulation and the types of simulation models. The apprentices will be able to study the different dynamic systems and mathematical models, the principles of the generation of systems including continuous and discrete models.

ICT4047 Machine Learning Challenge and Future Project 3c/h

In this course, the fundamentals of machine learning are taken and applied to the approach of a project that allows them to solve a real need of the learner's environment.

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ICT4048 Robotics 3c/h

This course is a challenging introduction to basic computational concepts used broadly in robotics. Topics include simulation, kinematics, control, optimization, and probabilistic inference. The mathematical basis of each area is emphasized, and concepts are motivated using common robotics applications and programming exercises.

ICT6011 Programing for Online Education II 3c/ h

This course picks up where ICT2045 leaves off, diving more deeply into the design and implementation of web apps with Python, JavaScript, and SQL using frameworks like Flask, Django, and Bootstrap.

ICT6012 Virtual Reality and Gamification 3c/h

This course presents the theories of technology relating to interaction through gaming. Students undertake critical comparative analysis of digital games to develop an understanding of how game design principles provide opportunities for engagement and participation in both virtual gaming playgrounds and non-game contexts. Students will examine and critically reflect on the accessibility and intercultural communication opportunities that gaming communities provide as well as the possible disconnects and social encumbrances this new wave of work and play may create. They will use methods of evaluating digital environments along the lines of aesthetics, usability and resource efficiency and be involved in considering a game-like track for a game or non-game context.

ICT6013 Artificial Intelligence & Machine Learning Implementation 3c/h

In this course they review the concepts previously acquired in the classes of artificial intelligence and machine learning and analyze the different applications of these concepts in real situations of the learner's environment.

ICT6014 Data Management II 3c/h

This course brings the students to know their skills in leadership. The meaning of creativity and personal imagination through the use of technological tools stimulating data management, for business management.

ICT6015 Project in Computer Innovation for Online Education 3c/h

There are so many challenges and trends for innovation in Online Teaching. In order to lead, teachers need to integrate the latest research in cognitive processing and learning outcomes. This practical course shows students how to identify opportunities for building games, simulations, and virtual environments into the curriculum; how to successfully incorporate these interactive environments to enhance student learning; and how to measure the learning outcomes. It also discusses how to build institutional support for using and financing more complex innovation.

MBI2072 Principles of Management and Business Intelligence 3c/h

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This course lays the foundation for understanding the basic functions of the business intelligence of management. It is focused on goal setting, planning, and organization, and how decision making, motivation and communication are used to achieve goals. Managers must also know how to measure performance and methods for reinforcement with business intelligence.

MBI2073 Strategy Planning for Business 3c/h

This course emphasizes strategic planning and implementation across a broad spectrum of business contexts. It focuses on the managerial, multi-business, multi-industry, multicultural, and multinational complexities of achieving and sustaining competitive advantage. The overarching goal of the course is to have students demonstrate their capacity to develop and execute organizational strategies in actual or simulated business situations.

MBI2074 International Business 3c/h

The course examines global economies and markets, such as business customs, multinational businesses and foreign trade practices. Students also study foreign business environments, cultural dynamics, economic developments and political impacts on foreign businesses.

MBI2075 BI and Data Analysis 3c/h

In this course, students will learn the complete analytics cycle, from determining requirements to extracting and disseminating information. It will cover the process, technologies, applications, tools, and skills required to analyze data so that informed and timely decisions can be made.

MBI4071 Business Modeling 3c/h

This is a managerial decision-making course. Various techniques for analytical modeling, such as forecasting, optimization, simulation, decision analysis, and classification, are discussed. Students gain mastery of developing models implemented in decision support systems that cover applications in strategic planning, financial management, operations/project management, and marketing research.

MBI4072 Business to Business Marketing and Sales 3c/h

B2B sales and marketing teams both share the same end goal – to bring money into the business – but their individual priorities and methods will be very different. In this course, students are going to learn that while the two teams may have different priorities, when they work together the results can be phenomenal. Marketing should focus on bringing in the most relevant traffic, then nurture these leads along the funnel until they are sales ready. Sales should then step in to close the deal, creating a seamless experience.

MBI4073 Decision Models and Analytics 3c/h

This course will show you how to analyze a wide array of business planning and decision problems involving data with the help of spreadsheet models. We provide a framework for quantitative decision making, optimal design, effective resource allocation and economic

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efficiency. The class will focus both on modeling the decision problems and implementing the designed models over the collected data.

MBI4074 Disruptive Innovations 3c/h

Disruption caused by innovation affects firms across multiple industries, from financial services to industrial firms, business processes to payment systems, manufacturing to supply chains. Students will learn about artificial intelligence (AI), big data, machine learning, blockchain, and fintech as examples of contemporary manifestations of disruptive technology that will profoundly influence disciplines beyond business and finance, such as law, health care and government.

MBI4075 Database design and data warehouse 3c/h.

In this course, you will learn exciting concepts and skills for designing data warehouses and creating data integration workflows. You will have hands-on experience of data warehouse design and use open manipulating pivot tables and creating data integration workflows. You will also gain conceptual background about mature models, architectures, multidimensional models, and management practices, providing an organizational perspective about data warehouse development.

MDM2101 Graphic Design 3c/h

This class is intended to stimulate both an understanding of and critical thinking about basic visual design theory and practice. Given the rules of the project and the fundamental principles of design, students will be able to produce a range of work that exhibits both their individual creativity and their knowledge of design fundamentals.

MDM2102 Digital Marketing 3c/h

This course will give the students the opportunity to explore and appreciate the enormous value of the Internet as a marketing tool, to examine specific tools and technology useful to e-Commerce marketing and, to put into practice the principles and concepts in order to obtain hand-on experience in the construction of web sites from the perspective of e-Business approaches.

MDM2103 Digital Imaging and Manipulation 3c/h

Digital Imaging Manipulation teaches the skills required for creating, manipulating, and publishing digital images for both print and interactive media. Students will work with image editing/ creation software Adobe Photoshop® as they learn the technical and creative processes concerning image resolution, color modes, image correction, image compositing, and image manipulation. The variety of digital file formats currently available and their appropriate use for both screen and media is covered.

MDM2104 Global Marketing Management 3c/h

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Global marketing is more than simply selling a product internationally. Rather, it includes the whole process of planning, producing, placing, and promoting a company's products in a worldwide market. Large businesses often have offices in the foreign countries they market to; but with the expansion of the Internet, even small companies can reach customers throughout the world.

MDM2105 Marketing Decision Analysis 3c/h

This course is designed to give students the nature of the links between marketing efforts and results and define what marketing is and what its core concepts are. The purpose of this course is, among others, to establish how marketing works and how it must be measured. At the same time, students will discuss the real context in which marketers operate, how organizations create value, and how marketing creates value. The nature of customer value (where benefits are) will be compared to the costs or sacrifices.

MDM4101 Social Media Marketing 3c/h

This course provides an introduction to social media marketing (SMM). It is built around a proven eight-step social media planning model that provides you with a cumulative learning experience showing you how to construct social media strategies that achieve desired marketing goals. You will be taught the rules of engagement and social media ethics for behaving properly as marketers on the social web.

MDM4102 Machine Learning 3c/h

This course will break down the fundamentals of machine learning and what it truly means. Students will learn to leverage neural networks, predictive modeling, and data mining algorithms, illustrated with real-world applications for finance, business and marketing.

MDM4103 Consumer Behavior 3c/h

This course explores the behavior that consumers display in searching, purchasing, using, evaluating and disposing of products.

MDM4104 Neuromarketing 3c/h

This course offers a comprehensive insight into the workings of the brain and its mind, and how this knowledge can inform our understanding of consumption behaviors. The content offers both basic and front-end academic insights and includes sensation and perception; attention and consciousness; emotion and feeling; memory and learning; motivation and preference; and decision-making.

MDM4105 Digital Marketing Project 3c/h

In this course the concepts and techniques of digital marketing are applied to the creation of a project that implies an innovative solution to a real problematic situation.

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MEN2081 Entrepreneurial skills 3c/h

This class is all about entrepreneurship: nature and importance; forms of entrepreneurship; the entrepreneurial mind and process; creativity, ideas, innovation; entrepreneurial prospects; recognizing means to support innovative activities; resources and finance, intellectual property questions, teamwork, taking risks, business and ethics, marketing innovation and strategy, dealing and getting customers and intellectual property questions and finally, the entrepreneurial viability planning.

MEN2082 Bio Entrepreneurship 3c/h

This course examines the entrepreneurial processes in biotechnology from idea generation through economic viability. Biotechnology companies are unique in that they need a few years to decades-long periods of incubation prior to becoming self-sustaining. Students will be introduced to the steps needed to start and create a company and gain an ability to assess the health of potential collaborators, partners or employers. Topics include an overview of the global biotechnology industry, idea generation, business plan formulation, intellectual property protection, and finding.

MEN2083 Entrepreneurship Creativity and problem solving 3c/h

The course teaches creative solving techniques, entrepreneurial mindsets, and lean startup methodology in an immersive, participative environment. Students will learn creativity and innovation techniques, and intellectual property basics. In addition, students will develop skills in rapid idea generation, opportunity recognition, and customer interviewing.

MEN2084 Social Entrepreneurship 3c/h

Social Entrepreneurship is an emerging and rapidly changing business field that examines the practice of identifying, starting and growing successful mission-driven for-profit and nonprofit ventures. That is, organizations that strive to advance social change through innovative solutions. This course is designed to provide a socially relevant academic experience in order to help students gain in-depth insights into economic and social value creation across a number of sectors/areas, including poverty alleviation, energy, health and sustainability.

MEN2085 Opportunity Assessment 3c/h

This course teaches how to assess possible business opportunities including possible project management opportunities that are mainly, but not exclusively, based on an innovative technological concept. Rapid screening techniques are introduced, which will address the underlying business concept, the base technology, and benefits to customers, potential markets, financial feasibility, risk and benefits to the organization and the next steps to be taken. Opportunity screening protocols will be treated in depth and a comprehensive venture - screening guide will be developed during the course. The course covers all the key elements of a feasibility study for a new enterprise.

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MEN4081 New Venture Planning 3c/h

To have a thorough understanding and develop the ability to successfully apply Entrepreneurial concepts. These concepts can be applied in both entrepreneurial and corporate environments. Topics of study will include: An opportunity for self-analysis, and how this relates to success in an entrepreneurial environment, information and understanding necessary to launch and grow an entrepreneurial venture.

MEN4082 Entrepreneurial Finance 3c/h

This class provides a crash course in all the topics surrounding financing and creating financially profitable businesses. Aside from covering various methods of raising funds, students also learn about financial forecasting, creating long-term capital, and attracting investors.

MEN4083 Entrepreneurial Consulting 3c/h

In addition to starting their own small businesses, many entrepreneurs find it professionally rewarding to consult with other aspiring business owners and troubleshoot issues in their companies. This course provides the skills and knowledge needed to be an effective consultant in this sphere.

MEN4084 The Entrepreneurial Mindset 3c/h

In this course, students pursuing a small business degree analyze common characteristics of entrepreneurs, with emphasis on developing skills that help them see unmet needs and opportunities within the business world. Students consider topics such as innovation, strategy, and the value of ideas.

MEN4085 Corporate Innovation Strategies and Entrepreneurial Methods 3c/h

Explores the methods used to foster innovation and entrepreneurship in a corporate setting, with a special emphasis on how organizations foster creativity, innovation, and new venture creation.

MSM2091 Introduction to Sport Management 3c/h

The purpose of this class is to provide an overview of the sports industry that introduces the student to the fundamental knowledge and skill sets required of the sport manager to solve sports business problems. Focus will also be placed on understanding career options in the sports industry and preparing for employment. Identifies necessary competencies for Sport managers

MSM2092 Entrepreneurship Tourism, Recreation and Sport Management 3c/h

In-depth study of the delivery of leisure services in the for-profit sector. It covers the scope and administrative functions of recreation enterprises, including an analysis of planning, controlling, and developing recreation enterprises.

MSM2093 Sport Facilities and Event Management 3c/h

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Provides the requisite knowledge to become an event and facility manager. Preparation for becoming an effective manager of the unique environment specific to the athletic arena. Students will also be required to do field experience in event management

MSM2094 Sport Finance and Economics 3c/h

An analysis of financial and economic concepts applied to sports environments. Entrepreneurs will be viewed as economic systems which must respond to changes in supply, demand, and market trends. Fundraising for various constituencies will also be explored.

MSM2095 Moral and Ethical Reasoning in Sport 3c/h

This course will provide philosophical theory that has proven effective in ethical and moral development of athletes. Strategies will be presented to aid the students in the development of a consistent value system based on justice, responsibility, and beneficence.

MSM4091 Strategic Sport Management 3c/h

This course introduces the fundamentals of strategic planning, environmental analysis, strategic direction and leadership, strategy formulation and selection, implementation, strategic control, and change management. Designed to encourage students to develop a strategic mindset, as well as critical thinking and problem-solving skills, the class unpacks key concepts such as leadership, governance, organizational change, and the multiple layers of strategy in sport.

MSM4092 Legal Aspects of Sport 3c/h

This course offers a comprehensive and authoritative examination of the legal issues surrounding and governing sport. Alert to the role that sport plays within society throughout, this course is divided into four core Governance: Governance & Sport, Commercial Regulation, Sports Workplace and Safety in Sport.

MSM4093 Research Methods in Sport Management 3c/h

Research Methods in Sport Management, explains research design, implementation, and assessment criteria with a focus on procedures unique to the discipline of sport management.

MSM4094 Sport in the Global Market 3c/h

This course offers state-of-the-art overviews of the development of every major sport or classification of sport, examining their history, socioeconomic significance, political economy and international reach, and suggesting directions for future research

MSM4095 Biomechanics 3c/h

This course introduces students to the concepts of mechanics as they apply to human movement, particularly those pertaining to exercise, sport, and physical activities.

MAK5001 Advertising models and metrics 3c/h

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Solutions that allow marketers to leverage an unmodified measurement analytic framework. Are you confident your marketing optimization is on a path of revenue and profit? Industry Leader. Collaborative Partner. Predictive Analytics. Services: Marketing Mix Modeling, Measurement Optimization, Media & Market Testing, Pricing Analytics. The specific marketing metrics you track are highly dependent upon your company's product, business model, industry and a host of other factors. Whether you're an established brand with a few go-to metrics already identified or a startup with a clean slate, you're sure to find something useful on this list of 51 crucial marketing metrics.

MAK5000 Business Model 3c/h

This course introduces a structured way to think about, analyze, and develop a sound business model. The business model encompasses your product or service, your customers, and the economic engine that will enable you to meet your profitability and growth objectives. Business model analysis is important for startups, new and established businesses which need to discover, defend or evolve their business models. What makes the difference between success in the lab and success in the marketplace is the business model.

MAK5002 Multicultural Marketing 3c/h

This course reaches cultural sensitivity and prepares students to promote products and preservice to a diverse marketplace within global contexts. The course focuses on racial/ ethnic groups, and it also covers mature people. Reviews cultural differences and similarities and provides the context for research projects to understand consumer communication and behavior of these emerging groups.

MAK5003 Information Systems management 3c/h

Prepares students for the role that information technology plays in today's businesses. Topics include advanced software applications, networking and the Internet and business communications.

MAK5004 Data Analytics 3c/h

The big data "big bang" continues to reverberate through every aspect of life, driving new technology while requiring business and tech leaders to become experts capable of adjusting to the rapidly evolving opportunities related to data and its analysis. Now is the time to capitalize on this growing opportunity and advance in your career

MAK6000 Social Media Marketing 3c/h

Web analysis: This course explores the implementing revolution in digital analytics, one that has the potential to change both the Web analytics and business intelligence fields. Students will study Web Analytics and learn how disparate components connect to form complex networks. Master the concepts of popular communication protocols, the configuration of routers/switches, and TCP/IP implementation.

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MAK6001 Analysis of AdWords, Content marketing 3c/h

You know it's smart to connect with over 500 million business professionals on LinkedIn, but you may not know how to do it without wasting tons of time and money. This course delivers a step-by-step guide to using LinkedIn to grow your business, find profitable clients and customers, and hire the perfect employees. Learn the most effective ways to keep you and your business in front of decision makers and build strong referral networks. Make online connections that are as strong as those made in person.

MAK6002 Competitive advantages, Smart goals. 3c/h

This course focus goal is basically what the acronyms from the name suggest. It is specific, measurable, attainable, and relevant and time-bound. The Smart Goal process provides a frame where you can create a long-term goal. It also provides a time limit for you to work on the same goal. By doing these business accountabilities, we are 70% more successful in achieving their goals thanks to regular check-ins, updates and group accountability. Below are a few smart goal examples for business development that will help you understand the system better and enhance your business.

MAK6003 Definition of objectives. Goals and conversion. Google Data 3c/h

This course permits the goal types described above. Analytics provides an alternative conversation tracking method called Smart Goals. Smart Goals are specifically designed to help Google Ads advertisers who may not have enough conversations to use the Google Ads optimization tools, such as automated bidding. When you have Smart Goals enabled, Analytics automatically evaluates your website or app visits and assigns each a score, with the "best" visits being translated into Smart Goals.

MAK6004 Capstone Project 6 c/h

Line of work and implementation for degree project.

Students will be notified of any changes made by the institution on the top page of the catalog where the page and change controls are indicated and will be sent by email.

IAR5000 Computational intelligence 3c/h

In this course, the student is introduced to different adaptive mechanisms that allow the intelligent behavior of complex and changing systems. Topics such as Evolutionary Computing, Swarm Intelligence, Artificial Immune Systems or Fuzzy Systems are covered. It is also related to techniques such as Fractals, Chaos Theory, Wavelets, Cellular Automaton, etc.

IAR5001 Machine learning and deep learning 3c/ h

In this course the student has the opportunity to learn about topics related to algorithms and data patterns that allow making predictions and modeling high-level abstractions using computational

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architectures that support multiple and iterative nonlinear transformations of data expressed in matrix or tensor form mimicking the behavior of human neurons.

IAR5002 Machine vision and pattern recognition 3c/h

This course explores methods to recognize, acquire, process, analyze and understand images of the real world in order to produce numerical or symbolic information that can be treated by a machine from segmentation processes, extraction of characteristics and description that can be applied in the creation of intelligent systems.

IAR5003 Intelligence Systems 3c/h

This course provides the tools for creating expert software used in artificial intelligence that emulates the behavior of a human expert in solving a specific problem, providing improvements in the quality and speed of responses, thus leading to an improvement in the productivity of the human expert.

IAR5004 Data science 3c/h

Training in the use of different technologies and methods, such as machine learning to process and analyze all the data collected by a company, in order to identify patterns and trends that are useful for making strategic decisions covering three functions: notions of analytical method and technological knowledge.

IAR5005 Artificial cognitive systems 3c/h

Study and creation of complete systems with the ability to make reasoned deductions, generate hypotheses and test them, understand virtually

all types of structured and unstructured data, such as natural language, images and sounds, allows automated access to innumerable sources of data that until now have been considered hidden, allowing the development of new services.

IAR6001 Natural language processing 3c/h

This course studies the interactions between computers and human language through the use of natural languages, such as Spanish, English or Chinese.

IAR6002 Planning and approximate reasoning. Work with industries that manufacture machinery or automatic parts 3c/h

Introduction to the planning techniques as problem solving tools. The main approaches to automatic planning will be presented. The student must be able to use different types of planners and solve a case study. The second part is developed to introduce the main concepts of approximate reasoning, focusing on Fuzzy Logic. The use of fuzzy logic in rule-based systems will be presented. The student must be able to apply this methodology to a particular problem.

IAR6003 Complex networks and mind brain and machines 3c/h

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This course gives the student the ability to understand advanced techniques of Computational Intelligence and structure-property relationships of complex Chemical-Biological systems. It also provides the skills to design, implement and apply these techniques in the development of applications, services or intelligent systems. It involves topics such as computer models of Biomedical Sciences, QSPR models among others.

**IAR6004 Principles, devices, communications and Infrastructure for AI / IOT and robotics
3c/h**

This course gives the student the principles of robotics related to domestic and industrial applications and work carried out by robots or applications that involve, among other elements, sensors and software with artificial intelligence. It includes everything from common household objects to health care resources such as medical devices.

IAR6005 Decision making under uncertainty 3c/h

This course presents the knowledge bases to solve particular problems, as well as the support tools for data processing and calculation that deal with decision-making under conditions of certainty.

IAR6006 Capstone Project 6 c/h

Line of work and implementation for degree project

SEC5000 Security Fundamentals and Risk Management 3 c/h

This course allows students to acquire theoretical and practical knowledge of computer security and risk analysis, it involves topics such as offensive and defensive security, perimeter security, and risk analysis and control techniques.

SEC5001 Cyber analyst and cryptography 3c/h

In this course, the student is trained in planning, implementation, improvement, monitoring, as well as the implementation of cryptographic techniques and appropriate security controls to safeguard the digital files and vital electronic infrastructure of a company with an emphasis on maintaining Integrity. Avail integrity, Control and Authenticity of the information handled.

SEC5002 Integrative cybersecurity Management 3c/h

The Integrative Cybersecurity Management course is driven by seminars and advice led by the Capstone Faculty Directors and Industry Capstone Mentors, resulting in a team-based project presented at the culmination of the program. The course requires students to build on their own professional experience and exposure to the academic content of the program to create a meaningful project that demonstrates their ability to take an integrated view of cybersecurity risk and strategy.

SEC5003 Legal aspects of Security: Legal aspects of Security 3c/h

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This course covers the different laws that involve issues related to information security, and covers topics such as data protection, guarantee of digital rights, the law of protection of intellectual property, international regulations among others.

SEC5004 Network and Operating Systems 3c/ h

This course introduces the learner to techniques for defense and attack on operating systems, technological infrastructures and perimeter security, it deals with topics such as traffic analysis tools and port scanning, and Wireshark, use and categories of scripts, VPN topologies, Firewalls, SSL certificates, rules and logs, Spoofing, DNS Poisoning, ARP tables and Virtual private networks

SEC5005 Database and application security 3c/h

This course provides a detailed, current and practical view of security threats and vulnerabilities that affect infrastructures, environments and applications, as well as knowledge, good practices, defense mechanisms and detection, validation and mitigation techniques, and of the technical risks existing in the applications and databases in the companies.

SEC6001 Intrusion detection and prevention systems and Forensic analysis 3c/h

This course presents an introduction to different techniques and tools for intrusion detection and forensic analysis, ranging from the installation, configuration and use of monitoring and analysis tools in Linux and Windows to study of situations real and reporting tools

SEC6002 Vulnerability Management 3c/h

In this course specialized tools are studied in vulnerability analysis, and techniques to perform device analysis in order to identify the risks in the applications and services that support these and the application of controls.

SEC6003 Security audit 3c/h

In this course the student learns to interpret, document, implement and audit the requirements of the Information Security Management System in a company.

SEC6004 Security administrator and business continuity planning 3c/h

In this course, students will learn about the different information protection technologies that help protect a business environment that guarantee the continuity of business operations. It involves topics such as Information Rights Management, message encryption, security policies and rules, data loss prevention, and information protection.

SEC6005 Ethical hacking 3c/h

The course allows learners to create computer programs and the execution of techniques that allow to exploit existing vulnerabilities in a company's system using the same methods and techniques like a malicious hacker as well as the installation of controls to protect stored

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information in an organizational structure, in order to protect it from computer viruses and digital attacks that another type of hacker tries to execute.

SEC6006 Capstone Project 6c/h

Line of work and implementation for degree Project.

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CONTACT US

Address

1655 E. Highway 50. Suite 323
Clermont FL 34711

Phone:

+1 689-2807848
+1 407-409-9575

Office Hours

Monday – Friday: 8:30 a.m. - 5:00 p.m.

Email:

info@aslu.education
academic@aslu.education
support@aslu.education
admissions@aslu.education
president@aslu.education

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