

ADDENDUM

2024-2025 Academic Catalog and Student Handbook, Volume II

The following addendum reflects additions, changes, and deletions to the 2024-2025 AGMU's which will become effective for the Summer Semester.

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Page 20 Academic Calendar Summer 2025

Modification to the deadline for students to request change of program, campus, or modality for next semester (Fall 2025/Spring 2026).

THIRD SEMESTER 2024-2025 SUMMER 2025 MAY 19 - AUGUST 2	
MAY 2	Deadline for students to request a change of program, campus, or modality for the current semester of Summer 2025.
AUGUST 1	Deadline for students to request a change of program, campus, or modality for the next semester of Fall 2025.
JULY 14-18	Satisfactory Academic Progress Process
WEEK OF MAY 5	NEW STUDENT ORIENTATION
WEEK OF JUNE 9	NEW STUDENT ORIENTATION

PT 81 8 WEEKS MAY 19 - JULY 19	
MAY 19	Classes Begin
MAY 24	Add/Drop Deadline (without charge)
MAY 26-31	Census attendance deadline
JUNE 3	Deadline to request Class Reinstatement
JUNE 28	Withdrawal Deadline
JULY 19	Classes End
JULY 20-21	Grades Due
JUNE 30-JULY 5	University Recess

PT 10 10 WEEKS MAY 19 - AUGUST 2	
MAY 19	Classes Begin
MAY 24	Add/Drop Deadline (without charge)
MAY 26-31	Census attendance deadline
JUNE 3	Deadline to request Class Reinstatement
JULY 19	Withdrawal Deadline
AUGUST 2	Classes End
AUGUST 3-4	Grades Due
JUNE 30-JULY 5	University Recess

PT 51 5 WEEKS MAY 19 - JUNE 21		PT 52 5 WEEKS JUNE 23 - AUGUST 2	
MAY 19	Classes Begin	JUNE 23	Classes Begin
MAY 24	Add/Drop Deadline (without charge)	JUNE 28	Add/Drop Deadline (without charge)
MAY 26-31	Census attendance deadline	JULY 7-12	Census attendance deadline
JUNE 3	Deadline to request Class Reinstatement	JULY 15	Deadline to request Class Reinstatement
JUNE 7	Withdrawal Deadline	JULY 19	Withdrawal Deadline
JUNE 21	Classes End	AUGUST 2	Classes End
JUNE 22-23	Grades Due	AUGUST 3-4	Grades Due
		JUNE 30-JULY 5*	University Recess

The calendar is subject to change. Administrative process deadlines on Holidays will be processed on the next business day.

*No changes can be made (Financial Aid processes).

Requirement modification to accepting credits from foreign institutions.

1. Accepting credits from foreign institutions

a) As part of the process of validating courses, AGMU will accept courses realized in foreign institutions if they are equivalent to the program of study the student is admitted in.

Requirements:

a) Courses are required to be certified by some sort of homologation agency such as World Education Services (WES), Educational Credential Evaluators (ECE), etc., as well as be approved by the U.S. Department of Education. If the student does not have a certification of equivalency from an agency approved by the Department of Education, AGMU's registrar or its designee will complete a credential evaluation and review in order to satisfy this requirement.

Modification to Student Attendance and Participation section.

Distance Education

Distance Education is defined as means planned learning that normally occurs in a different place from teaching and as a result requires special techniques in course design, special instructional techniques, special methods of communication by electronic and other technology, and special organizational and administrative arrangements. (Florida Commission for Independent Education, 6E-1.003, F.A.C.) AGMU offers Distance Education or Online Education through a Learning Management System. The University provides an interactive, and dynamic learning environment, available 24 hours, that is aimed at a student population that is diverse and dispersed.

Distance Education at AGMU is a study and learning modality process assisted by technology, with the purpose of promoting learning without limitations of location, occupation, and schedules. The educational modality is mediated by information and telecommunication technologies, through traditional and innovative, synchronous, and asynchronous teaching-learning methodologies that contribute to the construction and exchange of knowledge. AGMU has a broad academic offering available through online education. Assurance on educational quality to the student and the provision of administrative services that go beyond geographic barriers and facilitate communication for students is of utmost importance.

Student Orientation

Prior to the beginning of the course, students who enroll in online programs or courses must attend a mandatory student orientation.

The orientation provides training on the use of the Learning Management System (LMS). The training includes basic use of the LMS to access and complete modules, lessons and activities. It also includes the use of communication tools within the LMS such as discussion forums, email and chat. The training is a series of tutorials available 24/7 on the student portal. The tutorials incorporate short video clips and other tools that can be accessed at any time for quick reference.

The training sessions cover the following topics:

1. Course login access/navigation: access to the LMS, content modules, and supplementary files.
2. Course tools: how to participate in a discussion forum, how to submit assignments, send and receive email, chat, whiteboard and how to see grades.
3. Academic resources: access to the online library, online tutoring (NetTutor), and Academic Integrity Norms.

Technology Requirements

In order to maximize the learning experience of the technology supported courses, students are required to own or have access to a computer and internet connection. The university does not provide students with personal computers. However, each campus library has a limited number of computers available for student use on a first-come basis.

Supported Browsers

Operating System requirements: Windows 7 (minimum) / OSX 10.6 (minimum)

Browser requirements:

Chrome 102 and 103

Firefox 100 and 101

Edge 101 and 102 / Safari 14 and 15 (Macintosh only) will work but are not recommended.

Device requirements: Laptop or Desktop computer. Please do not rely only on a Tablet (iPad) or Mobile Device (iPhone, Android) as your only access to Canvas.

Student Services, Attendance, Participation, and Monitoring in Online Courses

Student Services

Student services are available to Distance Education students in two ways: electronically or via phone. Distance education students receive the same services as face-to-face students.

Student Attendance and Participation

Academic Attendance

- Students are expected to actively participate in each online course through various scheduled academic activities and through regular and substantive student-to-instructor and student-to-student interaction. Logging into an online course without completing one or more academically related activities does not constitute academic attendance.
- For students enrolled in any academic program, acceptable evidence of academic attendance and attendance at an academically related activity in a distance education course/program include, but are not limited to:
 - Submission of an academic assignment or exam within the first 14 days of the start of classes.
 - Recorded or registered participation in an interactive activity such as group study, discussion forum about academic matters, interactive tutorial, or computer-assisted instruction.
 - Email communication from the student initiating contact with a faculty member to ask a question about the academic subject studied in the course.
- There are several synchronous activities in which academic attendance is of utmost importance. The following examples highlight the significance of student participation:
 - Attendance is mandatory for presentations in the virtual room, where students are expected to present an assignment/task individually or as part of a group presentation.

- Participation in chats or virtual class meetings is not compulsory unless explicitly stated by the course facilitator. Nonetheless, for non-mandatory sessions, students are strongly encouraged to make every effort to attend the scheduled activity for the course(s).

Assignment Submissions

- Students must submit assignments or projects exclusively through the LMS administered by AGMU and by the specified due date and time published within each course's guidelines. Assignments submitted via personal email, educational platform messaging systems, assignment comments sections within the educational platform, institutional email, or any other means will not be accepted. In cases where a particular situation exists and alternative arrangements have been made, students must adhere to the submission date established accordingly.
- Submitting assignments or projects after the specified due date and time for the course without justification will result in penalty of the total value of the assignment at the faculty discretion or as stipulated in the course grading rubric
- If the assignment is submitted more than two weeks late, the instructor for the course may reject or accept the work. If the work is accepted, the grade for the assignment will be subject to the appropriate penalty percentage.
- If students encounter circumstances that prevent their on-time completion of an academic assignment/project, they must promptly inform their instructor to determine the necessary course of action. If the circumstance is beyond the student's control, such as hospitalization, the death of an immediate family member, childbirth, accidents, or other events of the same nature, the student should communicate these circumstances with the faculty member to arrange for an extension or alternate assignment submission date. It is advisable to provide relevant documentation, such as a medical certificate or official notification.
- Assignment submissions are not allowed after the last day of class, except for students granted an "I" (Incomplete) for the course(s).

Participation

- Participation in academic discussion forums is required and will be graded. Discussion forums do not allow for makeup sessions after the end of the week for which they were due. Therefore, students are expected to actively engage in online discussion sessions throughout the course. To actively participate in a discussion forum, students must:
 - Submit their initial discussion post (new thread) in the forum by Wednesday of the current week.
 - Actively participate through substantive interaction to ensure comprehension of the academic topic through a collaborative, collective, and interactive conversation. Substantive interaction involves sustained, interactive communication of at least three (3) discussion posts from fellow classmates (will depend on course enrollment). This should be done before the assignment's completion date.
- Participation in group work on special projects (Groups, Blogs, Wikis, etc.) is mandatory. These meetings should preferably take place on the educational platform. Alternatively, if students choose to use a different online platform for their meetings, they must ensure that evidence of the meetings or educational exchange of information is available should it become necessary to present them as evidence of the assignment.

Student Authentication Policy

AGMU has established the following mechanisms to verify and demonstrate the identity of the student enrolled in the institution's courses, programs, or online certifications:

- 1) Platforms Access and Secure Password - Each student has a unique user ID (username) created by the institution's Student Information Systems/Enterprise Resource Planner (SIS/ERP). The student sets the password, guided by the security parameters of the AGMU. In addition, the IT Security Unit has created digital mechanisms and procedures for users to protect their accounts with authentication with two-step verification.
- 2) Supervised exams - AGMU has digital tools that monitor the exams offered remotely through two (2) services:
 - a. Monitor the environment in which the student is taking an exam and verify identity by requesting photo identification; using a regular webcam, you can identify movements, interruptions, or any suspicious situation during the active time of the exam.
 - b. Screen locks and some computer functions, once the exam is activated, to prevent the user from surfing the Internet or accessing other areas of the computer. Another option is taking the exam in an institutional laboratory, identified by the faculty member offering the course. In this environment, the student identifies itself with the lab technician (Proctor), who will assign one of the computers available to the student and will provide any technical support that the student may need.
- 3) Teaching-learning practices - The faculty is the main agent in the use of these mechanisms. Through the synchronous and asynchronous interactions of the course and the possible recording of the same, the faculty establishes academic relationships with its students to facilitate knowledge and motivate participation in the teaching and learning process. This allows them to identify a profile of each student, not only of their physique but also of how they think, analyze, apply knowledge, and behave.

Responsibilities

All students shall maintain the security of usernames, passwords, and any other access credentials that they are assigned. Access credentials must not be shared or given to anyone other than the user to whom they were assigned, for any reason. Users shall be responsible for any and all uses of their account. Users shall be responsible for changing passwords periodically to maintain security. Students must provide complete and true information about themselves in any identity verification process, in accordance with AGMU policies.

Census Taking for Online and Hybrid Courses

A census is made to determine whether the student attended at least once during the period of enrollment.

- The faculty on record will certify attendance through the Faculty Portal to students who did not submit an academic related activity within the deadline.
- Once the faculty has submitted the census report, the student will receive a notification of nonattendance by email.
- If the student wishes to be reinstated in the course, they must establish communication with the faculty. The student must complete the Course Re-Instatement Request Form available on the website (Student Service Request).

- With the approval of the faculty, the Registrar will reinstate the course.
- Refer to the financial aid section for details on the financial implications of reported as not attending.

Monitoring Attendance

In order to support students in the completion of their course, and as part of the institution's retention efforts, faculty and Retention staff monitor and report student participation throughout the course.

Evaluation of Student's Academic Achievement

AGMU calculates engagement time based on the Carnegie Model.

One semester credit is defined as:

1. One semester credit hour is equivalent to a minimum of fifteen (15) hours of planned learning experiences composed of hours of instruction and individual or group activities as indicated in the course outline under the guidance of a qualified faculty. In addition, students are expected to engage in a minimum of two hours of out of class student work or 3 hours of lab. per each course credit hour, per semester.
2. The equivalent amount of work as required in paragraph 1 of this definition of other academic activities including but not limited to laboratory work, internships, practicums, studio work, and other academic work leading to the award of a semester credit.
3. Please note that some programs require additional time for hands-on learning.

Page 99 Diploma in Small Business Entrepreneurship

The Diploma in Small Business Entrepreneurship is accepting students at the Tampa Bay Campus.

Page 167 Diploma in Patient Care Technician

Addition to the academic programs offering for the Tampa Bay Campus.

Diploma in Patient Care Technician

Credits: 36

Program Description

The Patient Care Technician program prepares the student, among other things, patient assistance, geriatric care, and nursing assistance. The content includes but is not limited to taking vital signs, collecting specimens, 12-lead EKG, basic phlebotomy techniques, safety and security procedures, and personal patient care procedures. The curriculum integration of theory and practice prepares the student with the necessary skills and knowledge to pursue an entry-level employment in Health Industry.

Program Outcomes

1. Demonstrate effective therapeutic communication and interaction with residents and their families, addressing their physical, social, and mental needs while providing biological, psychological, and social support.
2. Support residents in achieving and maintaining their maximum level of functional independence.
3. Implement physical comfort and safety measures to ensure resident well-being.
4. Deliver personal patient care and accurately perform essential patient care procedures.
5. Provide comprehensive care tailored to the needs of geriatric patients.
6. Apply infection control principles to maintain a safe and hygienic environment.
7. Assist with rehabilitative and restorative activities to enhance patient recovery and mobility.
8. Perform patient care procedures following established guidelines and best practices.
9. Demonstrate legal and ethical responsibilities specific to the role of a home health aide.
10. Exhibit strong organizational skills and teamwork abilities in a clinical setting to optimize patient care.

Program sequence will be available at the time of enrollment.

The language of instruction and program delivery modality are subject to availability.

Diploma in Patient Care Technician

36 credits

Course	Title	Credits	Prerequisites
MATH 112ON	College Algebra	3	
BIOT 106	Anatomy and Physiology	4	
HEST 100	Health, Safety, and Medical Law and Ethics	3	
HEST 101	Medical Terminology	3	
MEDA 203	Pharmacology	3	MATH 112ON
PCTC 101	Nursing Assisting Skills	4	HEST 100, HEST 101, BIOT 106, MATH 112ON
PCTC 102	Clinical Laboratory Phlebotomy Procedure with EKG	3	BIOT 106, HEST 100, MATH 112ON
PCTC 103	Personal Patient Care-Plan and Procedures	3	PCTC 101, PCTC 102
PCTC 104	Geriatric Care	4	PCTC 102; Co-requisites: PCYC 103
PCTC 105	Health Care Delivery System and Rehabilitation Services	3	All Previous Courses; Co. Req. PCTC 106
PCTC 106	Patient Care Clinical Externship	3	All Course; Co-requisites: PCTC 105
Total Credits		36	

Notes:

1. This program may be offered in English or Spanish according to demand. COMPLETING A COURSE OR PROGRAM IN A LANGUAGE OTHER THAN ENGLISH MAY REDUCE EMPLOYABILITY WHERE ENGLISH IS REQUIRED.
2. Students must abide with the minimum required hours and policies set by the state and local education agencies for practicum experiences, as applicable.
3. All courses must be passed with a grade of C or better. Failure to meet this requirement will require you to retake the course of the class, and students will be unable to progress in the course sequence.
4. Students must comply with professional board licensing state and/or national certification requirements, including an exam, a background screening, and/or a drug test to obtain a license and practice the profession.
5. Graduation GPA: 2.0

Modifications to admission requirements and notes.

Bachelor of Science in Nursing (RN to BSN)

Credits: 120

Specific Program Admission Requirements

1. Students must provide a conferred Associate of Science in Nursing degree from an Accredited College with a GPA of 2.75 on a scale of 4.0 and the official transcripts.
2. Students must provide documentation of a current, unencumbered Registered Nurse license from Florida, Puerto Rico or a Nursing Compact License state. The license must be verified.
3. Students must provide a CV/resume.
4. Students must be interviewed by the Director of Nursing or their designated person.
5. Students will receive 30 credits once their RN license is verified.

Program Description

The Bachelor of Science in Nursing (RN to BSN) aims to offer students with an Associate Degree in Nursing the opportunity to meet and obtain the requirements for a bachelor's degree. The courses are distributed between general education, professional core, and major.

End-of-Program Student Learning Outcomes

1. Demonstrate critical thinking and problem-solving skills as applied to client care.
2. Integrate an understanding of healthcare organizational systems and leadership to improve client care.
3. Demonstrate application of evidence-based practice to manage physiological integrity of the client across the lifespan.
4. Use healthcare technology to promote client health and healing.
5. Apply knowledge of healthcare and regulatory policies to improve healthcare quality and client outcomes.
6. Communicate effectively and collaboratively within inter-disciplinary teams to promote high quality and safe client care.
7. Promote health and disease prevention for clients and communities, with sensitivity to individual and cultural influences.
8. Demonstrate professional values that promote human dignity, social justice, and client autonomy.

Program sequence will be available at the time of enrollment.

The language of instruction and program delivery modality are subject to availability.

Bachelor of Science in Nursing (RN to BSN)

120 credits

Required Course			
Course	Title	Credits	
QYLE 110 or FYIS 101 or FYNE 100	Attitude Development and University Adaptation or Induction Seminar to University Life or First Year Nursing Experience	3	
General Education Courses			
Course	Title	Credits	Prerequisites
Pick 2 GE* OR SPAN 101-102 or SPAN 103-104 or SPAN 105-106	Pick two (2) Approved General Education Electives OR Introduction to Spanish Language - Basic Level Introduction to Spanish Language – Intermediate Level Introduction to Spanish Language - Advanced Level	6	SPAN 101 FOR SPAN 102 OR SPAN 103 FOR SPAN 104 OR SPAN 105 FOR SPAN 106
ENGL 150-250 OR ENGL 101-102 or ENGL 103-104 or ENGL 105-106	English Composition I and II OR Introduction to English Language- Basic Level Introduction to English Language- Intermediate Level Introduction to English Language- Advanced Level	6	ENGL 150 FOR ENGL 250 OR ENGL 101 FOR ENGL 102 OR ENGL 103 FOR ENGL 104 OR ENGL 105 FOR ENGL 106
MATH 112ON	College Algebra	3	
SOSC 101-102 OR PSYC 123 and PSYC 206	Introduction to Social Science I and II OR General Psychology (Compendium) and Human Growth and Development	6	SOSC 101 FOR SOSC 102
SCIE 111-112 OR BIOL 116 – 117	Integrated Science I and II Anatomy and Physiology I and II	6	SCIE 111 for SCIE 112 BIOL 116 for BIOL 117
COIS 101	Introduction to Computers	3	
HIST 101	Introduction to the Study of History	3	
ENGL 340 OR SPAN 215	Research and Writing OR Writing and Composition	3	ENGL 250 FOR ENGL 340 OR SPAN 101-102 OR SPAN 103-104, OR SPAN 105-106 FOR SPAN 215
COMM 140 OR ENGL 212	Effective Communication OR English Second Year Basic Level	3	ENGL 101-102 OR ENGL 103-104 OR ENGL 105-106
COMM 240 OR ENGL 350	Interpersonal Communication OR Conversational English	3	ENGL 101-102 OR ENGL 103-104 OR ENGL 105-106 AND A 200 LEVEL ENGLISH COURSE
HUMA 101-102	World Cultures I and II	6	HUMA 101 for HUMA 102
TOTAL		48	
Core / Professional Courses (Degree Requirement)			
Course	Title	Credits	Prerequisites
HESM 460 Or PUHE 201	Applied Biostatistics Introduction to Biostatistics	3	MATH 112ON
CHEM 224	Fundamentals of General Chemistry	3	
BIOL 300	Microbiology	3	
TOTAL		9	
Transfer Nursing Credits (30 Credits)			
TOTAL		30	
Major Courses (Degree Requirements)			
Course	Title	Credits	Prerequisites
HESC 365	Health Sciences Research	3	PUHE 201 or HESM 460
NRSE 210	Nursing Informatics	3	
NRSE 402	Management and Leadership Seminar in Nursing	3	HESM 110
NRSE 400	Nursing Role in Family Care and the Community	3	
NRSE 407	Knowledge Integration in Nursing	3	Must be taken in Final Term
NRSE 401	Diversity in the Nursing Profession	3	
NRSE 404	Regulation and Healthcare Policy	3	HESM 110
HESM 110	Health Services Management	3	

NRSE 109	Nutrition Essentials for Nursing Practice	3	
PUHE 101	Introduction to Public Health and Health Education	3	
TOTAL		30	
TOTAL CREDITS		120	

Approved General Education Electives*		
Course	Title	Credits
SPAN 110	Elementary Spanish	3
REIL 101	Research and Information Literacy	3
BIOL 150	General Biology I	3
BIOL 151	General Biology II	3
COMM 205	Communication Theory	3
COMM 210	Legal and Ethical Aspects of Communications	3
HIDE 100	History of the Arts	3
HIDE 110	Representing Culture: Art & Artifact 1500-1850	3
HIST 273	History of the United States of America	3

Notes:

1. Students must have a conferred Associate of Science in Nursing Degree from an accredited College.
2. Students will be granted 30 credits if they meet the following conditions:
 - a. Online students must submit an unencumbered Registered Nurse license from Florida, Puerto Rico, or a Nursing Compact License state. Licenses will be verified.
 - b. On-site must submit an unencumbered Registered Nurse license from Florida or a Nursing Compact License state. Licenses will be verified.
 - c. Students must provide a CV/resume.
 - d. Students are required to take the 10 Major Courses listed above.
3. Graduation GPA: 2.00

Modification to prerequisites and notes.

Master of Social Work

54 credits

Core/Professional Courses			
Course	Title	Credits	Prerequisites
SWGR 504	Social Policy Analysis	3	
SWGR 505	Human Diversity and Social Justice	3	
SWGR 506	Social Work with Individuals and Families	3	
SWGR 507	Social Work with Groups and Communities	3	SWGR 506
SWGR 510	Research Design	3	
SWGR 601	Theories and Models of Human Development and Behavior I	3	
SWGR 606	Theories and Models of Human Development and Behavior II	3	SWGR 601
SWGR 555	Social Work with Seminar and Field Practicum I	6	SWGR 670
SWGR 670	Comprehensive Exam (1 st part)	0	SWGR 504, SWGR 505, SWGR 506, SWGR 507, SWGR 510, SWGR 601
TOTAL		27	
Specialization Courses			
Course	Title	Credits	Prerequisites
SWGR 602	Clinical Intervention I	3	SWGR 555, SWGR 670
SWGR 607	Clinical Intervention II	3	SWGR 602
SWGR 511	Research Analysis	3	SWGR 510
SWGR 655	Social Work with Seminar and Field Practicum II	6	SWGR 602
SWGR 665	Social Work with Seminar and Field Practicum III	6	SWGR 655, SWGR 607
SWGR 671	Comprehensive Exam (2 nd part)	0	SWGR 665
TOTAL		21	
Guided Elective Courses			
Course	Title	Credits	Prerequisites
SWGR 608	Psychopathology, Human Behavior and Social Environment	3	Co-req SWGR 670
SWGR 623	Drug and Substance Abuse	3	SWGR 670
TOTAL		6	
TOTAL CREDITS		54	

Notes:

1. Students must abide by the minimum required hours and policies the state and local education agencies set for practicum experiences.
2. Students must comply with state and local education certification requirements for the degree, as applicable.
3. If taken during the summer semester, the courses SWGR 555 and SWGR 670 may be taken concurrently.
4. Graduates of Social Work must seek professional licensing from the Board of Examiners at the State and local requirements or limitations to practice the profession.
5. This academic program requires IRB certification. For more information about the process and requirements, please contact the Associate Dean of the Academic Division or refer to the Student Manual of your program, if applicable.
6. Credit will not be granted for life experience, volunteering, or work experience as a social worker.
7. Graduation GPA: 3.00

AGMU Master of Social Work Program has achieved Candidacy for Accreditation by the Council on Social Work Education's Commission on Accreditation.

Candidacy for a master's social work program by the Council on Social Work Education's Commission on Accreditation indicates that it has made progress toward meeting criteria for the assessment of program quality evaluated through a peer review process. A program that has attained Candidacy has demonstrated a commitment to meeting the compliance standards set by the Educational Policy and Accreditation Standards but has not yet demonstrated full compliance.

Students who enter programs that attain Candidacy in or before the academic year in which they begin their program of study will be retroactively recognized as having graduated from a CSWE-accredited program once the program attains Initial Accreditation. Candidacy is typically a three- year process and attaining Candidacy does not guarantee that a program will eventually attain Initial Accreditation. Candidacy applies to all program sites and program delivery methods of an accredited program. Accreditation provides reasonable assurance about the quality of the program and the competence of students graduating from the program. For more information about social work accreditation, you may contact [Accreditation](#).

Addition to the academic programs offering for the Main Campus, Online Division.

Associate in Science in Cybersecurity

Credits: 66

Program Description

The Associate in Science in Cybersecurity program gives students the necessary knowledge, skill, and abilities to address today's organizational cybersecurity challenges. Given the substantial number of risks, threats, and challenges facing organizations, graduates of this program will be prepared to identify and analyze cybersecurity-related issues and implement and maintain technical security-based solutions that address these risks and threats. Students will be able to implement technical methods to address an organization's security needs.

Program Outcomes

1. Analyze a broadly defined security problem and apply principles of cybersecurity to the design and implementation of solutions.
2. Apply security principles and practices to maintain operations in the presence of risks and threats.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to cybersecurity.

Program sequence will be available at the time of enrollment.

The language of instruction and program delivery modality are subject to availability.

Associate in Science in Cybersecurity

66 credits

QYLE 110 or FYIS 101	Attitude Development and University Adaptation or Induction Seminar to University Life	3	Must be taken in the 1st term of enrollment
TOTAL		3	
General Education Courses			
Course	Title	Credits	Prerequisites
ENGL 150	English Composition I	3	
ENGL 250	English Composition II	3	ENGL 250
HUMA 101	World Cultures I	3	
MATH 112ON	College Algebra	3	
SOSC 101	Introduction to Social Science I	3	
SCIE 111	Integrated Science I	3	
Pick 1 GE*	Pick one (1) of the Approved General Education Electives	3	
TOTAL		21	
Core/ Professional Courses			
Course	Title	Credits	Prerequisites
MATH 222	Discrete Mathematics		MATH 112ON
COIS 120	Principles of Computing		
COIS 121	Introduction to Programming		
COIS 205	Programming II		COIS 121
COIS 230	Computer Networks and Architecture		COIS 120, COIS 121
COIS 242	Operating Systems		COIS 230, COIS 205
COIS 250	Systems Analysis & Design		
TOTAL		21	
Major Courses			
Course	Title	Credits	Prerequisites
CYBS 110	Introduction to Cybersecurity		
CYBS 210	Network Security		
CYBS 220	Cybercrime and Cyber Law		CYBS 230
CYBS 230	Linux System Administration and Security		CYBS 120, COIS 121
CYBS 240	Cybersecurity Risk Management and Compliance		CYBC 230
CYBS 250	Digital Forensic and Incident Response		COIS 230, COIS 205
CYBS 260	Applied Cryptography		CYBS 230, CYBS 250, CYBS 220
TOTAL		21	
TOTAL CREDITS		66	

Approved General Education Electives*		
Course	Title	Credits
SPAN 110	Elementary Spanish	3
REIL 101	Research and Information Literacy	3
BIOL 150	General Biology I	3
BIOL 151	General Biology II	3
COMM 205	Communication Theory	3
COMM 210	Legal and Ethical Aspects of Communications	3
HIDE 100	History of Arts	3
HIDE 110	Representing Culture: Art & Artifact 1500-1850	3
HIST 273	History of the United States of America	3

Notes:

1. This program may be offered in English, Bilingual mode (English-Spanish), or Spanish according to demand. COMPLETING A COURSE OR PROGRAM IN A LANGUAGE OTHER THAN ENGLISH MAY REDUCE EMPLOYABILITY WHERE ENGLISH IS REQUIRED.
2. Graduation GPA: 2.00

Addition of the Associate in Science in Cybersecurity course descriptions.

COIS 250- System Analysis & Design

Credits-3

An in-depth exploration and analysis of systems and software design methodologies. Topics will include agile, scrum, DevOps, waterfall, SDLC, and others. The focus is on gathering and documenting system and application requirements through visual and narrative means. Students will use various software applications to model and document system requirements.

CYBS 220- Cybercrime and Cyber Law

Credits-3

Provides a broad overview of the cybersecurity discipline and introduces students to some of the principles, practices, and methods used by cybersecurity professionals in securing systems and networks. This course will cover a wide range of the cybersecurity discipline and include topics such as: security and risk management, asset security, security operations, security assessment, identity and access management, and secure software.

CYBS 240-Cybersecurity Risk Management and Compliance

Credits-3

This course introduces students to the mathematical theory underlying cryptography and cryptographic systems. Topics will include symmetric vs. asymmetric encryption and associated algorithms including DES, Twofish, AES, RSA. Students explore minimum key strength needed to secure electronic communications and transactions, and contrast various trust models in PKI including hierarchical, distributed, bridge, and web of trust.

CYBS 260- Applied Cryptography

Credits-3

This course introduces students to cryptography and cryptographic systems. Topics will include symmetric vs. asymmetric encryption and associated algorithms including DES, Twofish, AES, RSA. Students explore minimum key strength needed to secure electronic communications and transactions, and contrast various trust models in PKI including hierarchical, distributed, bridge, and web of trust.