

June 20, 2023

#### MEMORANDUM

**TO:** Jim Murdaugh, Ph.D.

President

**FROM:** Calandra Stringer, Ph.D.

Vice President and Provost

**SUBJECT**: Academic Curriculum Changes

### **Item Description**

This item presents new program and course proposals and revisions.

#### **Overview and Background**

The Academic Planning Committee members review and make recommendations for Board approval for new and revised curricula. The committee works to ensure that TCC is offering high quality programs that enables students to grow, succeed and stay globally competitive.

After a review of the statewide occupation demand list, the College is proposing 32 new A.S. programs and courses to meet the workforce needs in high demand, high wage jobs. Twenty of the new programs are in the STEM discipline and will align with the new STEM Charter High School. Also, some of the programs will lead to future Bachelor of Applied Science (BAS) degrees to provide several pathways for students and the community. The proposed new programs align with TCC's strategic priority to provide demand driven programs to meet the needs of area employers.

Additionally, the College is also proposing several program changes and course revisions. These changes are proposed based on modifying curriculum based on advisory board suggestions.

### **Funding/Financial Implications**

None

#### Past Actions by the Board

The Board approved curriculum changes each year.

## **Recommended Action**

Approve the proposed curriculum changes.

## **NEW PROGRAMS**

\* denotes a new course

### Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) 2 (600 clock hours)

Our previous program was a 1,350-clock-hour training program that took two years to complete. This program is the second half of the new option that allows students to continue to build upon the certifications and skills after completing the Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) 1 program, approved in Fall 2022. HVAC is projected to grow by 9.3% between 2022-2030, with a median hourly wage of \$22.56.

#### Program courses:

ACR0013 HVAC/R Intermediate Service Practices (250)
ACR0044 HVAC/R Advanced Service Practices (350)

The following new A.S. and A.A.S. programs that align with the new STEM Charter High School, future Bachelor of Applied Sciences (BAS) degrees, and career academies in high schools provide several benefits for students and the community.

#### Accounting Technology, A.S. (60 credits)

The field of accounting and bookkeeping is projected to grow by 1.8% between 2022-2030, with a median hourly wage of \$18.54.

ACG2001*	Principles of Accounting I (3)
ACG2011*	Principles of Accounting II (3)
ACG2021	Financial Accounting (3)
ACG2071	Managerial Accounting (3)
CGS1060	Computer and Internet Literacy (3)
GEB1011	Introduction to Business (3)
ACG2450	Computer Accounting (3)
MAN2021	Introduction to Management (3)
ECO2013	Principles of Economics: Macro (3)
TAX2000	Income Tax Accounting (3)
FIN1100	Personal Finance (3)
MNA2130	Business Communication (3)
BUL2241	Legal Concepts of Business (3)
CGS1510*	Excel Data Analysis (3)
MAR2011	Principles of Marketing (3)
MNA1161	Introduction to Customer Service (3)
ISM2200	Applied Business Analytics (3)

<u>Air Conditioning, Refrigeration, and Heating Systems Technology, A.A.S. (64 credits) **STEM**</u> The HVAC field is projected to grow by 9.3% between 2022-2030, with a median hourly wage of \$22.56.

## Program courses:

ACR1008*	Principles of A/C and Refrigeration (3)
ACR1101*	Applied Electricity I (Air Conditioning) (3)
ACR1112*	Basic Electricity for A/C and Refrigeration (3)
ACR1103*	HVAC Control Systems (3)
ACR1113*	Applied Electricity II (Air Conditioning) (3)
ACR1208*	Refrigerant Recovery and Reclaim (1)
ACR1611*	Heat (3)
ACR1612*	Heat Pump Systems (3)
ACR1740*	Components of Refrigeration (3)
ACR2067*	Heating and Cooling Lead Calculations (3)
ACR2071*	Air Conditioning and Heating Service Management (3)
ACR2421*	Duct Systems (Air Conditioning and Heating) (3)
ACR2745*	Light Commercial Refrigeration and A/C (3)
ETM1111*	Energy in Building Design (3)
ACR1730*	R-410A Certification (1)
ACR1760*	Alternative Energy Applied to HVAC (4)
ACR1946*	Refrigeration and A/C Cooperative Work Experience (4)
	ACR1101* ACR1112* ACR1113* ACR1113* ACR1208* ACR1611* ACR1612* ACR1740* ACR2067* ACR2071* ACR2071* ACR2421* ACR2745* ETM1111* ACR1730* ACR1760*

## Animation & Game Art, A.S. (60 credits) STEM

The Animation & Game Art field is projected to grow by 5.3% between 2022-2030, with a median hourly wage of \$29.93.

DIG1111*	Digital Character Design (3)
DIG1132*	Digital Art and Design (3)
DIG1302*	3D Modeling (3)
DIG1430*	Storyboarding (3)
DIG1437*	Narrative Storyboarding (3)
DIG2113*	Post Production & Editing (3)
DIG2304*	Character Animation (3)
DIG2318* or	Animation Studio 1 (4) or
CAP2048*	Game Development Project I (4)
DIG2319* or	Animation Studio 2 (4) or
CAP2920C*	Game Development Project II (4)
DIG2370*	Character Modeling & Rigging (4)
DIG2391C*	Animation Studio 3 (4)
DIG2396C*	Motion Capture (4)

## Applied Artificial Intelligence, A.S. (60 credits) STEM

The Applied Artificial Intelligence field is projected to grow by 5.3% between 2022-2030, with a median hourly wage of \$48.41.

## Program courses:

CAI1603C*	Artificial Intelligence (AI) Thinking (3)
CAI2651C*	Machine Learning Foundations (3)
CAP2652C*	Introduction to Natural Language Processing (3)
COP1047C*	Introduction to Python Programming (4)
CAP2450C*	Introduction to Computer Vision (4)
COP2800	Introduction to Java Programming (3)
PHI2680*	Artificial Intelligence and Ethics (3)
CAI2921C*	Artificial Intelligence Applications Solutions (4)
CAP1788*	Introduction to Data Analytics (4)
CAP2761C*	SQL for Data Analytics (4)
CGS1540C*	Database Concepts and Design (4)
CTS1120*	Cybersecurity Fundamentals (3)
GEB1432*	Applied Artificial Intelligence (AI) in Business (3)

## Aquaculture Management, A.S. (60 credits) STEM

The Aquaculture Management field is projected to grow by .8% between 2022-2030, with a median hourly wage of \$36.30.

CHM1045L	General Chemistry Laboratory I (1)
ESC1000	Earth and Its Environment (3)
ESC1000L	Earth and Its Environment Lab (1)
EVR1001	Introduction to Environmental Sciences (3)
FAS1012C*	Aquaculture Organisms (3)
ZOO1450*	Icthyology (3)
ZOO1450L*	Icthyology Laboratory (1)
FAS1401L*	Aquacultural Laboratory Techniques (3)
FAS2263C*	Aquacultural Reproductive Techniques (3)
FAS2941L*	Aquacultural Field Experience I (3)
FAS2240C*	Aquacultural Nutritional Techniques (3)
FAS2253*	Aquacultural Disease Processes (3)
FAS2253L*	Aquacultural Disease Processes Laboratory (1)
FAS2942L*	Aquacultural Field Experience II (3)
FAS1404C*	Aquacultural Field Techniques (3)
FAS2353C*	Aquacultural Management Practices (3)
FAS2943L*	Aquacultural Field Experience III (3)
Elective	Any college course (2)

## Business Analysis Specialist, A.S. (60 credits)

The Business Analysis Specialist is projected to grow by 14.8% between 2022-2030, with a median hourly wage of \$37.26.

## Program courses:

CAP1788	Introduction to Data Analytics (4)
CGS1060	Computer and Internet Literacy (3)
CGS2540	Database Concepts (3)
COP1047C*	Introduction to Python Programming (4)
CTS1437*	Microsoft SQL Administration (4)
CTS2433*	SQL Database Design & Programming (3)
CTS2540*	Business Intelligence: Analysis Services and Data Mining (4)
CTS2451*	Business Intelligence: Reporting Services (4)
STA2023	Introductory Statistics (3)
Electives	ACG, CAP, CGS, CIS, CNT, COP, CTS, FIN, GEB, MAD, MAN,
	QMB (13)

### Business Entrepreneurship, A.S. (60 credits)

Business Entrepreneurship is projected to grow by 8.3% between 2022-2030, with a median hourly wage of \$35.96.

### Program courses:

ACG2021	Financial Accounting (3)
ACG2071	Managerial Accounting (3)
GEB1011	Introduction to Business (3)
ECO2013	Principles of Economics: Macro (3)
GEB2941*	Business Capstone (3)
ENT1000*	Fundamentals of Entrepreneurship (3)
MNA2130	Business Communication (3)
BUL2241	Legal Concepts of Business (3)
BUL2242	The Law of Business (3)
MAR2011	Principles of Marketing (3)
ENT2010*	New Venture Management (3)
ENT2112*	Planning the Entrepreneurial Venture (3)
MNA2100*	Human Relations in Business (3)
MNA2345*	Principles of Supervision (3)
MKA2021*	Principles of Selling (3)

## Civil Engineering Technology, A.S. (60 credits) STEM

The Civil Engineering Technology field is projected to grow by 12.9% between 2022-2030, with a median hourly wage of \$23.30.

COP1000	Programming Concepts (3)
EET1035C*	Fundamentals of AC/DC Circuits (3)
ETD1320	Introduction to CAD (3)

ETI1110	Quality Assurance (3)
ETI1420C	Manufacturing Processes and Materials (3)
ETI1701	Industrial Safety (3)
ETS1511C	Motors and Controls (3)
ETM1010C	Mechanical Measurement and Instrumentation (3)
ETM2315C	Hydraulics and Pneumatics (3)
EGN1111C	Engineering Graphics (3)
ETS1535C*	Automation and Sensors (3)
ETS1542C*	Programmable Logic Controllers (PLCs) (3)
ETS2604*	Robotics Applications (3)
MTB1329*	Applied Mathematical Concepts for Engineering Technology (3)

## Computer Related Crime Investigations, A.S. (60 credits) STEM

The Computer Related Crime Investigations field is projected to grow by 11.6% between 2022-2030, with a median hourly wage of \$24.21.

## Program courses:

CCJ1020	The Criminal Justice System (3)
CET2880C*	Digital Forensics (4)
CGS1700*	Introduction to Operating Systems (4)
CJL2062*	Constitutional Law & Legal Procedures (3)
CTS1120*	Cybersecurity Fundamentals (3)
CNT2401	Introduction to Network Security (3)
CET2369C*	Embedded Hardware Programming (4)
DSC2501*	Writing & Reporting for the IC (3)
CIS2900*	Directed Information Technology Study (3)
DSC1006*	Introduction to Homeland Security (3)
DSC2590*	Intelligence Analysis & Security Management (3)
CJE1680*	Introduction to Computer Crimes (3)
CGS1060	Computer and Internet Literacy (3)
CGS2540	Database Concepts (3)

## Computer Information Technology, A.S. (60 credits) STEM

The Computer Information field is projected to grow by 11.6% between 2022-2030, with a median hourly wage of \$38.81.

SPC2608	Public Speaking (3)
CGS1060	Computer and Internet Literacy (3)
CTS1133C*	A+ Comprehensive (4)
CTS1134*	Networking Technologies (4)
COP1700C*	Introduction to Database and MYSQL (3)
CIS1513C*	Project Management (4)
COP1000	Programming Concepts (3)

CTS1111C\* Linux+ (4)
CTS2375C\* Cloud + (3)
CTS2120C\* Security + (4)
CTS2376C\* Microsoft Identity and Security (4)
CTS2366C\* Microsoft Mobility and Security (4)

CTS2366C\* Microsoft Mobility and Security (4)
Elective Any CTS, COP, CIS, CET or ISM (3)

## Construction Management Technology, A.S. (60 credits) STEM

The Construction Management field is projected to grow by 13.1% between 2022-2030, with a median hourly wage of \$45.44.

## Program courses:

Construction Field Technology (3)
Construction Materials and Methods (3)
Construction Techniques 1 (4)
Light Construction Drafting (3)
Construction Contracts, Codes, Laws and Safety (3)
Construction Techniques 2 (4)
Blueprint Reading (3)
Related Specialty Trades (3)
Construction Capstone (4)
Construction Management (3)
Construction Management 2 (3)
Construction Estimating 1 (3)
Construction Surveying (3)
Public Speaking (3)

### Crime Scene Technology, A.S. (60 credits) STEM

The Crime Scene Technology field is projected to grow by 11.6% between 2022-2030, with a median hourly wage of \$24.21.

CCJ1020	The Criminal Justice System (3)
CHS1522C*	Forensic Science 1 (3)
CJE1640*	Crime Scene Technology 1 (3)
CJE1673*	Crime Scene Photography 1 (3)
CJE2600	Criminal Investigation (3)
CJE2671*	Basic Fingerprinting (3)
CCJ1191*	Human Behavior in Criminal Justice (3)
CCJ2503*	Criminal Justice Ethics and Professionalism (3)
CCJ2358*	Criminal Justice Reporting (3)
CJE1642*	Crime Scene Technology 2 (3)
CJE1772*	Crime Scene Photography 2 (3)
CJE2644*	Crime Scene Safety (3)
CJE2672*	Fingerprint Development (3)

CJL2610*	Courtroom Presentation (3)
CJE2640	Crime Scene Investigation (3)

## Cybersecurity Operations, A.S. (60 credits) **STEM**

The Cybersecurity Operations field is projected to grow by 10.7% between 2022-2030, with a median hourly wage of \$37.30.

## Program courses:

Introduction to Computer Technology (3)
Programming Concepts (3)
Introduction to Linux (3)
Introduction to Networking (3)
Introduction to Network Security (3)
Web Page Authoring (3)
Computer Hacker Forensic Investigator (3)
Switching, Routing and Wireless Essentials (3)
Cybersecurity Operations Fundamentals (3)
Linux Administration (3)
Introduction to Networks (3)
Enterprise Operating Systems I (3)
Cybersecurity Operations Implementations (3)
Information Technology: Ethical and Legal Issues (3)
Cybersecurity Capstone (3)

## Data Science Technology, A.S. (60 credits) STEM

The Data Science Technology field is projected to grow by 39.4% between 2022-2030, with a median hourly wage of \$37.95.

MAC1140	Precalculus Algebra (3)
STA2023	Introductory Statistics (3)
CGS1309*	Computer and Information Technology Concepts (3)
CGS1100*	Computer Applications (3)
COP1000	Programming Concepts (3)
CGS1515*	Spreadsheet Techniques and Programming (3)
CTS2417*	Data Visualization Techniques (3)
CTS2433*	SQL Database Design & Programming (3)
COP1044*	Introduction to Data Science using Python (3)
STA2041*	Data Analysis & Statistical Modeling (3)
CTS2450*	Introduction to Business Intelligence (3)
CTS2455*	Data Modeling and Logical Design (3)
CAP2762*	Introduction to Data Mining (3)
CAP2940*	Data Science Internship (3)
PHI2600	Ethics (3)

# Electronics Engineering Technology, A.S. (68 credits) STEM

The Electronics Engineering Technology field is projected to grow by 11.3% between 2022-2030, with a median hourly wage of \$28.95.

## Program courses:

MAC1114	Precalculus Trigonometry (3)
CET1110C*	Digital Circuits (4)
CET2113C*	Advanced Digital Circuits (4)
CET2123C*	Microprocessors (3)
COP2270*	"C" for Engineers (4)
EET1015C*	Direct Current Circuits (4)
EET1025C*	Alternating Current Circuits (4)
EET1141C*	Electronics I (4)
EET2101C*	Electronics II (4)
ETI2670*	Engineering Economic Analysis (4)
ETS2673C*	Programmable Logic Controls (4)
EET2323C*	Analog Communications (4)
EET2351C*	Digital and Data Communications (4)
EET1082*	Introduction to Electronics (3)

## Film Production Technology, A.S. (64 credits)

The Film Production Technology field is projected to grow by 25.7% between 2022-2030, with a median hourly wage of \$23.33.

FIL1031	History of Film I
FIL1110*	Screenwriting 1: Introduction to Story Structure (3)
FIL1420C*	Film Production 1: Introduction to the Filmmaking Process (4)
FIL1431C*	Film Production 2: Cinematography and Sound (4)
FIL2131*	Screenwriting 2: Character Development & Advanced Story
	Structure (3)
FIL2480C*	Film Production 3: Directing (4)
FIL2515C*	Film Production 4: Producing the Short Film (4)
FIL2552C*	Editing 1: Introduction to Editing (3)
FIL2553C*	Editing 2: Intermediate Editing and Visual Effects (3)
FIL2560C*	Editing 3: Advanced Editing: Color Correction and Finishing (3)
FIL2611*	Film Business, Marketing, Distribution & Exhibition (3)
RTV1240C*	Sound Design (3)
VIC1000*	Visual Communications (3)
FIL2413*	Screenwriting 3 (3)
FIL1060*	Survey of Documentary Film (3)

## Financial Services, A.S. (60 credits)

The Financial Services field is projected to grow by 18.2% between 2022-2030, with a median hourly wage of \$60.46.

## Program courses:

ACG2021	Financial Accounting (3)
BRC2001*	Introduction to Financial Institutions (3)
REE2200*	Real Estate Finance (3)
BUL2241	Legal Concepts of Business (3)
ECO2013	Principles of Economics: Macro (3)
FIN1100	Personal Finance (3)
FIN1122*	Fundamentals of Financial Planning (3)
FIN2001*	Principles of Finance (3)
MAR2011	Principles of Marketing (3)
MKA2021*	Principles of Selling (3)
MNA1100*	Interpersonal Behavior in Organizations (3)
RMI1002*	Principles of Insurance (3)
MNA2130	Business Communication (3)
CGS2100	Microcomputer Applications for Business (3)
PHI2600	Ethics (3)

# Financial Services - Banking Specialization, A.S. (60 credits)

The Financial Services field is projected to grow by 18.2% between 2022-2030, with a median hourly wage of \$60.46.

Е	CO2013	Principles of Economics: Macro (3)
S	STA2023	Introductory Statistics (3)
Α	CG2021	Financial Accounting (3)
Α	CG2071	Managerial Accounting (3)
Е	3AN1004*	Banking Fundamentals, Evolution and Compliance (3)
В	3AN2210*	Analyzing Financial Statements (3)
В	3AN2511*	Marketing for Financial Services (3)
Е	NC2210	Technical Writing (3)
Λ	/IKA2022*	Relationship Selling and Sales Strategies (3)
Α	CG1403*	Excel for Business (3)
В	3AN1231*	Commercial Lending (3)
Е	3AN1240*	Essentials for Retail Lending (3)
В	3AN2211*	Applied Financial Statement Analysis (3)
F	REE2304*	Commercial Real Estate (3)
S	SPC2608	Public Speaking (3)

## Game Development Design, A.S. (60 credits) STEM

The Game Development Design field is projected to grow by 5.3% between 2022-2030, with a median hourly wage of \$29.93.

## Program courses:

CGS1060	Computer and Internet Literacy (3)
COP2220	Introduction to C++ Programming (3)
COP2221	Intermediate Programming with C++ (3)
CAP2047*	User Interface Design (4)
CAP2048*	Game Development Project I (4)
CAP2920C*	Game Development Project II (4)
DIG1430*	Storyboarding (4)
DIG1705*	3D Programming (4)
DIG1710*	Introduction to Game Development (4)
DIG1712*	Level Building & Design (4)
DIG2626*	Artificial Intelligence (4)
DIG2717C*	Game System Design (4)

## Industrial Management Technology, A.S. (60 credits)

The Industrial Management Technology field is projected to grow by 10.9% between 2022-2030, with a median hourly wage of \$37.82.

## Program courses:

BCN2732*	OSHA Safety (3)
CGS2100	Microcomputer Applications for Business (3)
ENC2210	Technical Communications (3)
FIN2000*	Principles of Finance (3)
GEB1011	Introduction to Business (3)
MAN2021	Introduction to Management (3)
MAN2125*	Supervision and Performance Improvement (3)
ACG2021	Financial Accounting (3)
BUL2241	Legal Concepts of Business (3)
MAN2043*	Quality Management (3)
ECO2013	Principles of Economics: Macro (3)
OST1355	Records Management (3)
MNA1161	Introduction to Customer Service (3)
STA2023	Introductory Statistics (3)
MAN2582*	Introduction to Project Management (3)

### IT Security, A.S. (60 credits) STEM

The Information Technology Security Analyst field is projected to grow by 33.1% between 2022-2030, with a median hourly wage of \$48.41.

### Program courses:

CET2661C\* Computer and Network Security (3)
CET2883C\* Network Security Advanced (3)

CGS1820	Web Page Authoring (3)
CGS2540	Database Management Systems (3)
CIS1254*	Professional Development for IT (3)
CIS2352	Ethical Hacking (3)
CIS2619*	Design Software (3)
COP2002*	Programming Logic (3)
CTS1120*	Fundamentals of Information Security (3)
CNT2401	Introduction to Network Security (3)
CTS2142*	IT Project Management (3)
CTS2123	Network Defense and Countermeasures (3)
CTS2318*	Information Security Risk Management (3)
CET1600	Introduction to Networks (3)
CGS1060 or	Computer and Internet Literacy or (3)
CGS1000	Introduction to Computer Technology (3)

## Marine Engineering Management and Seamanship, A.S. (66 credits) STEM

The Marine Engineering Management and Seamanship field is projected to grow by 7.8% between 2022-2030, with a median hourly wage of \$23.97.

### Program courses:

MTE1400C* Marine Electricity (3) MTE2420C* Advanced Electrical Systems (3) MTE2490C* Marine Electronics (3) MTE1040C* Marine Diesel Engines I (3) MTE2041C* Diesel Engines II (3)
MTE2490C* Marine Electronics (3) MTE1040C* Marine Diesel Engines I (3)
MTE1040C* Marine Diesel Engines I (3)
3 ( )
MTE2041C* Diesel Engines II (3)
MTE1073C* Gasoline Engine Diagnostics and Repair (3)
MTE2234C* Marine Transmission Systems (3)
MTE2541C* Marine Auxiliary Equipment (3)
MTE1543C* Marine Air Conditioning Systems (3)
MTE1062C* Marine Corrosion & Prevention (3)
MTE1312C* Advanced marine Composites, Painting & Refinish (3)
MTE1651C* Basic Marine Welding (3)
MTE2949* Marine Internship (3)
CGS1060 Computer and Internet Literacy (3)
Elective Any college credit course (6)

## Medical Assisting Advanced, A.S. (65 credits) STEM

The Medical Assisting Advanced field is projected to grow by 18.7% between 2022-2030, with a median hourly wage of \$17.65.

### Program courses:

HSC2531 Medical Terminology (3) MEA1206C\* Clinical Procedures I (4) MEA1265C\* Laboratory Procedures I (4) MEA1303\* Medical Office Management (5) MEA1010C\* Principles of Radiology I (2) MEA1207C\* Clinical Procedures II (4) MEA1266C\* Laboratory Procedures II (4) MEA1930\* Special Topics I (1) MEA2030C\* Pharmacology (3) HIM1260\* Health Insurance Billing (3) MEA2809\* Practicum Experience (5) MEA2021\* Disease Processes (4) MEA2020\* Pathophysiology (5) SPC2608 Public Speaking (3)

#### Medical Office Administration, A.S.

CGS1060

The Medical Office Administration field is projected to grow by 3.9% between 2022-2030, with a median hourly wage of \$28.90.

Computer and Internet Literacy (3)

## Program courses:

CGS 1060	Computer and internet Literacy (3)
OST1100C*	Keyboarding & Document Processing I (3)
MNA2130	Business Communication (3)
CTS1220C	Microsoft Specialist: Word (3)
HSC2531	Medical Terminology (3)
APA1111C*	Introduction to Accounting (3)
OST2853C*	Spreadsheet Management (3)
OST2501*	Office Management (3)
OST2464C*	Medical Office Computer Application (3)
OST1355	Records Management (3)
OST2455C*	Medical Billing and Coding (3)
HIM1260*	Reimbursement Methodology (3)
OST2949*	Co Op Work Experience (3)
GEB1011	Introduction to Business (3)
SPC2608	Public Speaking (3)

#### Music and Sound Production Technology, A.S. (64 credits)

The Music and Sound Production Technology field is projected to grow by 19.9% between 2022-2030, with a median hourly wage of \$22.47.

#### Program courses:

MUM1002C\* Fundamentals of Sound (3)

MUT1011C\* Introduction to Music Theory (4)

EET1214C\* Introduction to Engineering Technology (3)

MUM1620L\* Psychoacoustics & Critical Listening Skills (1)

MUM1648L\* Foley and Sound Design (1)

EET1035C\* Fundamentals of DC and AC Circuits (6) MUM1646C\* Dialogue Editing and Voice Processing (3) Microprocessors (4) CET2123C\* CET2114C\* Digital Systems (3) MUM2634L\* Digital Audio Workstation (1) MUM2661C\* Sound Recording I (3) MUM2601L\* Sound Recording Lab I (1) MUM2623C\* Midi Electronic Music I (3) MUM2666C\* Sound Recording II (3) MUM2602L\* Sound Recording Lab II (1) MUM2678L\* Mixing Techniques (1) MUM2640C\* Sound Postproduction Capstone (3) Electronics I (4) EET1141C\* MUM2790L\* Music Production Capstone (1)

### Physical Therapist Assistant, A.S. (74 credits) **STEM**

The Physical Therapist Assistant field is projected to grow by 27.1% between 2022-2030, with a median hourly wage of \$29.94.

BSC2085L	Anatomy and Physiology I Lab (1)
BSC2086	Anatomy and Physiology II (3)
BSC2086L	Anatomy and Physiology II Lab (1)
PHY1004*	Physics with Applications (3)
PHY1004L*	Physics with Applications Lab (1)
HSC2531	Medical Terminology (3)
PHT1102C*	Anatomy for the Physical Therapist Assistant (4)
PHT1201 *	Introduction to Physical Therapy (2)
PHT1201L*	Introduction to Physical Therapy Lab (1)
PHT1211*	Disabilities & Therapeutic Procedures I (2)
PHT1211L*	Disabilities & Therapeutic Procedures I Lab (2)
PHT2120*	Applied Kinesiology (2)
PHT2120L*	Applied Kinesiology Lab (1)
PHT2224*	Disabilities and Therapeutic Procedures II (3)
PHT2224L*	Disabilities and Therapeutic Procedures II Lab (2)
PHT2801C*	Clinical Practice & Conference I (2)
PHT2162*	Survey of Neurological Deficits (3)
PHT2701*	Rehabilitation Procedures (3)
PHT2701L*	Rehabilitation Procedures Lab (2)
PHT2810*	Clinical Practice & Conference II (7)
PHT2820*	Clinical Practice & Conference III (7)
PHT2931*	Physical Therapist Assistant Seminar (3)
Elective	Any college credit elective (1)

## Radiation Therapy, A.S. (77 credits) STEM

The Radiation Therapy field is projected to grow by 12% between 2022-2030, with a median hourly wage of \$37.32.

# Program courses:

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	BSC2085L	Anatomy and Physiology I Lab (1)
	BSC2086	Anatomy and Physiology II (3)
	BSC2086L	Anatomy and Physiology II Lab (1)
	CHM1032	General Chemistry for Allied Health (3)
	SPC2608	Public Speaking (3)
	RAT1614*	Introduction to Radiation Therapy Physics (2)
	RAT1210*	Radiation Therapy Anatomy (1)
	RAT1123*	Patient Care (1)
	RAT1123L*	Patient Care Lab (1)
	RAT1615*	Radiation Therapy Medical Imaging (1)
	RAT1212*	Radiation Therapy Imaging Anatomy (2)
	RAT1001*	Introduction to Radiation Therapy (3)
	RAT1002*	Introduction to Radiation Therapy Clinical Applications (3)
	RAT1002L*	Introduction to Radiation Therapy Clinical Applications Lab (1)
	RAT1804*	Clinic Education Clinical I (1)
	RAT2021*	Principles of Radiation Therapy I (3)
	RAT2617*	Advanced Radiation Physics I (3)
	RAT2023*	Oncology I (4)
	RAT2243*	Radiation Oncology Sectional Anatomy (3)
	RAT2814*	Clinic Education II (3)
	RAT2022*	Principles of Radiation Therapy II (3)
	RAT2024*	Oncology II (4)
	RAT2618*	Advanced Physics II (2)
	RAT2241*	Radiobiology (3)
	RAT2824*	Clinic Education III (3)
	RAT2061*	Radiation Therapy Seminar (2)
	RAT2619*	Dosimetry and Computer Treatment (1)
	RAT2834*	Clinic Education IV (1)

## Residential Property Management, A.S. (60 credits)

The Residential Property Management field is projected to grow by 8.7% between 2022-2030, with a median hourly wage of \$28.12.

REE1500*	Introduction to Property Management (3)
GEB1011	Introduction to Business (3)
MNA2130	Business Communication (3)
MKA2021*	Principles of Selling (3)
REE2502*	Leasing and Marketing Residential Properties (3)
REE2430*	Property Management Law (3)

ACG2021	Financial Accounting (3)
CGS2100	Microcomputer Applications for Business (3)
REE2507*	Property Management: Security and Risk (3)
REE2505*	Property Management: Maintenance for Managers (3)
REE2503*	Property Management: Budgeting & Financials (3)
REE1400*	Florida Real Estate Law (3)
REE2506*	Property Management and Leadership (3)
REE2951*	Property Management Capstone (3)
REE1000*	Real Estate Principles and Practice (3)

## Supply Chain Management, A.S. (60 credits)

The Supply Chain Management field is projected to grow by 11.6% between 2022-2030, with a median hourly wage of \$23.73.

## Program courses:

ACG2021	Financial Accounting (3)
ACG2071	Managerial Accounting (3)
BUL2241	Legal Concepts of Business (3)
CGS2100	Microcomputer Applications for Business (3)
CGS2540	Database Concepts (3)
COP2700*	Introduction to Database (3)
ECO2013	Principles of Economics: Macro (3)
GEB1011	Introduction to Business (3)
MAN2021	Principles of Management (3)
MAN2542*	Supply Chain Modeling (3)
MAR2011	Principles of Marketing (3)
PHI2600	Ethics (3)
TRA2010*	Introduction to Transportation and Logistics (3)
TRA2154*	Supply Chain Management (3)
TRA2098*	Warehouse Management (3)

# Surgical First Assisting, A.S. (74 credits) STEM

The Surgical First Assisting field is projected to grow by 11.6% between 2022-2030, with a median hourly wage of \$22.60.

BSC2085L	Anatomy and Physiology I Lab (1)
BSC2086	Anatomy and Physiology II (3)
BSC2086L	Anatomy and Physiology II Lab (1)
HSC2531	Medical Terminology (3)
HSC1000	Orientation to Perioperative Services (3)
HSC1000L	Orientation to Perioperative Services Lab (1)
HSC2520	Microbiology for Perioperative Services (3)
STS2361	The Art of Teamwork in Survey (1)
STS2365	Professional Skills for the O.R. Team (1)

STS1310	Surgical Techniques and Procedures (4)
STS1310L	Surgical Techniques and Procedures Lab and Clinical (2)
STS1340	Pharmacology and Anesthesia (2)
STS1940C	Intro to Surgery Clinical (2)
STS2323	Surgical Procedures I (4)
STS2323L	Surgical Procedures I Simulation Lab (2)
STS2324	Surgical Procedures II (4)
STS2324L	Surgical Procedures II Simulation Lab (2)
STS2944	Surgical Technologist Clinical I (3)
STS2945	Surgical Technologist Clinical II (3)
STS2953	Surgical Technologist Portfolio I (1)
STS2954	Surgical Technologist Portfolio II (2)
STS2936*	Surgical Certification Symposium (1)
STS2330C*	Principles of Surgical Assisting (2)
STS2335*	Advanced Integrated Surgical Sciences (2)
STS2336*	Advanced Surgical Procedures for the Surgical Assistant (2)
STS2370*	Surgical Assisting Clinical I (2)
STS2366C*	Professional Skills for the Surgical Assistant (2)

## Transportation and Logistics, A.S. (64 credits)

The Transportation and Logistics field is projected to grow by 11.6% between 2022-2030, with a median hourly wage of \$45.62.

ACG2021	Financial Accounting (3)
ACG2071	Managerial Accounting (3)
BUL2241	Legal Concepts of Business (3)
CGS2100	Microcomputer Applications for Business (3)
ECO2013	Principles of Economics: Macro (3)
GEB1011	Introduction to Business (3)
MAN2021	Principles of Management (3)
MAN2043*	Quality Management Control (3)
MAN2125*	Supervision and Performance Improvement (3)
MAN2216*	Inventory Management (3)
TRA2010*	Introduction to Transportation and Logistics (3)
TRA2131*	Purchasing (3)
TRA2098*	Warehouse Management (3)
TRA2154*	Supply Chain Management (3)
TRA2152*	Operations Management (3)
TRA2142*	Regulatory Compliance for Logistics Managers (3)
TRA2943*	Transportation and Logistics Internship (1)

## Unmanned Vehicle Systems Operation, A.S. (62 credits) STEM

The Unmanned Vehicle Systems field is projected to grow by 22.9% between 2022-2030, with a median hourly wage of \$37.40.

Program courses:

ASC1210*	Aviation Meteorology (3)
ASC1560	Introduction to Unmanned Aerial Systems (UAS) (3)
ASC1563	Unmanned Aerial Systems (3)
ASC2561*	Advanced Unmanned Vehicle Systems Operations (3)
ASC2564*	Unmanned Vehicles Systems Security (3)
ASC2949*	Unmanned System Practicum (2)
ATT1100*	Pilot Theory (3)
AVM2441*	Aviation Safety and Human Factors (3)
CGS2100	Microcomputer Applications for Business (3)
EET1084	Introduction to Electronics (3)
EOC1660*	Introduction to Unmanned Maritime Systems (3)
ETI1701	Industrial Safety (3)
ETS1511	Motors and Controls (3)
ETS1542C*	Introduction to Programmable Logic (3)
GIS2030 *	Fundamentals of Remote Sensing (3)
GIS2040*	Introduction to Geographic Information Systems (3)

### PROGRAM CHANGES

<u>Crossover from Correctional Probation Officer to Law Enforcement Officer Career and Technical Certificate (452 clock hours)</u>

Proposed change was recommended by the Criminal Justice Standards and Training Commission.

Delete program course:

CJK0040 Criminal Justice Firearms (80)

<u>Crossover from Correctional Probation Officer to Correctional Officer Career and Technical Certificate (158 clock hours)</u>

Proposed change was recommended by the Criminal Justice Standards and Training Commission.

Delete program course:

CJK0040 Criminal Justice Firearms (80)

Cybersecurity, A.S. (60 credit hours)

Proposed change was recommended by the Cybersecurity advisory board.

Add program course:

CAP2140 Mobile Forensics (3)

# Delete program courses:

CJL2130 Criminal Evidence and Procedure (3) CGS1060 Computer Internet and Literacy (3)

## Building Automation Systems, A.S. (60 credit hours)

Proposed changes to align with the advisory board recommendations and industry standards.

## Add program courses:

EET1074C Introduction to Electronics (3) ETM1010C Mechanical, Measurement, Instrumentation (3)

## Delete program courses:

ETM1604C BAS Energy Management Concepts (3) BCN2704 Construction Contracts (3)

## **NEW COURSES**

Course ID	Course Name	Rationale for New	Proposed Lab
		Course	Fee
COP2373	Mobile Forensics	Enhance the	\$100
COF 2373	Mobile i diensics	Cybersecurity, A.S.	
		Part of the new	\$0
		Accounting	
ACG2001	Principles of Accounting I	Technology, A.S.	
		Part of the new	\$0
		Accounting	
ACG2011	Principles of Accounting II	Technology, A.S.	
		Part of the new	\$0
		Accounting	
CGS1510	Excel Data Analysis	Technology, A.S.	
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Principles of A/C and	Heating Systems	
ACR1008	Refrigeration	Technology, A.A.S.	
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Applied Electricity I (Air	Heating Systems	
ACR1101	Conditioning)	Technology, A.A.S.	
		Part of the new Air	\$0
	Basic Electricity for A/C and	Conditioning,	
ACR1112	Refrigeration	Refrigeration, and	

		Heating Systems	
		Technology, A.A.S.	
		Part of the new Air	\$0
			ΨΟ
		Conditioning,	
		Refrigeration, and	
A O D 4 4 0 0	10/400 / 10 /	Heating Systems	
ACR1103	HVAC Control Systems	Technology, A.A.S.	
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Applied Electricity II (Air	Heating Systems	
ACR1113	Conditioning)	Technology, A.A.S.	
	-	Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Refrigerant Recovery and	Heating Systems	
ACR1208	Reclaim	Technology, A.A.S.	
7.01.11200	1.COMMIT	Part of the new Air	\$0
		Conditioning,	Ψ0
		Refrigeration, and	
		Heating Systems	
ACR1611	Heat		
ACRIOII	пеаі	Technology, A.A.S.	Φ0
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
		Heating Systems	
ACR1612	Heat Pump Systems	Technology, A.A.S.	
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
		Heating Systems	
ACR1740	Components of Refrigeration	Technology, A.A.S.	
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Heating and Cooling Lead	Heating Systems	
ACR2067	Calculations	Technology, A.A.S.	
	-	Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Air Conditioning and Heating	Heating Systems	
ACR2071	Service Management	Technology, A.A.S.	
AUNZULI	Corvide Management	Part of the new Air	\$0
			ψυ
		Conditioning,	
	Duet Systems (Air Canditioning	Refrigeration, and	
A C D O 4 O 4	Duct Systems (Air Conditioning	Heating Systems	
ACR2421	and Heating)	Technology, A.A.S.	Φ0
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Light Commercial Refrigeration	Heating Systems	
ACR2745	and A/C	Technology, A.A.S.	

	T	1 5	1 40
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
		Heating Systems	
ETM1111	Energy in Building Design	Technology, A.A.S.	
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
		Heating Systems	
ACR1730	R-410A Certification	Technology, A.A.S.	
		Part of the new Air	\$0
		Conditioning,	
		Refrigeration, and	
	Alternative Energy Applied to	Heating Systems	
ACR1760	HVAC	Technology, A.A.S.	
7.0111100		Part of the new Air	\$0
		Conditioning,	••
		Refrigeration, and	
	Refrigeration and A/C	Heating Systems	
ACR1946	Cooperative Work Experience	Technology, A.A.S.	
7.01(1040	200porative vvoit Expendince	Part of the new	\$0
		Animation and Game	ΨΟ
DIG1111	Digital Character Design	Art, A.S.	
וווטוט	Digital Character Design	Part of the new	\$0
			20
DIC4400	Digital Art and Daging	Animation and Game	
DIG1132	Digital Art and Design	Art, A.S.	0.0
		Part of the new	\$0
DIOTOGO	OD M. I. I.	Animation and Game	
DIG1302	3D Modeling	Art, A.S.	
		Part of the new	\$0
D104400		Animation and Game	
DIG1430	Storyboarding	Art, A.S.	
		Part of the new	\$0
		Animation and Game	
DIG1437	Narrative Storyboarding	Art, A.S.	
		Part of the new	\$0
		Animation and Game	
DIG2113	Post Production & Editing	Art, A.S.	
		Part of the new	\$0
		Animation and Game	
DIG2304	Character Animation	Art, A.S.	
		Part of the new	\$0
		Animation and Game	'
DIG2318	Animation Studio 1	Art, A.S.	
		Part of the new	\$0
		Animation and Game	**
CAP2048	Game Development Project 1	Art, A.S.	
57 ti 2010	Came Dovelopment Tojout 1	Part of the new	\$0
		Animation and Game	ΨΟ
DIG2319	Animation Studio 2	Art, A.S.	
DIOZOIS	Animation Studio 2	Part of the new	\$0
		Animation and Game	φυ
CARRORO	Come Development Project 2		
CAP2920C	Game Development Project 2	Art, A.S.	

		Part of the new	\$0
		Animation and Game	φυ
DIG2370	Character Modeling & Rigging	Art, A.S.	
DIGZSTO	Character wodening & Rigging	Part of the new	\$0
			Φ0
DICCOOCAC	Animatian Ctudia 2	Animation and Game	
DIG2391C	Animation Studio 3	Art, A.S.	00
		Part of the new	\$0
		Animation and Game	
DIG2396C	Motion Capture	Art, A.S.	
		Part of the new	\$0
	Artificial Intelligence (AI)	Applied Artificial	
CAI1603C	Thinking	Intelligence, A.S.	
		Part of the new	\$0
		Applied Artificial	
CAI2651C	Machine Learning Foundations	Intelligence, A.S.	
		Part of the new	\$0
	Introduction to Natural Language	Applied Artificial	
CAP2652C	Processing	Intelligence, A.S.	
	3	Part of the new	\$0
	Introduction to Python	Applied Artificial	••
COP1047C	Programming	Intelligence, A.S.	
331 13113		Part of the new	\$0
		Applied Artificial	ΨΟ
CAP2450C	Introduction to Computer Vision	Intelligence, A.S.	
OAI 24300	introduction to computer vision	Part of the new	\$0
			φυ
PHI2680	Artificial Intelligence and Ethica	Applied Artificial	
PHIZOOU	Artificial Intelligence and Ethics	Intelligence, A.S.  Part of the new	<u>фо</u>
	Artificial Intelligence Applications		\$0
CA10004C	Artificial Intelligence Applications	Applied Artificial	
CAI2921C	Solutions	Intelligence, A.S.	00
		Part of the new	\$0
0.4.0.4.700		Applied Artificial	
CAP1788	Introduction to Data Analytics	Intelligence, A.S.	
		Part of the new	\$0
0.55		Applied Artificial	
CAP2761C	SQL for Data Analytics	Intelligence, A.S.	
		Part of the new	\$0
		Applied Artificial	
CGS1540C	Database Concepts and Design	Intelligence, A.S.	
		Part of the new	\$0
		Applied Artificial	
		Intelligence, A.S., IT	
		Security, A.S., and	
		Computer Related	
		Crime Investigations,	
CTS1120	Cybersecurity Fundamentals	A.S.	
		Part of the new	\$0
	Applied Artificial Intelligence (AI)	Applied Artificial	τ =
GEB1432	in Business	Intelligence, A.S.	
	55555	Part of the new	\$0
		Aquaculture	+-
FAS1012C	Aquaculture Organisms	Management, A.S.	
17.010120	Aquadallaro Organismo	management, A.O.	

_			1 40
		Part of the new	\$0
7004470		Aquaculture	
ZOO1450	Icthyology	Management, A.S.	
		Part of the new	\$0
		Aquaculture	
ZOO1450L	Icthyology Laboratory	Management, A.S.	
		Part of the new	\$0
	Aquacultural Laboratory	Aquaculture	
FAS1401L	Techniques	Management, A.S.	
		Part of the new	\$0
	Aquacultural Reproductive	Aquaculture	
FAS2263C	Techniques	Management, A.S.	
	·	Part of the new	\$0
		Aquaculture	
FAS2941L	Aquacultural Field Experience I	Management, A.S.	
		Part of the new	\$0
	Aquacultural Nutritional	Aquaculture	'
FAS2240C	Techniques	Management, A.S.	
		Part of the new	\$0
		Aquaculture	**
FAS2253	Aquacultural Disease Processes	Management, A.S.	
17102200	/ iquadallarar Biodade i roccosco	Part of the new	\$0
	Aquacultural Disease Processes	Aquaculture	ΨΘ
FAS2253L	Laboratory	Management, A.S.	
17(OZZOOL	Laboratory	Part of the new	\$0
		Aquaculture	ΨΟ
FAS2942L	Aquacultural Field Experience II	Management, A.S.	
1 A32342L	Aquaculturar rield Experience ii	Part of the new	\$0
		Aquaculture	ΨΟ
FAS1404C	Aquacultural Field Techniques	Management, A.S.	
FA31404C	Aquacultural Fleid Techniques	Part of the new	\$0
	Agusaultural Managament		φυ
FAS2353C	Aquacultural Management Practices	Aquaculture	
FAS2333C	Practices	Management, A.S.	<u> </u>
		Part of the new	\$0
E 4 0 0 0 4 0 I	A successificated Electric and a second	Aquaculture	
FAS2943L	Aquacultural Field Experience III	Management, A.S.	00
		Part of the new	\$0
0.4.700	lateralization to Data Analytica	Business Analysis	
CAP1788	Introduction to Data Analytics	Specialist, A.S.	<b>A</b> 0
		Part of the new	\$0
005404=0	Introduction to Python	Business Analysis	
COP1047C	Programming	Specialist, A.S.	Φ0
		Part of the new	\$0
		Business Analysis	
CTS1437	Microsoft SQL Administration	Specialist, A.S.	
		Part of the new	\$0
		Business Analysis	
		Specialist, A.S. and	
	SQL Database Design &	Data Science	
CTS2433	Programming	Technology, A.S.	
		Part of the new	\$0
	Business Intelligence: Analysis	Business Analysis	
CTS2540	Services and Data Mining	Specialist, A.S.	

		Part of the new	\$0
	Business Intelligence: Reporting	Business Analysis	ΨΟ
CTS2451	Services	Specialist, A.S.	
0.02.0.		Part of the new	\$0
		Business	4.0
GEB2941	Business Capstone	Entrepreneurship, A.S.	
		Part of the new	\$0
	Fundamentals of	Business	•
ENT1000	Entrepreneurship	Entrepreneurship, A.S.	
		Part of the new	\$0
		Business	
ENT2010	New Venture Management	Entrepreneurship, A.S.	
		Part of the new	\$0
	Planning the Entrepreneurial	Business	
ENT2112	Venture	Entrepreneurship, A.S.	
		Part of the new	\$0
		Business	
MNA2100	Human Relations in Business	Entrepreneurship, A.S.	
		Part of the new	\$0
		Business	
MNA2345	Principles of Supervision	Entrepreneurship, A.S.	
		Part of the new	\$0
		Business	
		Entrepreneurship,	
		A.S., Financial	
		Services, A.S.,	
		Financial Services-	
		Banking	
		Specialization, A.S., and Residential	
		Property Management,	
MKA2021	Personal Selling	A.S.	
IVIINAZUZ I	l ersonar Sening	Part of the new Civil	\$0
		Engineering	ΨΟ
		Technology, A.S. and	
		Electronics	
		Engineering	
EET1015C	Direct Current Circuits	Technology, A.S.	
		Part of the new Civil	\$0
		Engineering	
		Technology, A.S. and	
		Music and Sound	
		Production	
EET1035C	Fundamentals of AC/DC Circuits	Technology, A.S.	
		Part of the new Civil	\$0
		Engineering	
ETS1535C	Automation and Sensors	Technology, A.S.	
		Part of the new Civil	\$0
	Programmable Logic Controllers	Engineering	
ETS1542C	(PLCs)	Technology, A.S.	
		Part of the new Civil	\$0
ETOCOC (	<b>D L D L D D D D D D D D D D</b>	Engineering	
ETS2604	Robotics Applications	Technology, A.S.	

MTB1329	Applied Mathematical Concepts	Part of the new Civil Engineering	\$0
WIT B 1329	for Engineering Technology	Technology, A.S. Part of the new Computer Related Crime Investigations,	\$0
CET2880C	Digital Forensics	A.S.	
CGS1700	Introduction to Operating Systems	Part of the new Computer Related Crime Investigations, A.S.	\$0
CJL2062	Constitutional Law & Legal Procedures	Part of the new Computer Related Crime Investigations, A.S.	\$0
CET2369C	Embedded Hardware Programming	Part of the new Computer Related Crime Investigations, A.S.	\$0
DSC2501	Writing & Reporting for the IC	Part of the new Computer Related Crime Investigations, A.S.	\$0
CIS2900	Directed Information Technology Study	Part of the new Computer Related Crime Investigations, A.S.	\$0
DSC1006	Introduction to Homeland Security	Part of the new Computer Related Crime Investigations, A.S.	\$0
DSC2590	Intelligence Analysis & Security Management	Part of the new Computer Related Crime Investigations, A.S.	\$0
CJE1680	Introduction to Computer Crimes	Part of the new Computer Related Crime Investigations, A.S.	\$0
CTS1133C	A+ Comprehensive	Part of the new Computer Information Technology, A.S.	\$0
CTS1134	Networking Technologies	Part of the new Computer Information Technology, A.S.	\$0
COP1700C	Introduction to Database and MYSQL	Part of the new Computer Information Technology, A.S.	\$0
CIS1513C	Project Management	Part of the new Computer Information Technology, A.S.	\$0

	T	Dowt of the nour	
		Part of the new	\$0
CTC4444C	Limino	Computer Information	
CTS1111C	Linux+	Technology, A.S.	<b>ф</b> О
		Part of the new	\$0
CTC007FC	Claud	Computer Information	
CTS2375C	Cloud +	Technology, A.S.	Φ0
		Part of the new	\$0
07004000	On acceptance	Computer Information	
CTS2120C	Security +	Technology, A.S.	Φ.0
		Part of the new	\$0
0.000.700	N	Computer Information	
CTS2376C	Microsoft Identity and Services	Technology, A.S.	4.0
		Part of the new	\$0
0700000		Computer Information	
CTS2366C	Microsoft Mobility and Security	Technology, A.S.	
		Part of the new	\$0
		Construction	
BCN1004	Construction Field Technology	Management, A.S.	
		Part of the new	\$0
		Construction	
BCN1221C	Construction Techniques 1	Management, A.S.	
		Part of the new	\$0
		Construction	
BCN1251C	Light Construction Drafting	Management, A.S.	
	<u> </u>	Part of the new	\$0
		Construction	
BCN2222C	Construction Techniques 2	Management, A.S.	
	•	Part of the new	\$0
		Construction	
BCN2272	Blueprint Reading	Management, A.S.	
-		Part of the new	\$0
		Construction	
BCN2560	Related Specialty Trades	Management, A.S.	
20.1200	Troising opening reduce	Part of the new	\$0
		Construction	
BCN2939C	Construction Capstone	Management, A.S.	
23.12000	Contraction Capatonia	Part of the new	\$0
		Construction	••
BCT2750	Construction Management 2	Management, A.S.	
5012700	23.10th dottorn Managorniont 2	Part of the new	\$0
		Construction	Ψ
SUR2001C	Construction Surveying	Management, A.S.	
331120010	- Constitution Curveying	Part of the new Crime	\$0
		Scene Technology,	ΨΟ
CHS1522C	Forensic Science 1	A.S.	
011010220	I OTETISIC SCIETICE I	Part of the new Crime	\$0
			φυ
C IE1640	Crimo Soono Toobaalaay 1	Scene Technology,	
CJE1640	Crime Scene Technology 1	A.S.	<b>CO</b>
		Part of the new Crime	\$0
0.154.070	Origina Capita Disata	Scene Technology,	
CJE1673	Crime Scene Photography 1	A.S.	

		Part of the new Crime	\$0
		Scene Technology,	Ψ
CJE2671	Basic Fingerprinting	A.S.	
		Part of the new Crime	\$0
	Human Behavior in Criminal	Scene Technology,	¥ *
CCJ1191	Justice	A.S.	
		Part of the new Crime	\$0
	Criminal Justice Ethics and	Scene Technology,	<b>,</b>
CCJ2503	Professionalism	A.S.	
		Part of the new Crime	\$0
		Scene Technology,	<b>*</b> -
CCJ2358	Criminal Justice Reporting	A.S.	
		Part of the new Crime	\$0
		Scene Technology,	<b>*</b> -
CJE1642	Crime Scene Technology 2	A.S.	
	3,	Part of the new Crime	\$0
		Scene Technology,	<b>*</b> -
CJE1772	Crime Scene Photography 2	A.S.	
		Part of the new Crime	\$0
		Scene Technology,	<b>*</b> -
CJE2644	Crime Scene Safety	A.S.	
		Part of the new Crime	\$0
		Scene Technology,	
CJE2672	Fingerprint Development	A.S.	
		Part of the new Crime	\$0
		Scene Technology,	
CJL2610	Courtroom Presentation	A.S.	
		Part of the new	\$0
		Cybersecurity	
CTS1305	Introduction to Networking	Operations, A.S.	
		Part of the new	\$0
	Cybersecurity Operations	Cybersecurity	
CIS2772	Fundamentals	Operations, A.S.	
		Part of the new	\$0
		Cybersecurity	
CTS2301	Linux Administration	Operations, A.S.	
		Part of the new	\$0
		Cybersecurity	
CTS1303	Enterprise Operating Systems I	Operations, A.S.	
		Part of the new	\$0
	Cybersecurity Operations	Cybersecurity	
CIS2621	Implementations	Operations, A.S.	
		Part of the new	\$0
	Information Technology: Ethical	Cybersecurity	
CGS2091	and Legal Issues	Operations, A.S.	
		Part of the new	\$0
		Cybersecurity	
CIS2598	Cybersecurity Capstone	Operations, A.S.	
		Part of the new Data	\$0
	Computer and Information	Science Technology,	
CGS1309	Technology Concepts	A.S.	

		Part of the new Data	\$0
		Science Technology,	φυ
CGS1100	Computer Applications	A.S.	
CG31100	Computer Applications	Part of the new Data	\$0
	Spreadshoot Techniques and	Science Technology,	φυ
CGS1515	Spreadsheet Techniques and	A.S.	
CGS1515	Programming	_	<b>(</b> C)
		Part of the new Data	\$0
OT00447	Data Missalisa Gan Tankaisaan	Science Technology,	
CTS2417	Data Visualization Techniques	A.S.	<b>(</b> C)
	Interded to Date Original	Part of the new Data	\$0
0004044	Introduction to Data Science	Science Technology,	
COP1044	using Python	A.S.	00
		Part of the new Data	\$0
0710011	Data Analysis & Statistical	Science Technology,	
STA2041	Modeling	A.S.	
		Part of the new Data	\$0
	Introduction to Business	Science Technology,	
CTS2450	Intelligence	A.S.	
		Part of the new Data	\$0
	Data Modeling and Logical	Science Technology,	
CTS2455	Design	A.S.	
		Part of the new Data	\$0
		Science Technology,	
CAP2762	Introduction to Data Mining	A.S.	
		Part of the new Data	\$0
		Science Technology,	·
CAP2940	Data Science Internship	A.S.	
	•	Part of the new	\$0
		Electronics	·
		Engineering	
CET1110C	Digital Circuits	Technology, A.S.	
		Part of the new	\$0
		Electronics	
		Engineering	
CET2113C	Advanced Digital Circuits	Technology, A.S.	
	J 2 12 22	Part of the new	\$0
		Electronics	7 -
		Engineering	
		Technology, A.S. and	
		Music and Sound	
		Production	
CET2123C	Microprocessors	Technology, A.S.	
52.2.20		Part of the new	\$0
		Electronics	
		Engineering	
COP2270	"C" for Engineers	Technology, A.S.	
00.2210	S for Engineero	Part of the new	\$0
		Electronics	Ψ0
		Engineering	
EET1025C	Alternating Current Circuits	Technology, A.S.	
LL110230	/ atomating Ourient Officials	Part of the new	\$0
EET1141C	Electronics I	Electronics	φυ
LL111410	LIGORIOTIICS I	LICUIUIIUS	

		Engineering	1
		Engineering	
		Technology, A.S.  Part of the new	\$0
			φυ
		Electronics	
EET0404C	Flootropies II	Engineering	
EET2101C	Electronics II	Technology, A.S.	Φ0
		Part of the new	\$0
		Electronics	
		Engineering	
ETI2670	Engineering Economic Analysis	Technology, A.S.	
		Part of the new	\$0
		Electronics	
		Engineering	
ETS2673C	Programmable Logic Controls	Technology, A.S.	
		Part of the new	\$0
		Electronics	
		Engineering	
EET2323C	Analog Communications	Technology, A.S.	
		Part of the new	\$0
		Electronics	
	Digital and Data	Engineering	
EET2351C	Communications	Technology, A.S.	
		Part of the new	\$0
		Electronics	
		Engineering	
EET1082	Introduction to Electronics	Technology, A.S.	
		Part of the new Film	\$0
	Screenwriting 1: Introduction to	Production	
FIL1110	Story Structure	Technology, A.S.	
	Film Production 1: Introduction		\$0
FIL1420C	to the Filmmaking Process		
		Part of the new Film	\$0
	Film Production 2:	Production	
FIL1431C	Cinematography and Sound	Technology, A.S.	
	Screenwriting 2: Character	Part of the new Film	\$0
	Development & Advanced Story	Production	7 -
FIL2131	Structure	Technology, A.S.	
		Part of the new Film	\$0
		Production	7 -
FIL2480C	Film Production 3: Directing	Technology, A.S.	
		Part of the new Film	\$0
	Film Production 4: Producing the	Production	
FIL2515C	Short Film	Technology, A.S.	
		Part of the new Film	\$0
		Production	<b>***</b>
FIL2552C	Editing 1: Introduction to Editing	Technology, A.S.	
11120020	Laking 1. Introduction to Earting	Part of the new Film	\$0
	Editing 2: Intermediate Editing	Production	ΨΟ
FIL2553C	and Visual Effects	Technology, A.S.	
1 1120000	and visual Elicots	Part of the new Film	\$0
	Editing 3: Advanced Editing:	Production	ΨΟ
FIL2560C	Color Correction and Finishing	Technology, A.S.	
I ILZUUU	Color Correction and Fillishing	recimology, A.S.	

	T		1 -
		Part of the new Film	\$0
	Film Business, Marketing,	Production	
FIL2611	Distribution & Exhibition	Technology, A.S.	
		Part of the new Film	\$0
		Production	
RTV1240C	Sound Design	Technology, A.S.	
		Part of the new Film	\$0
		Production	
VIC1000	Visual Communications	Technology, A.S.	
		Part of the new Film	\$0
		Production	
FIL2413	Screenwriting 3	Technology, A.S.  Part of the new Film	
		Part of the new Film	\$0
		Production	
FIL1060	Survey of Documentary Film	Technology, A.S.	
		Part of the new	\$0
	Introduction to Financial	Financial Services,	
BRC2001	Institutions	A.S.	
		Part of the new	\$0
		Financial Services,	
REE2200	Real Estate Finance	A.S.	
		Part of the new	\$0
	Fundamentals of Financial	Financial Services,	
FIN1122	Planning	A.S.	
		Part of the new	\$0
		Financial Services,	·
FIN2001	Principles of Finance	A.S.	
		Part of the new	\$0
	Interpersonal Behavior in	Financial Services,	·
MNA1100	Organizations	A.S.	
		Part of the new	\$0
		Financial Services,	
RMI1002	Principles of Insurance	A.S.	
	•	Part of the new	\$0
		Financial Services-	
	Banking Fundamentals,	Banking	
BAN1004	Evolution and Compliance	Specialization, A.S.	
		Part of the new	\$0
		Financial Services-	
		Banking	
BAN2210	Analyzing Financial Statements	Specialization, A.S.	
		Part of the new	\$0
		Financial Services-	
		Banking	
BAN2511	Marketing for Financial Services	Specialization, A.S.	
		Part of the new	\$0
		Financial Services-	,
	Relationship Selling and Sales	Banking	
MKA2022	Strategies	Specialization, A.S.	
-		Part of the new	\$0
		Financial Services-	T -
		Banking	
ACG1403	Excel for Business	Specialization, A.S.	
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	<u> </u>	Part of the new	\$0
		Financial Services-	Φ0
BAN1231	Commercial Lending	Banking Specialization, A.S.	
DANIZOT	Commercial Lending	Part of the new	\$0
		Financial Services-	ΦΟ
DANI4340	Essentials for Datail Landing	Banking	
BAN1240	Essentials for Retail Lending	Specialization, A.S. Part of the new	ФO.
			\$0
	Analis d Figure sist Otatana aut	Financial Services-	
DANIOO44	Applied Financial Statement	Banking	
BAN2211	Analysis	Specialization, A.S.	Φ0
		Part of the new	\$0
		Financial Services-	
5=====		Banking	
REE2304	Commercial Real Estate	Specialization, A.S.	40
		Part of the new Game	\$0
		Development Design,	
CAP2047	User Interface Design	A.S.	
		Part of the new Game	\$0
		Development Design,	
CAP2048	Game Development Project I	A.S.	
		Part of the new Game	\$0
		Development Design,	
CAP2920C	Game Development Project II	A.S.	
		Part of the new Game	\$0
		Development Design,	
DIG1430	Storyboarding	A.S.	
		Part of the new Game	\$0
		Development Design,	
DIG1705	3D Programming	A.S.	
	<u> </u>	Part of the new Game	\$0
	Introduction to Game	Development Design,	
DIG1710	Development	A.S.	
	•	Part of the new Game	\$0
		Development Design,	
DIG1712	Level Building & Design	A.S.	
		Part of the new Game	\$0
		Development Design,	T -
DIG2626	Artificial Intelligence	A.S.	
		Part of the new Game	\$0
		Development Design,	7.0
DIG2717C	Game System Design	A.S.	
2.32.170	- Came Cyclom Boolgii	Part of the new	\$0
		Industrial Management	Ψ
BCN2732	OSHA Safety	Technology, A.S.	
50112102	- Corn Couloty	Part of the new	\$0
		Industrial Management	ΨΟ
FIN2000	Principles of Finance	Technology, A.S.	
1 1112000	1 morpies of Finance	Part of the new	\$0
	Supervision and Performance	Industrial Management	ΨΟ
MAN2125	Improvement	Technology, A.S.	
IVIAINZ 120	Imbiosement	reciliology, A.S.	

		Part of the new	\$0
		Industrial Management	
MAN2043	Quality Management	Technology, A.S.	
		Part of the new	\$0
	Introduction to Project	Industrial Management	
MAN2582	Management	Technology, A.S.	
		Part of the new IT	\$0
CET2661C	Computer and Network Security	Security, A.S.	·
	,	Part of the new IT	\$0
CET2883C	Network Security Advanced	Security, A.S.	
		Part of the new IT	\$0
CIS1254	Professional Development for IT	Security, A.S.	* -
		Part of the new IT	\$0
CIS2619	Design Software	Security, A.S.	Ψ
0.02010	Booign Contrare	Part of the new IT	\$0
COP2002	Programming Logic	Security, A.S.	ΨΟ
001 2002	1 Togramming Logic	Part of the new IT	\$0
CTS2142	IT Project Management		ΨΟ
0132142	IT Project Management	Security, A.S.	<b>Ф</b> О
CTC2240	Information Security Risk	Part of the new IT	\$0
CTS2318	Management	Security, A.S.	ФО.
		Part of the new Marine	\$0
		Engineering	
	Introduction to Marine	Management and	
MTE1004C	Technology	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE1400C	Marine Electricity	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE2420C	Advanced Electrical Systems	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE2490C	Marine Electronics	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE1040C	Marine Diesel Engines I	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	<del>* -</del>
		Management and	
MTE2041C	Diesel Engines II	Seamanship, A.S.	
1011 = 20 = 10	Diodoi Enginos II	Part of the new Marine	\$0
		Engineering	ΨΟ
	Gasoline Engine Diagnostics	Management and	
MTE1073C	and Repair	Seamanship, A.S.	
WITE TO/30	and Nepan	Part of the new Marine	\$0
			φυ
		Engineering Management and	
MTEGGGAC	Marina Transmission Systems	Management and	
MTE2234C	Marine Transmission Systems	Seamanship, A.S.	

		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE2541C	Marine Auxiliary Equipment	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE1543C	Marine Air Conditioning Systems	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE1062C	Marine Corrosion & Prevention	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
	Advanced Marine Composites,	Management and	
MTE1312C	Painting & Refinish	Seamanship, A.S.	
		Part of the new Marine	\$0
		Engineering	
		Management and	
MTE1651C	Basic Marine Welding	Seamanship, A.S.	
	3	Part of the new Marine	\$0
		Engineering	4.0
		Management and	
MTE2949	Marine Internship	Seamanship, A.S.	
111122010	Waline interneriip	Part of the new	\$0
		Medical Assisting	Ψ
MEA1206C	Clinical Procedures I	Advanced, A.S.	
WEXTEGOS	Cirrical Frededates F	Part of the new	\$0
		Medical Assisting	Ψ
MEA1265C	Laboratory Procedures I	Advanced, A.S.	
WEXTEGOO	Laboratory 1 1000aa1001	Part of the new	\$0
		Medical Assisting	ΨΟ
MEA1303	Medical Office Management	Advanced, A.S.	
WILATOOS	Wedical Office Management	Part of the new	\$0
		Medical Assisting	ΨΟ
MEA1010C	Principles of Radiology I	Advanced, A.S.	
WILATOTOC	1 Throipies of Madiology I	Part of the new	\$0
		Medical Assisting	ΨΟ
MEA1207C	Clinical Procedures II	Advanced, A.S.	
IVILATZUTO	Cirrical Frocedules II	Part of the new	\$0
			Ψ
MEA1266C	Laboratory Procedures II	Medical Assisting	
IVIEATZOOC	Laboratory Procedures II	Advanced, A.S.  Part of the new	\$0
			φυ
MEA4030	Special Tapica I	Medical Assisting	
MEA1930	Special Topics I	Advanced, A.S.	<b>C</b> O
		Part of the new	\$0
MEAGOOG	Dis a research and	Medical Assisting	
MEA2030C	Pharmacology	Advanced, A.S.	00
		Part of the new	\$0
1 115 44 0 0 0		Medical Assisting	
HIM1260	Health Insurance Billing	Advanced, A.S.	

		Dowt of the mount	Φ0
		Part of the new	\$0
MEAAOOA	Crasial Tarias II	Medical Assisting	
MEA1931	Special Topics II	Advanced, A.S.	Φ0
		Part of the new	\$0
NAT 4 0000	Description Francisco	Medical Assisting	
MEA2809	Practicum Experience	Advanced, A.S.	Φ0
		Part of the new	\$0
14510004	D: D	Medical Assisting	
MEA2021	Disease Processes	Advanced, A.S.	Φ.0
		Part of the new	\$0
	<b>5</b>	Medical Assisting	
MEA2020	Pathophysiology	Advanced, A.S.	
		Part of the new	\$0
	Keyboarding & Document	Medical Office	
OST1100C	Processing I	Administration, A.S.	
		Part of the new	\$0
		Medical Office	
APA1111C	Introduction to Accounting	Administration, A.S.	
		Part of the new	\$0
		Medical Office	
OST2853C	Spreadsheet Management	Administration, A.S.	
		Part of the new	\$0
		Medical Office	
OST2501	Office Management	Administration, A.S.	
	•	Part of the new	\$0
	Medical Office Computer	Medical Office	,
OST2464C	Application	Administration, A.S.	
		Part of the new	\$0
		Medical Office	,
OST2455C	Medical Billing and Coding	Administration, A.S.	
	3	Part of the new	\$0
		Medical Office	
HIM1260	Reimbursement Methodology	Administration, A.S.	
		Part of the new	\$0
		Medical Office	
OST2949	Co Op Work Experience	Administration, A.S.	
		Part of the new Music	\$0
		and Sound Production	
MUM1002C	Fundamentals of Sound	Technology, A.S.	
		Part of the new Music	\$0
		and Sound Production	
MUT1011C	Introduction to Music Theory	Technology, A.S.	
	saacton to madio i modiy	Part of the new Music	\$0
	Introduction to Engineering	and Sound Production	Ψ
EET1214C	Technology	Technology, A.S.	
22112170	1 contrology	Part of the new Music	\$0
	Psychoacoustics & Critical	and Sound Production	Ψ
MUM1620L	Listening Skills	Technology, A.S.	
IVIOIVIIOZOL	Liotoring Okino	Part of the new Music	\$0
		and Sound Production	Ψ
MUM1648L	Foley and Sound Design	Technology, A.S.	
WICHVITO46L	i diey and Sound Design	reciliology, A.S.	

		Part of the new Music	\$0
	Dielegue Edition and Voice		\$0
N.41.1N.44.0.400	Dialogue Editing and Voice	and Sound Production	
MUM1646C	Processing	Technology, A.S.	_
		Part of the new Music	\$0
		and Sound Production	
CET2114C	Digital Systems	Technology, A.S.	
		Part of the new Music	\$0
		and Sound Production	
MUM2634L	Digital Audio Workstation	Technology, A.S.	
	,	Part of the new Music	\$0
		and Sound Production	••
MUM2661C	Sound Recording I	Technology, A.S.	
WOWZOOTO	Courta recording 1	Part of the new Music	\$0
		and Sound Production	ΨΟ
MUMOGOAL	Cound Departing Lab L		
MUM2601L	Sound Recording Lab I	Technology, A.S.	Φ0
		Part of the new Music	\$0
		and Sound Production	
MUM2623C	Midi Electronic Music I	Technology, A.S.	
		Part of the new Music	\$0
		and Sound Production	
MUM2666C	Sound Recording II	Technology, A.S.	
	3	Part of the new Music	\$0
		and Sound Production	••
MUM2602L	Sound Recording Lab II	Technology, A.S.	
WOWZOOZE	Count recording Lab II	Part of the new Music	\$0
		and Sound Production	φυ
MUMOCZOL	Mixing Toologiques		
MUM2678L	Mixing Techniques	Technology, A.S.	Φ0
		Part of the new Music	\$0
		and Sound Production	
MUM2640C	Sound Postproduction Capstone	Technology, A.S.	
		Part of the new Music	\$0
	Semiconductor Devices and	and Sound Production	
EET1141C	Circuits	Technology, A.S.	
		Part of the new Music	\$0
		and Sound Production	·
MUM2790L	Music Production Capstone	Technology, A.S.	
		Part of the new	\$0
		Physical Therapist	
PHY1004	Physics with Applications	Assistant, A.S.	
1 111 1004	1 Tryotoo with replications	Part of the new	\$0
			ΨΟ
DUVAGGAI	Dhysica with Applications Lab	Physical Therapist	
PHY1004L	Physics with Applications Lab	Assistant, A.S.	<b>.</b>
		Part of the new	\$0
	Anatomy for the Physical	Physical Therapist	
PHT1102C	Therapist Assistant	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	
PHT1201	Introduction to Physical Therapy	Assistant, A.S.	
		Part of the new	\$0
	Introduction to Physical Therapy	Physical Therapist	'
PHT1201L	Lab	Assistant, A.S.	
1 111 12012	2	, .5515tarit, , t.5.	1

	T T	Dowt of the nave	1 60
	Disabilities 0 Theorem with	Part of the new	\$0
DUTAGAA	Disabilities & Therapeutic	Physical Therapist	
PHT1211	Procedures I	Assistant, A.S.	#0
	Di Live o Ti	Part of the new	\$0
DUTAGAAI	Disabilities & Therapeutic	Physical Therapist	
PHT1211L	Procedures I Lab	Assistant, A.S.	100
		Part of the new	\$0
D. 170400		Physical Therapist	
PHT2120	Applied Kinesiology	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	
PHT2120L	Applied Kinesiology Lab	Assistant, A.S.	
		Part of the new	\$0
	Disabilities and Therapeutic	Physical Therapist	
PHT2224	Procedures II	Assistant, A.S.	
		Part of the new	\$0
	Disabilities and Therapeutic	Physical Therapist	
PHT2224L	Procedures II Lab	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	
PHT2801C	Clinical Practice & Conference I	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	
PHT2162	Survey of Neurological Deficits	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	·
PHT2701	Rehabilitation Procedures	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	·
PHT2701L	Rehabilitation Procedures Lab	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	·
PHT2810	Clinical Practice & Conference II	Assistant, A.S.	
		Part of the new	\$0
		Physical Therapist	·
PHT2820	Clinical Practice & Conference III	Assistant, A.S.	
		Part of the new	\$0
	Physical Therapist Assistant	Physical Therapist	'
PHT2931	Seminar	Assistant, A.S.	
		Part of the new	\$0
	Introduction to Radiation	Radiation Therapy,	'
RAT1614	Therapy Physics	A.S.	
		Part of the new	\$0
		Radiation Therapy,	T =
RAT1210	Radiation Therapy Anatomy	A.S.	
	same in the spy i materily	Part of the new	\$0
		Radiation Therapy,	¥~
RAT1123	Patient Care	A.S.	
	- alloin Gaio	Part of the new	\$0
		Radiation Therapy,	Ψ
RAT1123L	Patient Care Lab	A.S.	
IVALLIZUL	i attorit Gare Lab	, \. \.	

		Part of the new	\$0
	Dadiation Thorany Madiaal		Φ0
DAT1615	Radiation Therapy Medical	Radiation Therapy,	
RAT1615	Imaging	A.S.	<b>#</b> 0
	De die Georgia Theorem Conserving	Part of the new	\$0
DAT4040	Radiation Therapy Imaging	Radiation Therapy,	
RAT1212	Anatomy	A.S.	40
		Part of the new	\$0
	Introduction to Radiation	Radiation Therapy,	
RAT1001	Therapy	A.S.	
		Part of the new	\$0
	Introduction to Radiation	Radiation Therapy,	
RAT1002	Therapy Clinical Applications	A.S.	
	Introduction to Radiation	Part of the new	\$0
	Therapy Clinical Applications	Radiation Therapy,	
RAT1002L	Lab	A.S.	
		Part of the new	\$0
		Radiation Therapy,	
RAT1804	Clinic Education Clinical I	A.S.	
		Part of the new	\$0
		Radiation Therapy,	
RAT2021	Principles of Radiation Therapy I	A.S.	
	,	Part of the new	\$0
		Radiation Therapy,	·
RAT2617	Advanced Radiation Physics I	A.S.	
	<b>,</b>	Part of the new	\$0
		Radiation Therapy,	<b>*</b> -
RAT2023	Oncology I	A.S.	
		Part of the new	\$0
	Radiation Oncology Sectional	Radiation Therapy,	•
RAT2243	Anatomy	A.S.	
-	,	Part of the new	\$0
		Radiation Therapy,	
RAT2814	Clinic Education II	A.S.	
		Part of the new	\$0
	Principles of Radiation Therapy	Radiation Therapy,	
RAT2022	II	A.S.	
		Part of the new	\$0
		Radiation Therapy,	<b>*</b> •
RAT2024	Oncology II	A.S.	
	- · · · · · · · · · · · · · · · · · · ·	Part of the new	\$0
		Radiation Therapy,	
RAT2618	Advanced Physics II	A.S.	
1		Part of the new	\$0
		Radiation Therapy,	**
RAT2241	Radiobiology	A.S.	
	. total or long j	Part of the new	\$0
		Radiation Therapy,	Ψ
RAT2824	Clinic Education III	A.S.	
17.112027	Similo Eddodilori III	Part of the new	\$0
		Radiation Therapy,	ΨΟ
RAT2061	Radiation Therapy Seminar	A.S.	
11/1/2001	Madiation Therapy Seminal	A.U.	

	Dosimetry and Computer	Part of the new Radiation Therapy,	\$0
RAT2619	Treatment	A.S.	
10112010	ricament	Part of the new	\$0
		Radiation Therapy,	ΨΟ
RAT2834	Clinic Education IV	A.S.	
		Part of the new	\$0
	Introduction to Property	Residential Property	4.5
REE1500	Management	Management, A.S.	
		Part of the new	\$0
	Leasing and Marketing	Residential Property	
REE2502	Residential Properties	Management, A.S.	
		Part of the new	\$0
		Residential Property	
REE2430	Property Management Law	Management, A.S.	
		Part of the new	\$0
	Property Management: Security	Residential Property	
REE2507	and Risk	Management, A.S.	
		Part of the new	\$0
	Property Management:	Residential Property	
REE2505	Maintenance for Managers	Management, A.S.	4 -
		Part of the new	\$0
	Property Management:	Residential Property	
REE2503	Budgeting & Financials	Management, A.S.	
		Part of the new	\$0
5==4400		Residential Property	
REE1400	Florida Real Estate Law	Management, A.S.	•
		Part of the new	\$0
DEFOCO	Property Management and	Residential Property	
REE2506	Leadership	Management, A.S.	Φ0
		Part of the new	\$0
REE2951	Droporty Management Canatana	Residential Property	
REEZ951	Property Management Capstone	Management, A.S.	\$0
	Dool Estate Principles and	Part of the new	<b>Ф</b> О
DEE1000	Real Estate Principles and	Residential Property	
REE1000	Practice	Management, A.S.  Part of the new Supply	\$0
		Chain Management,	ΨΟ
COP2700	Introduction to Database	A.S.	
3012700	Thiroduction to Database	Part of the new Supply	\$0
		Chain Management,	Ψ0
MAN2542	Supply Chain Modeling	A.S.	
		Part of the new Supply	\$0
	Introduction to Transportation	Chain Management,	, ,
TRA2010	and Logistics	A.S.	
	9	Part of the new Supply	\$0
		Chain Management,	
TRA2154	Supply Chain Management	A.S.	
-		Part of the new Supply	\$0
		Chain Management,	
TRA2098	Warehouse Management	A.S.	
		=	1

		Part of the new	\$0
	Surgical Cartification		\$0
STS2936	Surgical Certification	Surgical First	
3132930	Symposium	Assisting, A.S. Part of the new	\$0
			\$0
CTCCCCC	Drive similars of Commissal Assistings	Surgical First	
STS2330C	Principles of Surgical Assisting	Assisting, A.S.	Φ0
		Part of the new	\$0
070000	Advanced Integrated Surgical	Surgical First	
STS2335	Sciences	Assisting, A.S.	<b>A O</b>
		Part of the new	\$0
0=0000	Advanced Surgical Procedures	Surgical First	
STS2336	for the Surgical Assistant	Assisting, A.S.	
		Part of the new	\$0
		Surgical First	
STS2370	Surgical Assisting Clinical I	Assisting, A.S.	
		Part of the new	\$0
	Professional Skills for the	Surgical First	
STS2366C	Surgical Assistant	Assisting, A.S.	
	_	Part of the new	\$0
		Transportation and	
MAN2043	Quality Management Control	Logistics, A.S.	
		Part of the new	\$0
	Supervision and Performance	Transportation and	, ·
MAN2125	Improvement	Logistics, A.S.	
		Part of the new	\$0
		Transportation and	Ψ σ
MAN2216	Inventory Management	Logistics, A.S.	
1717 (1722 10	mventery management	Part of the new	\$0
	Introduction to Transportation	Transportation and	Ψ
TRA2010	and Logistics	Logistics, A.S.	
110/12010	and Logistics	Part of the new	\$0
		Transportation and	ΨΟ
TRA2131	Purchasing	Logistics, A.S.	
TIVAZIOI	1 dronasing	Part of the new	\$0
		Transportation and	ΨΟ
TRA2098	Warehouse Management	Logistics, A.S.	
111/12/03/0	vvaienouse management	Part of the new	\$0
			φυ
TRA2154	Supply Chain Management	Transportation and	
I NAZ 104	Supply Chain Management	Logistics, A.S.  Part of the new	\$0
			φυ
TD 4 04 50	Operations Management	Transportation and	
TRA2152	Operations Management	Logistics, A.S.	0.0
		Part of the new	\$0
TD 4 6 / / 6	Regulatory Compliance for	Transportation and	
TRA2142	Logistics Managers	Logistics, A.S.	
		Part of the new	\$0
	Transportation and Logistics	Transportation and	
TRA2943	Internship	Logistics, A.S.	
		Part of the Unmanned	\$0
		Vehicle Systems	
ASC1210	Aviation Meteorology	Operation, A.S.	

		Part of the Unmanned	\$0
	Advanced Unmanned Vehicle	Vehicle Systems	
ASC2561	Systems Operations	Operation, A.S.	
		Part of the Unmanned	\$0
	Unmanned Vehicles Systems	Vehicle Systems	
ASC2564	Security	Operation, A.S.	
		Part of the Unmanned	\$0
		Vehicle Systems	
ASC2949	Unmanned System Practicum	Operation, A.S.	
		Part of the Unmanned	\$0
		Vehicle Systems	
ATT1100	Pilot Theory	Operation, A.S.	
		Part of the Unmanned	\$0
	Aviation Safety and Human	Vehicle Systems	
AVM2441	Factors	Operation, A.S.	
		Part of the Unmanned	\$0
	Introduction to Unmanned	Vehicle Systems	
EOC1660	Maritime Systems	Operation, A.S.	
		Part of the Unmanned	\$0
	Introduction to Programmable	Vehicle Systems	
ETS1542C	Logic	Operation, A.S.	
		Part of the Unmanned	\$0
	Fundamentals of Remote	Vehicle Systems	
GIS2030	Sensing	Operation, A.S.	
		Part of the Unmanned	\$0
	Introduction to Geographic	Vehicle Systems	
GIS2040	Information Systems	Operation, A.S.	

# **COURSE REVISIONS**

Course ID	Course Name	Type of Change	Current	Proposed	Rationale for Change
ACR0044	A/C, Refrigeration and Heating Technician	Course Title	A/C, Refrigeration and Heating Technician	HVAC/R Advanced Service Practices	The new title aligns with the curriculum frameworks for HVAC/R2.
PHY1020	Energy and Its Environmental Effects	Course Title, Prerequisite and Course description	Title: Energy and Its Environmental Effects Prerequisite: none Description: A survey of the basic principles of physics including light, forces and motion, electricity and magnetism, and nuclear energy.	Title: Fundamentals of Physics Prerequisite: Documented exemption, appropriate placement scores, or completion of developmental education reading and writing	Lack of student interest in environmental aspect of the course. This revision returns the course to the traditional format expected by transfer institutions.

			Prospects of future energy sources and their environmental ramifications will be explored. Intended for the nonscientist.	Description: A survey of the basic principles of physics including forces and motion, energy and momentum, electricity and magnetism, and light. Intended for the non-scientist; students should have taken Algebra 2 or higher in high school.	
PHY1053	Elementary College Physics	Course description	Physics without calculus for science or related majors; not for physics or engineering majors. Topics include mechanics, energy and work, rotational dynamics and equilibrium.	Introduction to mechanics, energy, work, rotational dynamics and equilibrium. Intended for science or related majors; not intended for physics or engineering majors. Course work uses algebra and trigonometry.	This change better aligns the course description with the course content.
PHY1054	Elementary College Physics II	Course description	Continuation of PHY1053. Topics include Thermodynamics, electricity and magnetism, light, and optics.	Continuation of PHY1053. Topics include Thermodynamics, electricity and magnetism, light, and optics. Intended for science or related majors; not intended for physics or engineering majors. Course work uses algebra and trigonometry.	This change better aligns the course description with the course content.

# **COURSE DELETION**

Course ID	Course Name	Rationale for Course Deletion
EET1604C	BAS Energy Management	Course is being deleted to streamline the
	Concepts	program. The concepts are covered in multiple
		courses.