BLANCHE ELY HIGH SCHOOL

CAREER TECHNICAL EDUCATION ACADEMIES

ACADEMY OF MEDICAL & HEALTH SCIENCE (AOHS)

ALLIED HEALTH – AOHS NAF Track Academy (CMAA, EKG, PCT)				
9TH	**10TH**	**11TH**	**12TH**	**CERTIFICATION**
•Hlth Sc 1/A&P (H)(NAF)	•Hlth Sc Found (H) •Chem (H) or Physics	• Global Health/Research	• Electrocardiogram (EKG) •Professional Ethics	•**Electrocardiogram (EKG)**
•Hlth Sc 1/A&P (H)(NAF)	•Hlth Sc Found (H) •Chem (H) or Physics	• Global Health/Research •Administrative Assistant (Allied Health)	• Professional Ethics	•**Certified Medical Administrative Assistant (CMAA)**
•Hlth Sc 1/A&P (H)(NAF)	•Hlth Sc Found (H) •Chem (H) or Physics	•Global Health/Research •Patient Care Technician	• Professional Ethics	•**Patient Care Technician**
PRACTICAL NURSING				
•Hlth Sc 1/A&P (H) (NAF) •Biology 1 or Chemistry (H) or (AP)	•Hlth Sc Found (H) •Research/Global Health •Chemistry or Physics (H) ** Must pass TABE & TEAS	•**PRACT NURSE 1 (H) •**PRACT NURSE 2 (H) •Professional Ethics	•**PN 3 (Summer) •PRACT NURSE 4-9 (H)-	•**Pass NCLEX** •**2 or 3 computer/Business certifications, including MOS Bundle as one** •**Patient Care Physician**
PRE-MEDICAL - Level 3 or higher on FSA/ELA, Bio (H), Alg 1(H) or higher Math				
•Anat & Phy (H) (NAF) & •+Chem (H)	•Hlth Sc Found (H) • CHM1032 (Fall Term) DE •CHM1032L (Spring Term) DE	•+AP Bio •Genetics •Research/Global Health	• CHM1045 & CHM1045L (Fall Term • BSC2010L & BSC2010L (Spring Term) •AP Calculus •AP Psychology	•**May earn EKG or CMAA industry certification**
**= Must pass TABE & TEAS to enroll in PRACTICAL NURSING 1-9 May take one Industry Certification 11th and 12th grade year. += Recommend B or higher in Biology (H), Chem (H), Algebra 2 or higher (H) += Recommend B or higher in Biology (H), Chem (H), Algebra 2 or higher, Physics(H) += Recommend B or higher in Bio logy (H), Chem (H), Geometry (H), Anatomy & Physiology (H)				

ACADEMY OF ENGINEERING & AVIATION

ACADEMY OF ENGINEERING (AOE)				
9TH	**10TH**	**11TH**	**12TH**	**CERTIFICATION**
AVIATION				
PR-Aerospace Tech I	**PR**- Aerospace Tech II	**PR**- Aerospace Tech III	**PR**-Principles of Aerospace Sc (DE)	**Small Unmanned Safety Institute or/and Visual Line of Sight System Operator (VSO)**
ENGINEERING				
PR-Intro to Engineering Design (H)	**PR**-Principles of Engineering	**PR**-Digital Electronics (H) or **PR**-Aerospace tech 1 (H) + AP Chem/+AP Physics	**PR**-Engineering Design & Develop	**Solid Works and/or Autodesk Certified User - Fusion 360**
PR= Prerequisite Level 3 or above & ALG 1 or higher & 3.0 GPA + = Recommend B or higher in Biology (H), Chem (H), Algebra 2 or higher (H) += Recommend B or higher in Biology (H), Chemistry (H), Algebra 2 or higher, Physics (H) PR = Must meet Embry-Riddle Aeronautical Univ (DE) requirements: 3.0 GPA, SAT/ACT/ PERT DE = Dual Enrollment				

BLANCHE ELY HIGH SCHOOL

CAREER TECHNICAL EDUCATION ACADEMIES

iCAN ACADEMY OF INFORMATION TECHNOLOGY & COMPUTER SCIENCE

GAMING AND SIMULATION				
9TH	**10TH**	**11TH**	**12TH**	**CERTIFICATION**
Advance Information Technology	Game & Simulation Foundations	Game & Simulation Design	Game Simulation Programming	•Adobe InDesign •Adobe Illustrator •Adobe Premier Pro (Mandatory to earn industry certification) •Adobe Photoshop
APPLIED INFORMATION TECHNOLOGY ACADEMY – AOIT NAF Track Academy				
Programming Essential (Hon) **(T)**	Database Essentials (Hon)	Computer NTW Found (Hon)	Web Development Tech (Hon)	Adobe Photoshop •Adobe Illustrator •Adobe Animate •Adobe DreamWeaver (Mandatory to earn industry certification)
DIGITAL DESIGN				
Digital Info tech	Digital Design 1	Digital Design 2**(PF)**	Digital Design 3 **(PF)**	•Adobe InDesign •Adobe Photoshop (Mandatory to earn industry certification) •MOS Bundle Adobe Illust
COMPUTER SCIENCE PRINCIPLES				
(T) Advance Information Technology	Foundations of Programming (Hon)	AP Computer Science & Procedural Programming	**DE Intro to Com Prog **DE Micro Computers	•Adobe Photoshop •Adobe Illustrator •Adobe Animate •Adobe DreamWeaver (Mandatory to earn industry certification)
T= Prerequisite Level 3 or above & ALG 1 or higher **Must meet FIU DE requirement: 3.0 GPA, SAT, ACT/ PERT by February of the junior year (PF) Satisfies the Performing Arts graduation requirement				

iCAN ACADEMY OF INNOVATIVE ARTS

ACADEMY OF ARTS				
9TH	**10TH**	**11TH**	**12TH**	
3-D Studio Art	***Draw I	***Draw II	***Draw III	**TBD**
***Pre-requisite = Teacher recommendation for 10th-12th grade				

BLANCHE ELY HIGH SCHOOL

CAREER TECHNICAL EDUCATION ACADEMIES

iCAN ACADEMY OF FINANCE

ACADEMY OF FINANCE- AOF NAF Track Academy				
9TH	**10TH**	**11TH**	**12TH**	**CERTIFICATION**
Business Communication & Technology	Accounting Applications 1 (Hon)	Economics and Financial Services (Hon)	Personal Finance (Hon)	•Adobe InDesign •Intuit Quickbooks (Mandatory to earn industry certification) •MOS Bundle •ADOBE Photoshop (Mandatory to earn industry certification)

iCAN ACADEMY of CULINARY ARTS & HOSPITAILTY AND TOURISM

ACADEMY OF CULINARY ARTS				
9TH	**10TH**	**11TH**	**12TH**	**CERTIFICATION**
Culinary Arts 1	Culinary Arts II (Practical Arts)	Culinary Arts III (Practical Arts) (Hon)	Culinary Arts IV (Practical Arts) (Hon)	ServSafe

ACADEMY OF HOSPITAILTY AND TOURISM – AOHT NAF Track Academy				
9TH	**10TH**	**11TH**	**12TH**	**CERTIFICATION**
Intro to Hospitality & Tourism	Technology for Hospitality & Tourism	Hospitality & Tourism Marketing Management	Hospitality & Tourism Entrepreneurship	•Hospitality and Tourism •Competency Exam Yr1 •Hospitality and Tourism •Competency Exam Yr2 •Certified Front Desk •ServSafe •Adobe InDesign Adobe Photoshop (Mandatory to earn industry certification)

iCAN BC STEM EDUCATION

COLLEGE OF EDUCATION				
9TH	**10TH**	**11TH**	**12TH**	**CERTIFICATION**
•World Lang 1	•MAC1105 (DE) •AP World History (TBD - Teacher) •SPC1024 or SPC1608 (DE) •EDF1005 (DE) •CGS1060C (DE) •World Language 2	•ENC1101(DE) •MFG1106 (DE) •BSC1005 & BSC1005L (DE) •AP US History (DE) •EDF2085 (DE) •EME2040 (DE) •PSY2012 (DE) •World Language 3	•ENC1102 (DE) •STA2023 (DE) •EVR1001 (DE) •POS2041 & ECO2013 (DE) •DEP2002 & DEP2302 (DE) & EDG1006 (DE) ***AP language Culture	Associate of Arts Degree
DE = Dual Enrollment (Must meet DE eligibility- See www.broward.edu/dual) – Click Here for DE Course Approved List				