Attachment 6 – Course Scope and Sequence

English	**English 1** System 44 90 minutes	**English 1 Writing Lab (Writing Lab 1)** 90 minutes	**English 2** READ 180 90 minutes	**English 2 Writing Lab (Writing Lab 2)** 90 minutes	**English 3** World Studies A 180 minutes Acuity A	**English 4** World Studies B 90 minutes Acuity B	**English 5** American Studies A 180 minutes Acuity C	**English 6** American Studies B 180 minutes	**English 7 OR English 111 (dual credit)**
Pre-requisites	SRI< 600L with SPI Cut Score	Concurrent enrollment with English 1	SRI 600-1000L Concurrent enrollment with Writing Lab 2	Concurrent enrollment with English 2	SRI 1000+ Concurrent enrollment with Writing Lab 3	World Studies A	World Studies B	American Studies A	Knowledge Assessment
Credits Awarded	0500 BAS SKLS: ENG 1 *2 General Elective credits/term*	0500 BAS SKLS: WRITE 1 *2 General Elective credits/term*	0500 BAS SKLS: ENG 2 *2 General Elective credits/term* -OR- The final term of READ 180 before moving into ENGLISH 3 (i.e. course completion, 1000L), the following credits are awarded: 1120 DEV READING *1 General Elective credit* 1046 SHORT STRS *1 English credit*	0500 BAS SKLS: WRITE 2 *2 General Elective credits/term* -OR- The final term of READ 180 before moving into ENGLISH 3 (i.e. course completion, 1000L), the following credits are awarded: 1010 LANG LAB *1 General Elective credit* 1062 GRAMMAR *1 English credit*	1026 CLASS LIT 1090 COMP *2 English credits* 1010 LANG LAB *1 General Elective credit* 1548 WLD HST/CVL A* *1 World History credit*	1094 EXPOS WRIT *1 English credit* 1052 WORLD LIT *1 English credit* 1548 WLD HST/CVL B* *1 World History credit*	1020 AMER LIT A & B *2 English credits* 1542 US HIST A* *1 US History credit* 1540 US GOVT *1 Government credit*	1008 ENG 12 A & B *2 English credits* 1542 US HIST B* *1 US History credit* 4528 DIG APPS RESP *1 Directed Elec credit*	1124 ADV ENG CC *2 English credits* OR Non Dual Credit Option: 1098 ADV COMP *1 English credit* 1082 LBRY MEDIA *1 English credit*

Math	**Math A** 90 minutes	**Math B** 90 minutes	**Algebra I A** 180 minutes	**Algebra I B** 180 minutes	**Financial Foundations** 90 minutes	**Geometry** 180 minutes	**Algebra II** 180 minutes	**MATH 136**
Pre-requisites	Placement Test A < 70% (14/20)	Placement Test A > 70% (14/20) and Placement Test B < 70% (14/20)	Placement Test B > 70%	Algebra I A	Concurrent enrollment in Algebra I or Algebra I and SRI 1000+L	Algebra I B	Geometry	KNOWLEDGE ASSESSMENT Elementary Algebra 92-120 or Strands 9, 10, & 11 ≥ 9

Attachment 6 – Course Scope and Sequence

Credits Awarded	0500 BAS SKLS: MATH A *2 General Elective credits/term*	0500 BAS SKLS: MATH B *2 General Elective credits/term*	2520 ALG I A *1 Math credit* 2516 ALG I LAB *1 General Elective credit (for General Diploma = 1 Math credit)*	2520 ALG I B *1 Math credit* 2516 ALG I LAB *1 General Elective credit (for General Diploma = 1 Math credit)*	1514 ECON *1 Economics credit* 4512 BUS MATH *2 Directed Elective credits (for General Diploma= 2 math credits)* 4540 PRS FIN RSP *1 1 Directed Elective credit*	2532 GEOM A & B *2 Math credits*	2522 ALG II A & B *2 Math credits*	2544 ADV MTH CC *2 Math credits*

Attachment 6 – Course Scope and Sequence

Science	**Integrated Chemistry/Physics** 90 minutes	****Biology and** 180 minutes	**Science Research** 90 minutes (May be offered as a stand-alone course or integrated with any other science course)	**BIOL 101**
Pre-requisites	Recommend Concurrent with Math Lab B or Algebra I A		SRI 900+ L	KNOWLEDGE ASSESSMENT
Credits Awarded	3108 ICP A & B *2 Science credits* (Meets Physical Science requirement)	3024 BIO I A & B *2 Science credits* (Meets Life Science requirement)	3008 SCI RSRCH IS *2 Science credits*	3026 BIO II 2 Science credits

Other	**Skills for Success** 90 minutes	**Peer Tutor** Time varies	**Computer Basics** 90 minutes	**Film Literature** 90 minutes	**Contemporary Literature** 90 minutes	**Speech** 90 minutes	**Current Problems, Issues & Events**	**Psychology (non-dual credit)**	**Health & Wellness** Online plus CPR Classroom Instruction	**Physical Education I & II** Online plus Personal Fitness Logs	**Senior Seminar**	**College Entrance Prep** (Knowledge Assessment Prep)
Pre-requisites				SRI 1000+ L	SRI 1000+ L	SRI 1000+	SRI 100+		SRI 600+ L	SRI 400+ L	Two terms before graduation	May be combined with Senior Seminar Or IVY 101

Attachment 6 – Course Scope and Sequence

Credits Awarded	0500 BAS SKLS: STUDY 1 *General Elective credit* 0522 CARR INFO 1 *General Elective credit*	0520 PEER TUTR *1 General Elective Credit/Term (max of 2)*	4528 DIG APPS RESP *1 Directed Elec credit* 0500 BAS SKLS: COMPUTER 1 *General Elective credit*	1034 FILM LIT *1 English credit* 1092 CREAT WRIT *1 English credit*	1054 CONTEM LIT *1 English credit*	1076 SPEECH *2 English credits*	1512 CPIE *1 General Elective credit*	1532 PSYCH *2 General Elective credits*	3506 HLTH&WELL *1 Health credit*	3542 PHYS ED *1 PE credit* 3544 PHYS ED II *1 PE credit*	5394 PREP CC *1 Directed Elective credit* 0522 CARR INFO *1 General Elective credit*	0532 COL-ENT PREP *1 General Elective credit*

Attachment 6 – Course Scope and Sequence

Industry Certifications and Career Pathway Dual Credits

An Excel Center graduation requirement includes at least one career pathway or dual credit course.

This requirement may have been met in a previous school.

Program	**Forklift**	**CDL**	**Logistics**	**HIRE Tech IA Term 1**	**HIRE Tech IB Term 2**	**CPT Part 1**	**CPT Part 2**	**Welding**	**Associated Builders & Contractors Core Curriculum**	**CNC Machine Operator Training**
Certification Exam	OSHA Forklift Certification	CDL	MSSC: Certified Logistics Associate	Dual credit final exams	MSSC: Certified Logistics Associate APICS: Logistics APICS: Operations MSSC: Safety	MSSC: Safety MSSC: Quality Practices and Measurement	MSSC: Manufacturing Processes and Production MSSC: Maintenance Awareness	AWS		NIMS CNC Operator Level 1
Credits Awarded	5602 WOMH *3 Directed Elec credits*	5622 TRACT OPER *6 Directed Elec credits*	*6 Directed Elective Credits:* 5601 SCM LGST *3 Directed Elec credits* 5602 WOMH *3 Directed Elec credits*	*2 Directed Elective Credits:* 4796 INT ADV MFTG *1 Directed Elec credit* 5238 ADV CTE CC *1 Directed Elec credit*	*4 Directed Elective Credits:* 4796 INT ADV MFTG *1 Directed Elec credit* 5608 ADV MFTG I *2 Directed Elec credits* 5238 ADV CTE CC *1 Directed Elec credit (from HIRE 1A)*	5608 ADV MFTG I *3 Directed Elec credits*	5608 ADV MFTG I *3 Directed Elec credits*	*8 Directed Elective Credits:* 5776 WELD TECH I *6 Directed Elec credits* 5778 WELD TECH II *2 Directed Elec credits*	*6 Directed Elective Credits:* 5580 CONST TECH I *3 Directed Elec credits* 5578 CONST TECH II *3 Directed Elec credits*	*6 Directed Elective Credits:* 5782 PCSN MACH I *3 Directed Elec credits* 5784 PCSN MACH II *3 Directed Elec credits*
Dual Credits Awarded				MPRO 100, 106						

Attachment 6 – Course Scope and Sequence

Program	**CADD Technician/AutoCAD Part 1** (8 weeks)	**CADD Technician/AutoCAD Part 2** (8 weeks)	**Pharmacy Technician**	**Dental Assisting**	**Medical Coding**	**Patient Access**	**Emergency Medical Technician**	**Certified Medical Assistant**	**Certified Nursing Assistant**	**Phlebotomy**
Certification Exam		AutoCAD Certified User	PHTE		429 (medical coding certificate)		EMT	451	CNA	phleb
Credits Awarded	*6 Directed Elective credits:* 4800 COMP DES *2 Directed Elec credits* 4802 INT ENG DES *2 Directed Elc credits* 5608 ADV MFTG I *2 Directed Elec credits*	*6 Directed Elective credits:* 5606 ADV MFTG II *6 Directed Elec credits*	*8 Directed Elective credits:* 5282 HLTH ED I: PHARM *6 Directed Elec credits* 5214 HSE II PHARM *2 Directed Elec credits*	*8 Directed Elective Credits* *5247 MED TERMS* *2 Directed Elec credits* *5282 HEALTH ED I: DENT* *6 Directed Elec credits*	*8 Directed Elective Credits:* 5274 MED TERMS: COD *2 Directed Elec credits* 5282 HLTH ED I: COD *6 Directed Elec credits*	*8 Directed Elective Credits:* 5274 MED TERMS: ACC *2 Directed Elec credits* 5282 HLTH ED I: ACC *6 Directed Elec credits*	*6 Directed Elective Credits:* 5282 HLTH ED I: EMT *3 Directed Elec credits* 5210 EMS *3 Directed Elec credits*	*8 Directed Elective Credits:* 5282 HLTH ED I: CMA *3 Directed Elec credits* 5284 HSE II NURS *3 Directed Elec credits* 5286 HSE II ST (Practicum) *2 Directed Elec credits*	*8 Directed Elective Credits:* 5282 HLTH ED 1: CNA *3 Directed Elec credits* 5284 HSE II NURS *3 Directed Elec credits* 5286 HSE II ST (Practicum) *2 Directed Elec credits*	*8 Directed Elective Credits:* 5282 HLTH ED I: PHLE *3 Directed Elec credits* 5286 HSE II ST *2 Directed Elec credits* 5207 WBL HS *3 Directed Elec credits*

Attachment 6 – Course Scope and Sequence

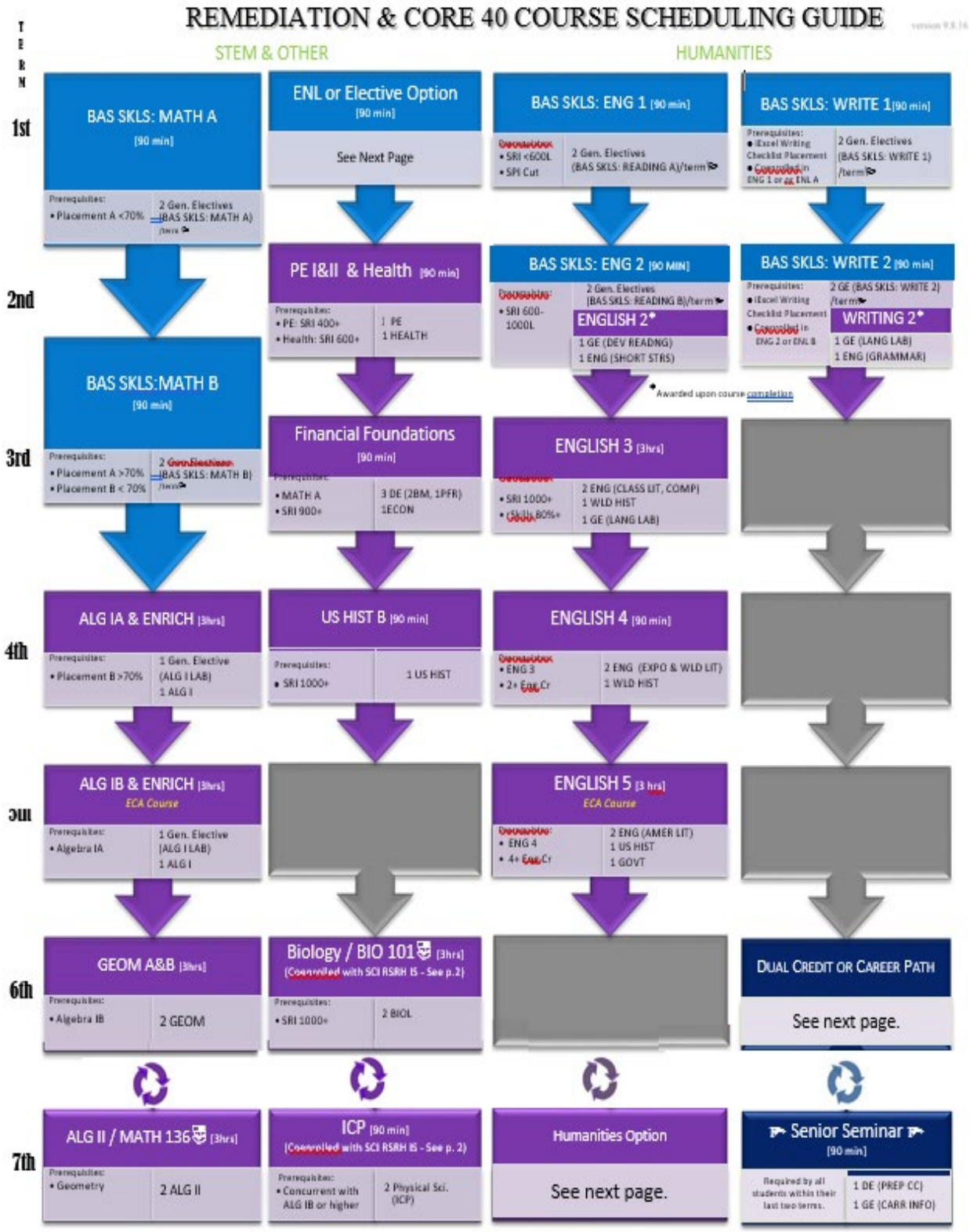
Program	**Microsoft Office Specialist**	**Microsoft Technology Associate**	**CompTIA A+**	**Early Childhood Education** 90 min	**CDA A and CDA A CC**	**CDA B and CDA B CC**	**CDA I**	**Customer Service/Technical Support Representatives**	**Certified Business Professional**	**Apartment Maintenance Technology I**	**Apartment Maintenance Technology II**	**Aviation Assembly Mechanic**	**Hospitality Management**
Certification Exam	MOS	MTA Software Development Fundamentals & Software Testing Fundamentals	aplus	ECE Pre-Pac				TSIA CSP-1	CBP Exam				Certified Guest Professional (CGSP) Certified Front Desk Professional
Credits Awarded	*3 Directed Elective Credits:* 4530 DIGI CITI *1 Directed Elec credit* 4528 DIG APPS RESP *2 Directed Elec credits*	*4 Directed Elective Credits:* 4803 INTO CS *2 Directed Elec credits* 4801 COM SCI I *2 Directed Elec credits*	*8 Directed Elective Credits:* 5230 COMP TECH *4 Directed Elec credits* 5234 NTWRK FUND *4 Directed Elec credits*	*5 Directed Elective Credits:* 5362 CHLD DEV *1 Directed Elec credit* 5360 ADVCHLD DEV *1 Directed Elec credit* 5412 ECE I *3 Directed Elec credits*	*4 Directed Elective Credits:* *1 5362 Child Dev credit* *3 5412 ECE I* **CC Students get ECED 103*	*5 Directed Elective Credits:* *2 5360 ADVCHILD DEV* *3 5412 ECE I* **CC Students get ECED 101*	*4 Directed Elective Credits:* *2 5406 ECE II* *2 5408 ED PROF I*	*2 Directed Elective Credits:* 5364 INTRP RLT *1 Direct Elec credit* 4508 TECH BUS COMM *1 Directed Elec credit*	*4 Directed Elective Credits:* 5364 INTRP RLT *1 Direct Elec credit* 4508 TECH BUS COMM *1 Directed Elec credit* 4530 DIGI CITI *1 Directed Elec credit*	*9 Directed Elective Credits:* 5593 BF MANT I *6 Directed Elec credits* 5892 WBL TRADE *3 Directed Elec credits*	*9 Directed Elective Credits:* 5594 BF MANT II *6 Directed Elec credits* 5892 WBL TRADE *3 Directed Elec credits*	*10 Directed Elective Credits:* 5520 AV MAINT *6 Directed Elec credits* 5608 ADV MFTG I *2 Directed Elec credits* 5606 ADV MRTG II	*6 Directed Elective Credits:* 5458 ADV HOS MNGMT *6 Directed Elec credits*

Attachment 6 – Course Scope and Sequence

									4528 DIG APPS RESP *Directed Elec credit*			*2 Directed Elec credits*	
												ADMF 101, 102; AVIM 101, 110, 111, 112	

College Courses (Ivy Tech)	**MRKT 101 (dual credit) -or- PRN MRKT (non-dual credit)**	**BUSN 101 (dual credit) -or- BUS MGMT (non-dual credit)**	**BIOL 101**	**CINS 101**	**MATH 136**	**ENGL 111**	**IVY 111**
Pre-requisite	KNOWLEDGE ASSESSMENT 80 in Sentence Skills 76 in Reading 40 in Elem Alg or 60 Arith	KNOWLEDGE ASSESSMENT 80 in Sentence Skills 76 in Reading and 40 in Elem Alg or 60 Arith	KNOWLEDGE ASSESSMENT 80 in Sentence Skills 76 in Reading 40 in Elem Alg or 60 in Arith	KNOWLEDGE ASSESSMENT 80 in Sentence Skills 76 in Reading	KNOWLEDGE ASSESSMENT 74 in Elem Alg and 1 CLM	KNOWLEDGE ASSESSMENT 80 in Sentence Skills 76 in Reading	
Credits Awarded	5914 PRIN MRKT *2 Directed Elec credits*	4562 BUS MGMT *2 Directed Elec credits*	3026 BIO II 2 Science credits	4528 DIG APPS RESP 2 *Directed Elec credit*	2544 ADV MTH CC *2 math credits*	1124 ADV ENG CC *2 English credits each*	0532 COL-ENT PREP 1 GE credit 0500 BAK SKLLS: IVY TECH 1 GE credit

Attachment 6 – Course Scope and Sequence



Dual credit courses vary by school. See next page for ACCUPLACER requirements to earn additional credits.
8 credit max

- THE FOLLOWING COURSE OFFERINGS VARY BY SCHOOL -

Additional Science Elective Options

Course:	Pre-requisites	Credits
Environmental Science [Varies by school]	SRI 900+	2 Science Electives • ENVSCI
Science Research [Varies by school]	SRI 900+	1 Science Elective/ project (2 credit max) • SCI RSRH IS
Earth & Space Science [90 min]	SRI 900+	2 Science Electives • EAS

Additional Humanities Options

Course:	Pre-requisites	Credits
SPEECH [90 min]	SRI 1000+ May co-enroll with CPIE	2 English • SPEECH
Film Literature [90 min]	SRI 1000+	2 English • FILM LIT • CREAT WRIT
Contemporary Literature [90 min .5 term]	SRI 1000+	1 English • CONTEMP LIT
ENGLISH 6 [90 min]	ENG 5	2 ENG (ENG 12) 1 US HIST 1 DE (DIG APPS RESP)

Additional General & Directed Elective Options

Course:	Pre-requisites	Credits
Seminar for Success (SFS)	COC students only	2 General Electives • BAS SKLS: STUDY • CARR INFO
Study Skills	None	2 General Electives • BAS SKLS: STUDY
Computer Basics	None	1 General Elective • BAS SKLS: COMP 1 Directed Elective • DIG APPS RESP
Peer Tutoring	Instructor Recommendation	1 General Elective • PEER TUTR
Current, Problems, Issues, & Events	SRI 1000+ May co-enroll with Speech	1 General Elective • CPIE
World language option for non-native speakers	Director's approval Contact GEI	1 Direct Elective /per course

College Courses	Pre-requisite	Weighted HS Credits Awarded
MATH 136	ACCUPLACER 74 in Elem Alg 1 CLM	2 General Electives or Math for Acad. Honors • ADV MATH CC
BIOL 101 *Meets Science Elective Requirement*	ACCUPLACER 80 in Sentence Skills 76 in Reading 40 in Elem Alg or 60 ARITH	2 Science Electives • BIO II CC

See next page for more college credit opportunities.

ENL

ENL STUDENTS ONLY

ENL A [90 min]
Prerequisites:
• W-APT 1 or 2
• WIDA 1 or 2
2 ENG (ENL)

ENL B [90 min]
Prerequisites:
• W-APT 1 or 2
• WIDA 1 or 2
2 ENG (ENL)

Remediation or elective course

Course contains Core 40 credit(s)

Career & Collge Pathway course

Industry Certifications and Career Pathway Dual Credits

An Excel Center graduation requirement includes at least one career pathway or dual credit course. This requirement may have been met in a previous school.

Dual Credit Programs	Pre-requisite	Certification Exam(s)	HS Credits Awarded	College Credits Awarded
HIRE Tech IA	1000+L	Dual credit final exams	2 Direct Electives • 1- INT ADV MFTG • 1- ADV CTE CC	MPRO 100, 106
HIRE Tech IB	1000+L	MSSC: Certified Logistics Associate APICS: Logistics APICS: Operations APICS: Safety	4 Direct Electives • 1- INT ADV MFTG • 1- ADV CTE CC • 2- ADV MFTG I	
Early Childhood Education **ECE**	1000+L	ECE Pre-Pac	5 Direct Electives • 1- CHLD DEV • 1- ADVCHLDDEV • 3- ECE I	
Child Development Associate **CDA A** (non-college credit) **CDA A CC** (college credit)	1000+L For CC, ACCUPLACER 60 Sentence Skills 55 in Reading		4 Direct Electives • 1- CHLD DEV • 3- ECE I	ECED 103
CDA B (non-college credit) **CDA B CC** (college credit)			5 Direct Electives • 2- ADVCHLDDEV • 3- ECE I	ECED 101
CDA Internship **CDA I**	CDA A & B		4 Direct Electives • 2- ECE II • 2-ED PROF I	

CDA Internship **CDA I**	CDA A & B		4 Direct Electives • 2- ECE II • 2-ED PROF I	
Aviation **AVI** (non-college credit) **AVICC** (college credit)	1000+L	Assembly Mechanic Certificate	10 Direct Electives • 6 - AV MAINT • 2 - ADV MFTG I • 2 – ADV MRTG II	ADMF 101, 102 AVIM 101, 110, 111, 112

CERTIFICATION COURSES CONTINUED

Certification Programs	Certification Exam	HS Credits Awarded
Certified Medical Assistant **CMA**	451	8 Direct Electives • 2- HSE II ST • 3- HLTH ED I: CMA • 3- HSE II NURS
Certified Nursing Assistant **CNA**	nurse	8 Direct Electives • 2- HSE II ST • 3- HLTH ED I: CNA • 3- HSE II NURS
Dental Assisting **DENT ASSIST**		8 Direct Electives • 2- MED TERMS • 6- HLTH ED I: DENT
Emergency Medical Technician **EMT**	EMT	6 Direct Electives • 3- EMS • 3- HLTH ED I: EMT
Medical Coding **MED CODE**	429 (medical coding certificate)	8 Direct Electives • 2- MED TERMS • 6- HLTH ED I
Patient Access	N/A	8 Direct Electives • 2- MED TERMS • 6- HLTH ED I
Pharmacy Technician **PHARM TECH**	phte	8 Direct Electives • 6- HLTH ED I • 2- HSE II PHARM
Phlebotomy	PBT(ASCP)	8 Direct Electives • 3- HLTH ED I: PHLE • 2- HSE II ST • 3- WBL HS
Hospitality Management **ADV HOS MNGMT**	CGSP, Certified Front Desk Professional	6 Direct Electives • 6- ADV HOS MNGMT
Certified Business Professional **CBP**	CBP Exam	4 Direct Electives • 1- INTRP RLT • 1-TECH BUS COMM • 2- DIG APPS RESP
Customer Service/ Technical Support Representatives **CSR**	TSIA-CSP-1	2 Direct Electives • 1- INTRP RLT • 1-TECH BUS COMM
CompTIA A+	aplus	8 Direct Electives • 4- COMP TECH • 4- NTWK FUND
Microsoft Office Specialist **MOS**	MOS	2 Direct Electives • 2- DIG APPS RESP
Microsoft Technology Associate **MTA**	MTA Software Development Fundamentals & Software Testing Fundamentals	4 Direct Electives • 2- INTO CS • 2- COM SCI I

Certification Programs	Certification Exam	HS Credits Awarded
Associated Builders & Contractors Core Curriculum **ABCCC**		6 Direct Electives • 3-CONST TECH I • 3-CONSTR TECH II
Certified Apartment Maintenance Technician **AMTI**		9 Direct Electives • 6- BF MANT I • 3- WBL TRADE
AMTII		9 Direct Electives • 6- BF MANT II • 3- WBL
CADD Technician/AutoCAD **CADD1**		6 Direct Electives • 2- COMP DES • 2- INT ENG DES • 2- ADV MFTG I
CADD2	Auto CAD certified user	6 Direct Electives • 6- ADV MFTG II
CNC MACH OPERATOR **CNC**	NIMS CNC Operator Level 1	6 Direct Electives • 3- PCSN MACH I • 3- PCSN MACH II
Certified Production Technician **CPT A** **CPT B**	MSSC: Safety MCCC: Quality Practices & Measurement	Direct Electives /course • 1- ADV MFTG I: SAFTEY • 2- ADV MFTG I: QUALITY
CPT C **CPT D**	MSSC: Manufacturing Processes & Production MSSC: Maintenance Awareness	• 1- ADV MFTG I: MAN PROC & PROD • 2- ADV MFTG I: MAIN AWRN
Welding	AWS	8 Direct Electives • 6- WELD TECH I • 2- WELD TECH II
CDL	CDL	6 Direct Electives • TRACT OPER: CDL
Global Logistics Associate **GLA**		6 Direct Electives • 1-INT ADV MFTG • 5-ADV MFTG I
Logistics **LRC**	MSSC: Certified Logistics Associate	6 Direct Electives • 3-TRACT OPER: LRC • 3-WOMH
Forklift	OSHA Forklift Certification	3 Direct Electives • WOMH: Forklift

Dual College Credits Courses OR Non College Credit Course Equivalents

College Courses	ACCUPLACER Pre-requisite	Weighted HS Credits Awarded
BUSN 101	80 in Sentence Skills 76 in Reading	2 Direct Electives • BUS MGMT CC
MRKT 101	80 in Sentence Skills 76 in Reading 40 Elem Alg. or 60 Arith	2 Direct Electives • PRN MRKT CC
CINS 101	80 in Sentence Skills 76 in Reading	2 Direct Electives • DIG APPS RESP CC
COMM 101	80 in Sentence Skills 76 in Reading	2 English Credits • ADV ENG CC
ENGL 111 **ENGL 112**	69+ Reading Diagnostic 4+ WritePlacer C or above in ENGL 111	2 English Credits each • ADV ENG CC

Non College Credits	Pre-requisite	Non-Weighted HS Credits Awarded
BUS MGMT [90 min]	SRI 1000+ Passed ALG ECA	2 Directed Electives • BUS MGMT
PRN MRKT [90 min]	SRI 1000+ Passed ALG ECA	2 Directed Electives • PRN MRKT
DIG APPS RESP [90 min]	SRI 1000+ Passed ALG ECA	2 Directed Electives • DIG APPS RESP
ADV SPEECH		2 English • ADV SPEECH
ENGLISH 7 [90 min]	ENG 5 Passed ECA	2 English • ADV COMP • LBRY MEDIA

The grades for the following credits will not be weighted:

IVY TECH 111 **IVY TECH 120**	None	2 General Electives • COL-ENT PREP • BAS SKLS: IVY TECH	Non Applicable – no ACCUPLACER requirement