

CLARION UNIVERSITY OF PENNSYLVANIA
COMMONWEALTH OF PENNSYLVANIA
STATE SYSTEM OF HIGHER EDUCATION

**ARTICULATION AGREEMENT
AND
GUARANTEED ADMISSIONS AGREEMENT
BETWEEN
CLARION UNIVERSITY OF PENNSYLVANIA
AND
THE COMMUNITY COLLEGE OF ALLEGHENY COUNTY**

WITNESSETH

THIS AGREEMENT is made by and between The Community College of Allegheny County (hereafter "CCAC"), located at 800 Allegheny Avenue, Pittsburgh, PA 15233 and Clarion University of Pennsylvania (hereafter "CLARION"), located at 840 Wood Street, Clarion, PA 16255

Both institutions desire to facilitate the guaranteed admissions of students who have earned an Associate of Science from CCAC in Technology, Workforce Development and Aviation with full junior standing into to the subsequent Bachelor of Science Degree in Technology Leadership at CLARION. A secondary purpose is to provide faculty and administration of both institutions with more precise guidelines for advising students interested in pursuing a Bachelor of Science in Technology Leadership. Exhibit A outlines the transfer of coursework from the Associate Degree at CCAC to the Bachelor of Science Degree at Clarion.

Mutual Terms and Conditions.

- a) *Admission of Transfer Student.* The student will follow the transfer admissions process to include completing the Undergraduate Online Application or printable application as outlined on Clarion University's admissions website at <http://www.clarion.edu>
- b) *Academic Policies and Requirements.* Clarion University accepts credits from CCAC in accordance with the State System Board of Governor's Policy 1999-01: Academic Passport and Student Transfer Policy. The transfer of grades below a "C" will be reviewed in the same manner as the grading policy of native Clarion university students so long as the student has earned the associate degree with an overall GPA of 2.00. Clarion accepts and applies credits from CCAC as outlined in the attached EXHIBIT. Clarion University Graduation Residency Requirements include 30 of the last 45 credits and 50 percent of the major requirements must be Clarion University coursework as part of the 120 credit baccalaureate degree requirements. Specific details are outlined in the attached EXHIBIT as it relates to the associate and baccalaureate degree pathway and in ensuring the academic standards necessary for awarding of the baccalaureate degree.

- c) *Promotion.* CCAC agrees to publicize this Agreement to prospective students in admissions literature, website and as part of regular student recruitment, and to inform qualified students matriculating to CCAC of the opportunity for admission to CLARION under the terms of this Agreement. CLARION'S transfer counselor and/or Applied Technology Program Director will collaborate with appropriate departments to promote the agreement as well and to provide promotional support on the program website.
- d) *Term of Agreement.* The term of this agreement shall be January 1, 2016 to November 30, 2018. This agreement can be extended a year at a time upon written agreement. However, this Agreement may not exceed a total period of five years without review.
- e) *Termination of Agreement.* The University or the College may terminate this Agreement for any reason with ninety (90) days notice. Either party may terminate this Agreement in the event of a substantial breach. However, should the University terminate this Agreement prior to completion of the program, all students enrolled at that time may continue their educational experience until it would have been concluded absent the termination.
- f) *Nondiscrimination.* The parties agree to continue their respective policies of nondiscrimination based on Title VI of the Civil Rights Act of 1964 in regard to sex, age, race, color, creed, national origin, Title IX of the Education Amendments of 1972 and other applicable laws, as well as the provisions of the Americans with Disabilities Act. UNIVERSITY students are protected by Title IX of the Education Amendments of 1972 and other applicable laws, as well as the provisions of Section 504 of the Rehabilitation Act of 1973 (as amended) and the Americans with Disabilities Act (ADA) of 1990. CLINIC agrees to cooperate with the UNIVERSITY in its investigation of claims of discrimination or harassment.
- g) *Reporting of Sexual Violence and Sexual Harassment:* Clinic shall report any incident in which a student is the victim of sexual assault, dating violence, domestic violence, stalking or sexual harassment to the University Title IX Coordinator:

Jocelind Gant
Office of Social Equity
Clarion University of PA
840 Wood Street
Clarion, PA 16214

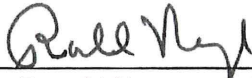
- h) *Interpretation of the Agreement.* The laws of the Commonwealth of Pennsylvania shall govern this Agreement.
- i) *Modification of Agreement.* This Agreement shall only be modified in writing with the same formality as the original Agreement.
- j) *Relationship of Parties.* The relationship between the parties to this Agreement to each other is that of independent contractors. The relationship of the parties to this contract to each other shall not be construed to constitute a partnership, joint venture or any other relationship, other than that of independent contractors.
- k) *Liability.* Neither of the parties shall assume any liabilities to each other, except as specifically stated in this Agreement. As to liability for damage, injuries or death to persons,

or damages to property, the parties do not waive any defense as a result of entering into this Agreement unless such a waiver is expressly and clearly written into a part of this Agreement.

- l) *Entire Agreement.* This Agreement represents the entire understanding between the parties. No other prior or contemporaneous oral or written understandings or promises exist in regards to this relationship.

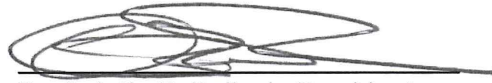
IN WITNESS WHEREOF, the authorized representatives of the parties have executed this Agreement as of the date previously indicated.

For: Clarion University of Pennsylvania

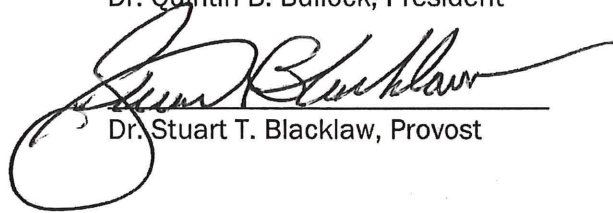


Dr. Ronald Nowaczyk, Provost

For: Community College of Allegheny County



Dr. Quintin B. Bullock, President

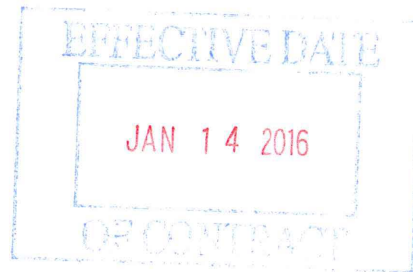


Dr. Stuart T. Blacklaw, Provost

APPROVED AS TO FORM & LEGALITY:



University Legal Counsel



**EXHIBIT A
ARTICULATED DEGREE CHECK SHEETS**

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name ARCHITECTURAL DRAFTING & DESIGN



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: _____

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: Architectural Drafting & Design Tech

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

		Credits		Transfer	
CU	Transfer	From	Grade		
ENG 110	ENG 101		3	CCAC	
ENG 111	College Writing II	3			

B. Mathematics Competency (3-6 credits)

		Credits		Transfer	
CU	Transfer	From	Grade		
MATH 1XX	MAT 114		4	CCAC	
MATH 1XX	MAT 116		4	CCAC	

C. Credits to total 12 in category:

		Credits		Transfer	
CU	Transfer	From	Grade		
CIS 217	App of Micro	3			

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

		Credits		Transfer	
CU	Transfer	From	Grade		
PHY 1XX	PHY 113		3	CCAC	
		3			
		3			

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

		Credits		Transfer	
CU	Transfer	From	Grade		
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim. Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

		Credits		Transfer	
CU	Transfer	From	Grade		
HUM 1XX	Humanities Elective		3	CCAC	
	Advanced Standing Course	3			
	Advanced Standing Course	3			

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

		Credits		Transfer	
CU	Transfer	From	Grade		
HPE 111	Health & Wellness	2			

B. Personal Performance (1 credit)

		Credits		Transfer	
CU	Transfer	From	Grade		
HPE 1XX	Health Performance	1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

		Credits		Transfer	
CU	Transfer	From	Grade		
	Advanced Standing Course	3			

Total Credits from I, II, III, & Electives 30 20 50

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

NO CHANGES SINCE FALL 2015

V. Industrial Technology Major (45 Credits)

		Credits		Transfer	
CU	Transfer	From	Grade		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indust. Tech./SUB EDD 120		4	CCAC	
APT 250	Industrial Safety/SUB EDD 101		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	

30 16 46

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Architectural Drafting & Design
Institution of Technical Training:	CCAC
APT299	28 CCAC

0 28 28

Free Electives

CU	Transfer	From	Grade		

0 0 0

Flags:

(V) First-Year Values Flag	
(Q) Quantitative Reasoning	
(S) Second Values Flag	
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

Notes:

Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Name **CCAC AVIATION MGMT**

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: _____



**Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program**

Area of Technical Emphasis:

AVIATION MANAGEMENT

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

		Credits		Transfer	Grade
CU	Transfer	From	From		
ENG 111	Writing II/ENG 102		3	CCAC	
ENG 110	Writing I/ENG 101		3	CCAC	

B. Mathematics Competency (3 credits)

		Credits		Transfer	Grade
CU	Transfer	From	From		
MATH 112	Excursions in Math/MAT 102		3	CCAC	

C. Credits to total 12 in category:

		Credits		Transfer	Grade
CU	Transfer	From	From		
CIS 217	AppI Of Micro/CIT 140		4	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

		Credits		Transfer	Grade
CU	Transfer	From	From		
PHSC 112	Basic Phys Science	3			
1XX	SCI ELECTIVE		3	CCAC	
	Advanced Standing Course	3			

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

		Credits		Transfer	Grade
CU	Transfer	From	From		
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
1XX	SOC SCI ELECTIVE		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

		Credits		Transfer	Grade
CU	Transfer	From	From		
COM 113	Public Speaking	3			
	Advanced Standing Course	3			
1XX	HUMANITIES ELECTIVE		3	CCAC	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

		Credits		Transfer	Grade
CU	Transfer	From	From		
HPE 111	Health Education	2			

B. Personal Performance (1 credit)

		Credits		Transfer	Grade
CU	Transfer	From	From		
HPE 1xx		1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

		Credits		Transfer	Grade
CU	Transfer	From	From		
ENG 307	Business Writing		3	CCAC	
	Advanced Standing Course	3			

Total Credits from I, II, III, & Electives 24 25 **49**

V. Industrial Technology Major (45 Credits)

		Credits		Transfer	Grade
CU	Transfer	From	From		
ACTG 251	Financial Accounting/ACC 104		4	CCAC	
ACTG 252	Managerial Accounting/ACC 203		4	CCAC	
APT120	Intro to Indus Tech/SUB BUS 104		3	CCAC	
APT250	Industrial Safety/SUB APT 399 AvLaw	3			
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business/ BUS 101		3	CCAC	
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Elective**	3			
300+	Elective**	3			
300+	Elective**	3			

33 10 43

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Aviation Mgmt
Institution of Technical Training:	CCAC
APT299	28
APT399	
	0 28 28

Free Electives

		Credits		Transfer	Grade
CU	Transfer	From	From		

0 0 0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:
 *Total Number of advanced standing course credits must equal or exceed 42.
 **Subject to advisor approval; must be related to major
 NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name AVIATION TECHNOLOGY



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: _____

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: PROFESSIONAL PILOT

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 111	College Writing II		3	CCAC	

B. Mathematics Competency (3-6 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MAT 1XX	MAT 114		4	CCAC	
		3			

C. Credits to total 12 in category:

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
CIS 217	Appl of Micro/SET 105		3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
PHSC 1XX	PHY 113		3	CCAC	
		3			
		3			

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
SOC 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim. Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HUM 1XX	Humanities Elective		3	CCAC	
		3			
	Advanced Standing Course	3			

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
		2			

B. Personal Performance (1 credit)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
		1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 101	College Writing I		3	CCAC	
	Advanced Standing Course	3			

Total Credits from I, II, III, & Electives 27 22 **49**

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

NO CHANGES SINCE FALL 2016

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Indust. Tech./SUB APT 399/AVT 217		3	CCAC	
APT 250	Indus Safety/SUB APT 399/AVT 216		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	Mgmt Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	AVT 111 Flight Theory Instrument		3	CCAC	
APT 399	AVT 215 Flight Commerical II		4	CCAC	
APT 399	Flight Safety		3	CCAC	

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VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Pilot
Institution of Technical Training:	CCAC
APT299	28
	28 0 28

Free Electives

Course	Description	CU	Transfer	Grade

0 0 **0**

Flags:

(V) First-Year Values Flag	
(Q) Quantitative Reasoning	
(S) Second Values Flag	
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

Notes:

Total Number of advanced standing course credits must equal or exceed 42.

****Subject to advisor approval; must be related to major**

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name CADD TECHNOLOGY



**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: _____

Area of Technical Emphasis:

CADD

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I		3	CCAC	
ENG 111	Writing II	3			

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/SUB MAT 114		3	CCAC	
MATH 1XX	MAT 116		4	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	Transfer	Grade
CIS 217	Appl Of Micro/SET 105		3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	CU	Transfer	Transfer	Grade
PHSC 112	Basic Phys Science/PHY 113		3	CCAC	
			3		
	Advanced Standing Course		3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	CU	Transfer	Transfer	Grade
ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	CU	Transfer	Transfer	Grade
COM 113	Public Speaking		3		
	Advanced Standing Course		3		
HUM 1XX	Humanities Elective		3	CCAC	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	Transfer	Grade
HPE 111	Health Education		2		

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	Transfer	Grade
HPE 1xx			1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	Transfer	Grade
	Advanced Standing Course		3		

Total Credits from I, II, III, & Electives 27 22 49

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/SUB EDD 101		3	CCAC	
APT 250	Industrial Safety/SUB EDD 120		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business		3		
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		30	15	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	CADD
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
0 28 28	

Free Electives

Course	CU	Transfer	Transfer	Grade
0 0 0				

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **CIVIL ENGINEERING TECHNOLOGY**

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: _____



**Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program**

Area of Technical Emphasis: **Civil Engineering**

CU	Transfer	Credits		Transfer	
		From	Grade	From	Grade

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	ENG 101		3	CCAC	
ENG 111	SUB ENG 103		3	CCAC	

B. Mathematics Competency (3-6 credits)

MATH 1XX	MAT 114		4	CCAC	
MATH 1XX	MAT 116		4	CCAC	

C. Credits to total 12 in category:

CIS 1XX	SET 105		3	CCAC	
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II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

PHY 1XX	PHY 113		3	CCAC	
PHY 1XX	PHY 114		3	CCAC	
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim. Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

HUM 1XX	Humanities Elective		3	CCAC	
	Advanced Standing Course		3		
	Advanced Standing Course		3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health & Wellness		2		
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B. Personal Performance (1 credit)

HPE 1XX	Health Performance		1		
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing Course		3		
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Total Credits from I, II, III, & Electives **21 29 50**

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

NO CHANGES SINCE FALL 2015

CU	Transfer	From	Grade	Credits		Transfer	
				From	Grade	From	Grade

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting		3			
ACTG 252	Managerial Accounting		3			
APT 120	Intro to Indust. Tech./SUB EDD 120		4	CCAC		
APT 250	Industrial Safety/SUB EGR 110		3	CCAC		
APT 301	Issues in Applied Tech		3			
FIN 370	Financial Management		3			
MGMT 120	Intro to Business		3			
MGMT 320	MGMT Theory & Pract		3			
MKTG 360	Principles of Marketing		3			
300+	Business Elective**		3			
300+	Business Elective**		3			
300+	Business Elective**		3			
APT 399	Advanced Field Training		3	CCAC		
APT 399	Advanced Field Training		3	CCAC		
APT 399	Advanced Field Training		3	CCAC		

30 16 46

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis: **Civil Engineering**

Institution of Technical Training: **CCAC**

APT299		28	CCAC
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0 28 28

Free Electives

0 0 0

Flags:

- (V) First-Year Values Flag
- (Q) Quantitative Reasoning
- (S) Second Values Flag
- (W) Writing Intensive
- (W) Writing Intensive
- (I) Information Literacy

Notes:

Total Number of advanced standing course credits must equal or exceed 42.
 **Subject to advisor approval; must be related to major
 NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

51 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name CYBERSECURITY
 Phone V1
 ID # _____
 Anticipated Grad _____ Transfer Inst: _____



**Bachelor of Applied Science
 in Technology Leadership
 Online Upper-Division Degree Completion Program**

Area of Technical Emphasis: CYBERSECURITY

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
ENG 110	Writing I/ENG 101		3	CCAC		
ENG 111	Writing II/ENG 1012		3	CCAC		

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
MATH 112	Excursions in Math/MATH 1XX		3	CCAC		

C. Credits to total 12 in category:

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
CIS 217	Appl Of Micro/SUB CIT 115		3	CCAC		

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
SCI 1XX	Science Elective		3	CCAC		
			3			
			3			

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
ECON 211	Prin of Macro or Micro Econ		3			
SS 1XX	Social Science Elective		3	CCAC		
CRJT 110	Intro to Criminal Justice/CJC 101		3	CCAC		

Select from the following areas: Anth, Crim. Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
COM 113	Public Speaking/SPH 101		3	CCAC		
	Advanced Standing		3			
			3			

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
HPE 111	Health Education		2			

B. Personal Performance (1 credit)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
HPE 1xx			1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
	Advanced Standing		3			
	Advanced Standing		3			

Total Credits from I, II, III, & Electives 24 24 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	From	Grade
		CU	Transfer			
ACTG 251	Financial Accounting/CCAC Acctg		3	CCAC		
ACTG 252	Managerial Accounting	3				
APT 120	Intro to Indus Tech	3				
APT 250	Industrial Safety	3				
APT 301	Issues in Applied Tech	3				
FIN 370	Financial Management	3				
MGMT 120	Intro to Business	3				
MGMT 320	MGMT Theory & Pract	3				
MKTG 360	Principles of Marketing	3				
300+	Business Elective**	3				
300+	Business Elective**	3				
300+	Business Elective**	3				
APT 399	Advanced Field Training		3	CCAC		
APT 399	Advanced Field Training		3	CCAC		
APT 399	Advanced Field Training		3	CCAC		
		33	12			45

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Cybersecurity
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	Credits	Transfer	From	Grade
		0	0		0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Based on CCAC Students taking Accounting

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name CYBERSECURITY
 Phone V2
 ID # _____
 Anticipated Grad _____ Transfer Inst: _____



**Bachelor of Applied Science
 in Technology Leadership
 Online Upper-Division Degree Completion Program**

Area of Technical Emphasis: CYBERSECURITY

	Credits		Transfer	
	CU	Transfer	From	Grade

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 1012		3	CCAC	

B. Mathematics Competency (3 credits)

MATH 112	Excursions in Math/MATH 1XX		3	CCAC	

C. Credits to total 12 in category:

CIS 217	Appl Of Micro/SUB CIT 115		3	CCAC	
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II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

SCI 1XX	Science Elective		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macro or Micro Econ	3			
SS 1XX	Social Science Elective		3	CCAC	
CRJT 110	Intro to Criminal Justice/CJC 101		3	CCAC	

Select from the following areas: Anth, Crim. Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing		3		
			3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health Education	2			
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B. Personal Performance (1 credit)

HPE 1xx		1			
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing	3			
	Advanced Standing	3			

Total Credits from I, II, III, & Electives 24 24 **48**

	Credits		Transfer	
	CU	Transfer	From	Grade

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech	3			
APT 250	Industrial Safety	3			
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business/CCAC Bus Elective		3	CCAC	
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	

33 12 45

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Cybersecurity
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Based on CCAC Students taking Business Elective

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **ELECTRONIC ENGINEERING TECH**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: _____

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: ELECTRONIC ENGINEERING

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II	3			

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 114		4	CCAC	
MATH 1XX	MAT 116		4	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	Grade
CIS 217	Appl Of Micro/SET 1015		3	CCAC

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
PHSC 112	Basic Phys Science/PHY 113		3	CCAC	
PHSC 1XX	PHY 114		3	CCAC	
	Advanced Standing	3			

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking		3		
	Advanced Standing	3			
HUM 1XX	Humanities Elective		3	CCAC	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	Grade
HPE 111	Health Education		2	

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	Grade
HPE 1xx			1	

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	Grade
	Advanced Standing	3		

Total Credits from I, II, III, & Electives 24 26 50

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/SUB EET 103		3	CCAC	
APT 250	Industrial Safety/SUB EGR 100		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business		3		
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		30	15	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Electronic Engineering
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
0 28 28	

Free Electives

Course	Description	CU	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

54 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name ENGINEERING SCIENCE



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: _____

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: ENGINEERING SCIENCE

	Credits		Transfer	
	CU	Transfer	From	Grade

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102		3	CCAC	

B. Mathematics Competency (3 credits)

MATH 112	Excursions in Math/MAT 201		3	CCAC	

C. Credits to total 12 in category:

CIS 217	Appl Of Micro	3			
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II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

PHSC 112	Basic Phys Science/PHY 221		4	CCAC	
PHSC 2XX	PHY 222		4	CCAC	
		3			

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macro or Micro Econ	3			
S&B 1XX	Elective		3	CCAC	
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

A&H 1XX	Elective		3	CCAC	
	Advanced Standing	3			
HUM 1XX	Humanities Elective		3	CCAC	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health Education	2			
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B. Personal Performance (1 credit)

HPE 1xx		1			
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing	3			
	Advanced Standing	3			

Total Credits from I, II, III, & Electives 21 29 50

	Credits		Transfer	
	CU	Transfer	From	Grade

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech	3			
APT 250	Industrial Safety	3			
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	

36 11 47

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Engineering Science
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Can the 1st Semester General Electives be specified???

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name ENGINEERING TECHNOLOGY



Phone CIVIL ENGINEERING

ID # _____

**Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program**

Anticipated Grad _____ Transfer Inst: _____

Area of Technical Emphasis: CIVIL ENGINEERING

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 201		3	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
CIS 217	Appl Of Micro/SET 105		3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
PHSC 112	Basic Phys Science/PHY 141		4	CCAC	
PHSC 2XX	PHY 142		4	CCAC	
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking		3		
	Advanced Standing		3		
HUM 1XX	Humanities Elective		3	CCAC	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 111	Health Education		2		

B. Personal Performance (1 credit)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 1xx			1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 24 26 50

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech		3		
APT 250	Industrial Safety		3		
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business		3		
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		36	9	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Civil Engineering
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name INFORMATION TECHNOLOGY SUPPORT
 Phone V1
 ID # _____
 Anticipated Grad _____ Transfer Inst: _____



**Bachelor of Applied Science
 in Technology Leadership
 Online Upper-Division Degree Completion Program**

Area of Technical Emphasis: INFORMATION TECHNOLOGY SUPPORT

	Credits		Transfer	
	CU	Transfer	From	Grade

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102		3	CCAC	

B. Mathematics Competency (3 credits)

MATH 112	Excursions in Math/SUB MAT 1XX		4	CCAC	

C. Credits to total 12 in category:

CIS 217	Appl Of Micro/CIS 150		3	CCAC	
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II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

SCI 1XX	Science Elective		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing		3		
			3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health Education		2		
---------	------------------	--	---	--	--

B. Personal Performance (1 credit)

HPE 1xx			1		
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 27 22 49

	Credits		Transfer	
	CU	Transfer	From	Grade

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting/CCAC ACTG		4	CCAC	
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/SUB CIT 111		3	CCAC	
APT 250	Industrial Safety/SUB CIT 115		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Elective**	3			
300+	Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
		33	13	46	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Information Tech Support
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:
 *Total Number of advanced standing course credits must equal or exceed 42.
 **Subject to advisor approval; must be related to major
 NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name INFORMATION TECHNOLOGY SUPPORT
 Phone V2
 ID # _____
 Anticipated Grad _____ Transfer Inst: _____



Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program

Area of Technical Emphasis: INFORMATION TECHNOLOGY SUPPORT

		Credits		Transfer	
		CU	Transfer	From	Grade

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102		3	CCAC	

B. Mathematics Competency (3 credits)

MATH 112	Excursions in Math/SUB MAT 1XX		4	CCAC	

C. Credits to total 12 in category:

CIS 217	Appl Of Micro/CIS 150		3	CCAC	
---------	-----------------------	--	---	------	--

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

SCI 1XX	Science Elective		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing		3		
			3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health Education		2		
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B. Personal Performance (1 credit)

HPE 1xx			1		
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 27 22 **49**

		Credits		Transfer	
		CU	Transfer	From	Grade

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/SUB CIT 111		3	CCAC	
APT 250	Industrial Safety/SUB CIT 115		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business/CCAC Bus Elective		3	CCAC	
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Elective**		3		
300+	Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
			33	12	45

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Information Tech Support
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
0 28 28	

Free Electives

0 0 0					

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **MANUFACTURING TECHNOLOGY**



**Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program**

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

Area of Technical Emphasis: MANUFACTURING TECHNOLOGY

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II	3			

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 114		4	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	Grade
CIS 217	Appl Of Micro/SET 105		3	CCAC

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	CU	Transfer	Grade
PHSC 112	Basic Phys Science/PHY 113		3	CCAC
MATH 1XX	MAT 116		4	CCAC
		3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	CU	Transfer	Grade
ECON 211	Prin of Macroecon		3	
ECON 212	Prin of Microecon		3	
SS 1XX	Social Science Elective		3	CCAC

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	CU	Transfer	Grade
COM 113	Public Speaking		3	
	Advanced Standing		3	
HUM 1XX	Humanities Elective		3	CCAC

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	Grade
HPE 111	Health Education		2	

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	Grade
HPE 1xx			1	

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	Grade
	Advanced Standing		3	
	Advanced Standing		3	

Total Credits from I, II, III, & Electives 27 23 50

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/SUB APT 399		3	CCAC	
APT 250	Industrial Safety		3		
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business		3		
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		33	12	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Manufacturing
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	CU	Transfer	Grade
	0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name MECHANICAL DRAFTING & DESIGN TECH
 Phone _____
 ID # _____
 Anticipated Grad _____ Transfer Inst: _____ CCAC _____



**Bachelor of Applied Science
 in Technology Leadership
 Online Upper-Division Degree Completion Program**

Area of Technical Emphasis: MECHANICAL DRAFTING AND DESIGN

	Credits		Transfer	
	CU	Transfer	From	Grade

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	Writing I/ENG 101		3	CCAC	
ENG 112	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

MATH 112	Excursions in Math/MAT 114		4	CCAC	

C. Credits to total 12 in category:

CIS 217	Appl Of Micro/SET 105		3	CCAC	
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II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

PHSC 112	Basic Phys Science/PHY 113		3	CCAC	
MATH 1XX	MAT 116		4	CCAC	
PHSC 1XX	PHY 114		3	CCAC	

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

COM 113	Public Speaking		3		
	Advanced Standing		3		
HUM 1XX	Humanities Elective		3	CCAC	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health Education		2		
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B. Personal Performance (1 credit)

HPE 1xx			1		
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 21 29 50

	Credits		Transfer	
	CU	Transfer	From	Grade

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/SUB APT 399		3	CCAC	
APT 250	Industrial Safety/SUB APT 399		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business		3		
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	

33 12 45

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis: Mechanical Drafting & Design

Institution of Technical Training: CCAC

APT299		28	CCAC
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APT399		0	28	28
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Free Electives

0 0 0

Flags:

- (V) First-Year Values Flag
- (Q) Quantitative Reasoning
- (S) Second Values Flag
- (W) Writing Intensive
- (W) Writing Intensive
- (I) Information Literacy

	ENG 111
	PHSC 112
	ECON 211 & 212

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

54 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name MECHATRONICS TECHNOLOGY



**Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program**

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

Area of Technical Emphasis: MECHATRONICS

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102 or 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 108or 191		4	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	Grade
CIS 217	Appl Of Micro	3		

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	CU	Transfer	Grade
PHSC 112	Basic Phys Sci/PHY 141 or PHS 161		3	CCAC
		3		
		3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	CU	Transfer	Grade
ECON 211	Prin of Macroecon	3		
ECON 212	Prin of Microecon	3		
PSY 1XX	PSY 101 or PSY 116		3	CCAC

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	CU	Transfer	Grade
COM 113	Public Speaking/SPH 102		3	CCAC
		3		
	Advanced Standing	3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	Grade
HPE 111	Health Education	2		

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	Grade
HPE 1xx		1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	Grade
	Advanced Standing	3		
	Advanced Standing	3		

Total Credits from I, II, III, & Electives 30 19 **49**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/SUB MEC 102		3	CCAC	
APT 250	Industrial Safety/SUB MEC 100		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Trainig		3	CCAC	
APT 399	Advanced Field Trainig		3	CCAC	
Apt 399	Advanced Field Trainig		3	CCAC	
		30	15	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	mechatronics
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	CU	Transfer	Grade
	0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **MULTIMEDIA PROGRAMMING**



Phone **SIMULATION AND GAMING**

ID # _____

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Anticipated Grad _____ Transfer Inst: **CCAC**

Area of Technical Emphasis: MULTIMEDIA PROGRAMMING, SIMULATION & GAMING

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits	Transfer	Grade
MATH 112	Excursions in Math/MAT 108	4	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits	Transfer	Grade
CIS 217	App'l Of Micro/SUB CIT 111	3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
PHSC 112	Basic Phys Science/PHY 141	3	CCAC	
		3		
		3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
ECON 211	Prin of Macroecon	3		
ECON 212	Prin of Microecon	3		
PSY 1XX	PSY 101	3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits	Transfer	Grade
COM 113	Public Speaking	3		
	Advanced Standing	3		
		3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits	Transfer	Grade
HPE 111	Health Education	2		

B. Personal Performance (1 credit)

Course	Description	Credits	Transfer	Grade
HPE 1xx		1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits	Transfer	Grade
	Advanced Standing	3		
	Advanced Standing	3		

Total Credits from I, II, III, & Electives 30 19 **49**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/SUB APT 399		3	CCAC	
APT 250	Industrial Safety/SUB APT 399		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		30	15	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Multimedia
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **NANOTECHNOLOGY**

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: **CCAC**



**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis:

NANOTECHNOLOGY

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

		Credits	Transfer		Grade
CU	Transfer		From		
ENG 110	Writing I/ENG 101	3	CCAC		
ENG 111	Writing II/ENG 102	3	CCAC		

B. Mathematics Competency (3 credits)

		Credits	Transfer		Grade
CU	Transfer		From		
MATH 112	Excursions in Math/MAT 165	4	CCAC		

C. Credits to total 12 in category:

		Credits	Transfer		Grade
CU	Transfer		From		
CIS 217	Appl Of Micro/CIT 100	3	CCAC		

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

		Credits	Transfer		Grade
CU	Transfer		From		
BIO 1XX	BIO 151	4	CCAC		
CHEM 1XX	CHM 151	4	CCAC		
MATH 1XX	MAT 111	3	CCAC		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

		Credits	Transfer		Grade
CU	Transfer		From		
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
SS 1XX	Social Science Elective3	3	CCAC		

Select from the following areas: Anth, Crim. Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

		Credits	Transfer		Grade
CU	Transfer		From		
COM 113	Public Speaking	3			
	Advanced Standing	3			
HUM 1XX	Humanities Elective	3	CCAC		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

		Credits	Transfer		Grade
CU	Transfer		From		
HPE 111	Health Education	2			

B. Personal Performance (1 credit)

		Credits	Transfer		Grade
CU	Transfer		From		
HPE 1xx		1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

		Credits	Transfer		Grade
CU	Transfer		From		
	Advanced Standing	3			

Total Credits from I, II, III, & Electives 18 30 **48**

V. Industrial Technology Major (45 Credits)

		Credits	Transfer		Grade
CU	Transfer		From		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/SUB APT 399	4	CCAC		
APT 250	Industrial Safety/SUB APT 399	3	3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Elective**	3			
300+	Elective**	3			
APT 399	Advanced Field Training	4			
		39	11	50	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Nanotechnology				
Institution of Technical Training:	CCAC				
APT299	28		CCAC		
APT399	0		28		28

Free Electives

CU	Transfer	From	Grade	
		0	0	0

Flags:

- (V) First-Year Values Flag
- (Q) Quantitative Reasoning
- (S) Second Values Flag
- (W) Writing Intensive
- (W) Writing Intensive
- (I) Information Literacy

	ENG 111
	PHSC 112
	ECON 211 & 212

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.
 **Subject to advisor approval; must be related to major
 NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name SOFTWARE DEVELOPMENT



Phone V1

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: SOFTWARE DEVELOPMENT

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 1XX		3	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
CIS 217	App'l Of Micro/CIT 115		3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
SCI 1xx	Science Elective		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing		3		
			3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 111	Health Education		2		

B. Personal Performance (1 credit)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 1xx			1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 27 21 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting/ACC 102		3	CCAC	
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech	3			
APT 250	Industrial Safety	3			
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		33	12	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Software Development
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name SOFTWARE DEVELOPMENT



Phone V2

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: SOFTWARE DEVELOPMENT

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 1XX		3	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
CIS 217	App'l Of Micro/CIT 115		3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
SCI 1xx	Science Elective		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
SS 1XX	Social Science Elective		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing		3		
			3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 111	Health Education		2		

B. Personal Performance (1 credit)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 1xx			1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 27 21 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech		3		
APT 250	Industrial Safety		3		
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business/ Business Elective		3	CCAC	
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		33	12	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Software Development
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
0 28 28	

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

58 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name AUTOMOTIVE TECHNOLOGY



**Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program**

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

Area of Technical Emphasis: AUTOMOTIVE TECHNOLOGY

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102 or ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/SUB MAT 108		3	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	From	Grade
CIS 217	Appl Of Micro	3			

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
PHSC 112	Basic Phys Science/PHS 161		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
PSY 1XX	PSY 101 or PSY 116		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing	3			
		3			

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	From	Grade
HPE 111	Health Education	2			

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	From	Grade
HPE 1xx		1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	From	Grade
	Advanced Standing	3			
	Advanced Standing	3			

Total Credits from I, II, III, & Electives 30 18 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/ATE 103		3	CCAC	
APT 250	Industrial Safety/ATE 130		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business/SUB APT 299		4	CCAC	
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	

27 22 **49**

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Auto Tech
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	CU	Transfer	From	Grade
		0	0		0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **BUILDING CONSTRUCTION ESTIMATING**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

Bachelor of Applied Science

in Technology Leadership

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: BUILDING CONSTRUCTION ESTIMATING

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 191		3	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	Grade
CIS 217	Appl Of Micro/SUB BLC 296		3	CCAC

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	CU	Transfer	Grade
PHSC 112	Basic Phys Science/PHS 161		3	CCAC
			3	
			3	

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	CU	Transfer	Grade
ECON 211	Prin of Macroecon		3	
ECON 212	Prin of Microecon		3	
			3	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	CU	Transfer	Grade
COM 113	Public Speaking/SPH 101		3	CCAC
	Advanced Standing		3	
			3	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	Grade
HPE 111	Health Education		2	

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	Grade
HPE 1xx			1	

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	Grade
	Advanced Standing		3	
	Advanced Standing		3	

Total Credits from I, II, III, & Electives 30 18 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/ SUB BLC 103		3	CCAC	
APT 250	Industrial Safety/APPRENTICESHIP		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business/BUS 101		3	CCAC	
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	
		27	21	48	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Construction Estimating
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
0 28 28	

Free Electives

Course	CU	Transfer	Grade
0 0 0			

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name BUILDING CONSTRUCTION SUPERVISION



Bachelor of Applied Science

Phone _____

in Technology Leadership

ID # _____

Online Upper-Division Degree Completion Program

Anticipated Grad _____ Transfer Inst: _____ CCAC _____

Area of Technical Emphasis: BUILDING CONSTRUCTION SUPERVISION

		Credits		Transfer	
CU	Transfer	From	Grade		

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

MATH 112	Excursions in Math/MAT 191		3	CCAC	

C. Credits to total 12 in category:

CIS 217	App'l Of Micro/SUB BLC 296		3	CCAC	
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II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

PHSC 112	Basic Phys Science/PHS 161		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
			3		

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing		3		
			3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health Education		2		
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B. Personal Performance (1 credit)

HPE 1xx			1		
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 30 18 **48**

		Credits		Transfer	
CU	Transfer	From	Grade		

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/ SUB BLC 191		3	CCAC	
APT 250	Industrial Safety/APPRENTICESHIP		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business/BUS 101		3	CCAC	
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	

27 21 **48**

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis: Construction Supervision

Institution of Technical Training: **CCAC**

APT299		28	CCAC
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APT399 _____
0 28 **28**

Free Electives

0 0 **0**

Flags:

- (V) First-Year Values Flag
- (Q) Quantitative Reasoning
- (S) Second Values Flag
- (W) Writing Intensive
- (W) Writing Intensive
- (I) Information Literacy

	ENG 111
	PHSC 112
	ECON 211 & 212

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **BUILDING CONSTRUCTION TECHNOLOGY**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: BUILDING CONSTRUCTION TECHNOLOGY

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 191		3	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	From	Grade
CIS 217	Appl Of Micro	3			

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
PHSC 112	Basic Phys Science/PHS 161		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
PSY 1XX	PSY 116		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing	3			
	Advanced Standing	3			

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	From	Grade
HPE 111	Health Education	2			

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	From	Grade
HPE 1xx		1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
GenEd 1xx	General Education Elective		3	CCAC	
GenEd 1xx	General Education Elective		3	CCAC	

Total Credits from I, II, III, & Electives 24 24 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/ SUB Bus Elective		3	CCAC	
APT 250	Industrial Safety	3			
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business/BUS 101		3	CCAC	
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Elective**	3			
300+	Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
		36	9	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Construction Technology
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	CU	Transfer	From	Grade
		0	0	0	

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **ELECTRICAL CONSTRUCTION TECH**



Phone **APPRENTICESHIP (TRACK A)**

ID #

**Bachelor of Applied Science
in Technology Leadership
Online Upper-Division Degree Completion Program**

Anticipated Grad _____ Transfer Inst: **CCAC**

Area of Technical Emphasis: Electrical Construction

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102 or 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 108		4	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	Grade
CIS 217	Appl Of Micro/CIT 100 or Elective		3	CCAC

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	CU	Transfer	Grade
PHSC 112	Basic Phys Science/PHY 100		4	CCAC
			3	
			3	

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	CU	Transfer	Grade
ECON 211	Prin of Macroecon		3	
ECON 212	Prin of Microecon		3	
PSY 1XX	PSY 116		3	CCAC

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	CU	Transfer	Grade
COM 113	Public Speaking/SPH 101		3	CCAC
	Advanced Standing		3	
			3	

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	Grade
HPE 111	Health Education		2	

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	Grade
HPE 1xx			1	

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	Grade
	Advanced Standing		3	
	Advanced Standing		3	

Total Credits from I, II, III, & Electives 27 23 50

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/SUB APT 299		3	CCAC	
APT 250	Industrial Safety/SUB APT 299		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business		3		
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Elective**		3		
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		33	12	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Electrical Construction
Institution of Technical Training:	CCAC
APT299	28 CCAC
0 28 28	

Free Electives

Course	Description	CU	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **ELECTRICAL DISTRIBUTION TECHNOLOGY**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: Electrical Distribution Technology

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 191		3	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
CIS 217	Appl Of Micro/CIT 115		3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
PHSC 112	Basic Phys Science/PHY 100		4	CCAC	
			3		
	Advanced Standing		3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
PSY 1XX	PSY 100		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking/SPH 101		3	CCAC	
			3		
	Advanced Standing		3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 111	Health Education		2		

B. Personal Performance (1 credit)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
HPE 1xx			1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
GE 1XX	General Education Elective		3	CCAC	
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 24 25 **49**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting		3		
ACTG 252	Managerial Accounting		3		
APT 120	Intro to Indus Tech/APT 299		3	CCAC	
APT 250	Industrial Safety/EDT 107		3	CCAC	
APT 301	Issues in Applied Tech		3		
FIN 370	Financial Management		3		
MGMT 120	Intro to Business		3		
MGMT 320	MGMT Theory & Pract		3		
MKTG 360	Principles of Marketing		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Business Elective**		3		
300+	Elective**		3		
300+	Elective**		3		
300+	Elective**		3		
		39	6	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Electrical Distribution
Institution of Technical Training:	CCAC
APT299	29 CCAC
APT399	
0 29 29	

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

63 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **FACILITIES MAINTENANCE TECHNOLOGY**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: Facilities Maintenance Technology

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102 or 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 191		3	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	From	Grade
CIS 217	Appl Of Micro	3			

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	CU	Transfer	From	Grade
PHSC 112	Basic Phys Science/PHS 161		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	CU	Transfer	From	Grade
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
PSY 1XX	PSY 101 or 116		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	CU	Transfer	From	Grade
COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing	3			
		3			

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	From	Grade
HPE 111	Health Education	2			

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	From	Grade
HPE 1xx		1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	From	Grade
	Advanced Standing	3			
	Advanced Standing	3			

Total Credits from I, II, III, & Electives 30 18 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/APT 299		3	CCAC	
APT 250	Industrial Safety/APT 299		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		30	15	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Facilities Maintenance
Institution of Technical Training:	CCAC
APT299	28 CCAC
	0 28 28

Free Electives

Course	Description	CU	Transfer	From	Grade
		0	0	0	

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **HEATING AND AIR CONDITIONING**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: Heating & Air Conditioning

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
MATH 112	Excursions in Math/MAT 191		3	CCAC	

C. Credits to total 12 in category:

Course	Description	CU	Transfer	From	Grade
CIS 217	Appl Of Micro	3			

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
PHSC 112	Basic Phys Science/PHS 161		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ECON 211	Prin of Macroecon	3			
ECON 212	Prin of Microecon	3			
PSY 1XX	PSY 116		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing	3			
		3			

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	CU	Transfer	From	Grade
HPE 111	Health Education	2			

B. Personal Performance (1 credit)

Course	Description	CU	Transfer	From	Grade
HPE 1xx		1			

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	CU	Transfer	From	Grade
	Advanced Standing	3			
	Advanced Standing	3			

Total Credits from I, II, III, & Electives 30 18 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/APT 299		3	CCAC	
APT 250	Industrial Safety/APT 299		3	CCAC	
APT 301	Issues in Applied Tech/SUB APT 399		3	CCAC	
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	

27 20 **47**

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Credits	Transfer	Grade
Heating & Air Conditioning			
Institution of Technical Training:	CCAC		
APT299	28	CCAC	
	0	28	28

Free Electives

Course	Description	CU	Transfer	From	Grade
		0	0		0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **MANUFACTURER AUTO SERVICE PROGRAM**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC

**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: AUTOMOTIVE SERVICE

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102 or ENG		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits	Transfer	Grade
MATH 112	Excursions in Math/MAT 108	3	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits	Transfer	Grade
CIS 217	Appl Of Micro	3		

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
PHSC 112	Basic Phys Science/PHS 161	3	CCAC	
		3		
		3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
ECON 211	Prin of Macroecon	3		
ECON 212	Prin of Microecon	3		
PSY 1xx	PSY 101 or PSY 116	3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits	Transfer	Grade
COM 113	Public Speaking/SPH 101	3	CCAC	
	Advanced Standing	3		
		3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits	Transfer	Grade
HPE 111	Health Education	2		

B. Personal Performance (1 credit)

Course	Description	Credits	Transfer	Grade
HPE 1xx		1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits	Transfer	Grade
	Advanced Standing	3		
	Advanced Standing	3		

Total Credits from I, II, III, & Electives 30 18 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/ATE 103		3	CCAC	
APT 250	Industrial Safety/ATE 130		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business/SUB APT 299		3	CCAC	
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	

27 21 **48**

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Auto Service
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name SHEET METAL WORKER APPRENTICESHIP
 Phone _____
 ID # _____
 Anticipated Grad _____ Transfer Inst: _____ CCAC _____



**Bachelor of Applied Science
 in Technology Leadership
 Online Upper-Division Degree Completion Program**

Area of Technical Emphasis: SHEET METAL WORKER

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits	Transfer	Grade
MATH 112	Excursions in Math/MAT 108 or 191	3	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits	Transfer	Grade
CIS 217	Appl Of Micro/SUB SHM 209	3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
PHSC 112	Basic Phys Science/PHS 161	3	CCAC	
		3		
		3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
ECON 211	Prin of Macroecon	3		
ECON 212	Prin of Microecon	3		
PSY 1XX/HIST	PSY 116 or HIST 151	3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits	Transfer	Grade
COM 113	Public Speaking/SPH 101	3	CCAC	
	Advanced Standing	3		
	Advanced Standing	3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits	Transfer	Grade
HPE 111	Health Education	2		

B. Personal Performance (1 credit)

Course	Description	Credits	Transfer	Grade
HPE 1xx		1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits	Transfer	Grade
	Advanced Standing	3		
	Advanced Standing	3		

Total Credits from I, II, III, & Electives 27 21 **48**

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/ SUB APT 299		3	CCAC	
APT 250	Industrial Safety/SUB APT 299		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		3	CCAC	
		30	15	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Sheet Metal Worker
Institution of Technical Training:	CCAC
APT299	28 CCAC
APT399	
	0 28 28

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:
 *Total Number of advanced standing course credits must equal or exceed 42.
 **Subject to advisor approval; must be related to major
 NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

57 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name **STATIONARY OPERATING ENGINEER**



Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: **CCAC**

Bachelor of Applied Science

in Technology Leadership

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: STATIONARY OPERATING ENGINEER

	Credits		Transfer	
	CU	Transfer	From	Grade

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 103		3	CCAC	

B. Mathematics Competency (3 credits)

MATH 112	Excursions in Math/MAT 108 or 191		3	CCAC	

C. Credits to total 12 in category:

CIS 217	Appl Of Micro/CIT 100		3	CCAC	
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II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

PHSC 112	Basic Phys Science/PHS 161		3	CCAC	
			3		
			3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

ECON 211	Prin of Macroecon		3		
ECON 212	Prin of Microecon		3		
PSY 1XX/HIST	PSY 116 or HIST 151		3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

COM 113	Public Speaking/SPH 101		3	CCAC	
	Advanced Standing		3		
	Advanced Standing		3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

HPE 111	Health Education		2		
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B. Personal Performance (1 credit)

HPE 1xx			1		
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IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

	Advanced Standing		3		
	Advanced Standing		3		

Total Credits from I, II, III, & Electives 27 21 **48**

	Credits		Transfer	
	CU	Transfer	From	Grade

V. Industrial Technology Major (45 Credits)

ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/ SUB APT 299		3	CCAC	
APT 250	Industrial Safety/SUB APT 299		3	CCAC	
APT 301	Issues in Applied Tech		3	CCAC	
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
APT 399	Advanced Field Training		3	CCAC	
APT 399	Advanced Field Training		4	CCAC	
APT 399	Advanced Field Training		4	CCAC	

27 20 **47**

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis: Stationary Operating Engineer

Institution of Technical Training: **CCAC**

APT299		28	CCAC
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APT399		0	28	28
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Free Electives

0 0 **0**

Flags:

- (V) First-Year Values Flag
- (Q) Quantitative Reasoning
- (S) Second Values Flag
- (W) Writing Intensive
- (W) Writing Intensive
- (I) Information Literacy

	ENG 111
	PHSC 112
	ECON 211 & 212

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

54 CREDITS REMAINING FOR DEGREE COMPLETION

Curriculum Check Sheet

Dept. of Justice, Law, Technology & Liberal Arts

Name WELDING TECHNOLOGY

Phone _____

ID # _____

Anticipated Grad _____ Transfer Inst: CCAC



**Bachelor of Applied Science
in Technology Leadership**

Online Upper-Division Degree Completion Program

Area of Technical Emphasis: WELDING TECHNOLOGY

I. Liberal Education Skills (12 Credits)

A. English Composition (3-6 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ENG 110	Writing I/ENG 101		3	CCAC	
ENG 111	Writing II/ENG 102 or 103		3	CCAC	

B. Mathematics Competency (3 credits)

Course	Description	Credits	Transfer	Grade
MATH 112	Excursions in Math/MAT 108 or 191	3	CCAC	

C. Credits to total 12 in category:

Course	Description	Credits	Transfer	Grade
CIS 217	App'l Of Micro/CIT 100	3	CCAC	

II. Liberal Knowledge (27 Credits) At least 2 disciplines in each category

A. Physical & Biological Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
PHSC 112	Basic Phys Science/PHS 100 or 161	3	CCAC	
		3		
	Advanced Standing	3		

Select from the following areas: Biology, Chemistry, Earth Science, Math, Physical Sci, Physics

B. Social & Behavior Sciences (9 credits)

Course	Description	Credits	Transfer	Grade
ECON 211	Prin of Macroecon	3		
ECON 212	Prin of Microecon	3		
PSY 1XX/HIST	PSY 101 or 116	3	CCAC	

Select from the following areas: Anth, Crim, Justice, Econ, Geography, History, Pol. Sci, Psych, Soc.

C. Arts & Humanities (9 credits)

Course	Description	Credits	Transfer	Grade
COM 113	Public Speaking/SPH 101	3	CCAC	
	Advanced Standing	3		
	Advanced Standing	3		

Select from the following areas: Art, Eng Language & Lit, Humanities, Foreign Language, Music, Phil, Speech.

III. Health and Personal Performance (3 credits)

A. Health & Wellness (2 credits)

Course	Description	Credits	Transfer	Grade
HPE 111	Health Education	2		

B. Personal Performance (1 credit)

Course	Description	Credits	Transfer	Grade
HPE 1xx		1		

IV. General Education Electives to total 48 Credits. Only 1 credit from III.B. allowed

Course	Description	Credits	Transfer	Grade
GE 1XX	General Elective	3	CCAC	
GE 1XX	General Elective	3	CCAC	

Total Credits from I, II, III, & Electives 21 27 48

V. Industrial Technology Major (45 Credits)

Course	Description	Credits		Transfer	Grade
		CU	Transfer		
ACTG 251	Financial Accounting	3			
ACTG 252	Managerial Accounting	3			
APT 120	Intro to Indus Tech/ SUB APT 299		3	CCAC	
APT 250	Industrial Safety/SUB APT 299		3	CCAC	
APT 301	Issues in Applied Tech	3			
FIN 370	Financial Management	3			
MGMT 120	Intro to Business	3			
MGMT 320	MGMT Theory & Pract	3			
MKTG 360	Principles of Marketing	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Business Elective**	3			
300+	Elective**	3			
300+	Elective**	3			
300+	Elective**	3			
		39	6	45	

VI. Industrial Field Training (28 Credit Hours Required)

Area of Emphasis:	Welding Technology
Institution of Technical Training:	CCAC
APT299	29 CCAC
APT399	
	0 29 29

Free Electives

Course	Description	Credits	Transfer	Grade
		0	0	0

Flags:

(V) First-Year Values Flag	ENG 111
(Q) Quantitative Reasoning	PHSC 112
(S) Second Values Flag	ECON 211 & 212
(W) Writing Intensive	
(W) Writing Intensive	
(I) Information Literacy	

B.S. in Industrial Technology Credit Summary	CU	Transfer	Total Credits
I. Liberal Skills			12
II. Liberal Knowledge			27
III. Health & Personal Performance			3
IV. General Education Electives			6
V. Industrial Technology Major			45
VI. Industrial Field Training			28
Total Program Hours			121

Notes:

*Total Number of advanced standing course credits must equal or exceed 42.

**Subject to advisor approval; must be related to major

NOTE: When scheduling electives be sure to keep remaining FLAGS in mind.

60 CREDITS REMAINING FOR DEGREE COMPLETION