Dual Enrollment –Air Conditioning and Refrigeration

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
AIR 117 (3 cr.) Metal Layout
SAF 130 (1 cr.) Industrial Safety OSHA 10
Elective
Elective

12th Grade
English 12
US Government
Science
DRF 114 (3 cr.) Drafting I (sub for AIR 118)
AIR 161 (3 cr.) A.C. Calculations
AIR 121 (3 cr.) Refrigeration I
SDV 100 – (1 cr.) College Success Skills
AIR 276 (1 cr.) EPA Certification

Total college credits earned: 15 credits

Industry credentials: OSHA 10 / EPA Certification

Tuition saved: $ 2250

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment – Air Conditioning and Refrigeration

Courses taken at DCC   Credential earned: Certificate – Air Conditioning and Refrigeration Servicing

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER
AIR 134 (3 cr.) Circuits I	AIR 122 (3 cr.) Refrigeration II	AIR 156 (3 cr.) Heating Systems III
AIR 154 (3 cr.) Heating Systems I	AIR 155 (3 cr.) Heating Systems II	AIR 273 (3 cr.) Refrigeration III
ENG 131 (3 cr.) Technical Report Writing	AIR 135 (3 cr.) Circuits II	AIR 136 (3 cr.) Circuits III
HUM 165 (3 cr.) Controversial Issues	MKT 170 (1 cr.) Customer Relations	
ITE 116 (2 cr.) Survey of Computer Software Applications		

Length of program: 1 year
Total credits earned at DCC: 25 (Total Credits – 41)
Industry credentials: EPA Certification, OSHA 10,
College Degree: Air Conditioning and Refrigeration Servicing Certificate

For more information, contact:
Workforce Services and Industrial Studies Division, 434-797-8440 or 434-797-8430

Dual Enrollment –Air Conditioning and Refrigeration

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science
Algebra I or Geometry	PE10	Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	DRF 114 (3 cr.) Drafting I (sub for AIR 118)
P.E. 9	Elective	AIR 117 (3 cr.) Metal Layout	AIR 161 (3 cr.) A.C. Calculations
Elective	Elective	SAF 130 (1 cr.) Industrial Safety OSHA 10	AIR 121 (3 cr.) Refrigeration I
Elective	Elective		SDV 100 – (1 cr.) College Success Skills
Elective	Elective		AIR 276 (1 cr.) EPA

Total college credits earned: **15 credits**

Industry credentials: OSHA , EPA Certification

Highlighted courses earn college credit

Tuition saved: $ 2250

Turn over to see how to finish your degree at DCC!

Dual Enrollment – Air Conditioning and Refrigeration

Courses taken at DCC   **Credential earned: Diploma – Air Conditioning and Refrigeration**

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER	FALL SEMESTER	SPRING SEMESTER II
AIR 134 (3 cr.) Circuits I	AIR 135 (3 cr.) Circuits II	AIR 122 (3 cr.) Refrigeration II	AIR 137 (3 cr.) Electronic Survey	AIR 232 (3 cr.) Circuits V
AIR 154 (3 cr.) Heating Systems I	AIR 155 (3 cr.) Heating Systems II	AIR 136 (3 cr.) Circuits III	AIR 167 (3 cr.) A.C. Systems III	AIR 255 (3 cr.) A.C. Systems V
ENG 131 (3 cr.) Technical Report Writing	AIR 165 (3 cr.) A.C. Systems I	AIR 156 (3 cr.) Heating Systems III	AIR 231 (3 cr.) Circuits IV	AIR 295 (1 cr.) Green Technology
ECO 100 (3 cr.) Economics	HUM 165 (3 cr.) Controversial Issues	AIR 254 (3 cr.) A.C. Systems IV	AIR 273 (3 cr.) Refrigeration III	
ITE 116 (2 cr.) Survey of Computer Software Applications				

Length of program: **2 years**
Total credits earned at DCC: **58**   **(Total 73)**
Industry credential: EPA Certification, OSHA 10
College Degree: Air Conditioning and Refrigeration Diploma

For more information, contact:
Workforce Services and Industrial Studies Division, 434-797-8440 or 434-797-8430

Dual Enrollment – Admin. Support Technology

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	PE10		Elective
Elective	Elective		Elective
Elective	Elective	Elective	ITE 115- Introduction to Computer Applications and Concepts
Elective	Elective	Elective	
	Elective	AST 238/239- Word Processing Advanced Operations with Lab	AST 253/255- Advanced Desktop Publishing with Lab
		Elective	

Total college credits earned: **9**

*Highlighted courses earn college credit

Tuition saved: $1350

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Dual Enrollment – Admin. Support Technology

Courses taken at DCC • Credential earned: Associate degree in Administrative Support Technology- General Office

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100-College Success Skills	AST 113- Keyboarding for Speed and Accuracy	ACC 111- Accounting I	ACC 110- Intro to Computerized Accounting- Peachtree
ENG 134- Grammar for Writing and Speaking	AST 102/104- Keyboarding II with Lab	ITD 115- Web Page Design and Site Management	BUS 235- Business Letter Writing
BUS 121- Business Math I	AST 234- Records and Database Management	ITE 140- Spreadsheet Software	AST 205- Business Communications
AST 243- Office Administration I	ENG 135- Applied Grammar	ITE 150- Database Software	SPA 103- Basic Spoken Spanish
AST 101/103- Keyboarding I with Lab	AST 244- Office Administration II	HLT/PED- Health/Physical Education Elective	SDV 106- Job Search Strategies
	ECO 100- Elementary Economics		Science or Math Elective

Length of program: 2 years

Total credits earned at DCC: 56

Industry credentials: Microsoft Office Specialization; Office Proficiency

Assessment Certification

For more information, contact:
Division of Arts, Sciences and
Business, 434-797-8474

Dual Enrollment – Admin. Support Technology

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
Elective
Elective
AST 238/239- Word Processing Advanced Operations with Lab
Elective

12th Grade
English 12
US Government
Science Elective
Elective
Elective
Elective
ITE 115- Introduction to Computer Applications and Concepts

Total college credits earned: 6

Tuition saved: $900

Highlighted courses earn college credit

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Dual Enrollment – Admin. Support Technology

Courses taken at DCC • Credential earned: Associate degree in Administrative Support Technology- Medical Office Coding

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100-College Success Skills	HIM 143- Managing Electronic Billing- Medical Practice	HIM 130- Health Information Systems	AST 243- Office Administration I	HLT/PED- Health/Physical Education Elective
ENG 134- Grammar for Writing and Speaking	AST 102/104- Keyboarding II with Lab	HIM 107- ICD-10-CM Coding II	HIM 105- CPT Coding	AST 244- Office Administration II
HLT 143- Medical Terminology I	AST 234- Records and Database Management		HIM 253- Health Records Coding	ECO 100- Elementary Economics
BIO 100- Basic Human Biology	ENG 135- Applied Grammar		HIM 226- Legal Aspects of Health Records Documents	SPA 103- Basic Spoken Spanish
AST 101/103- Keyboarding I with Lab	HLT 144- Medical Terminology II			SDV 106- Job Search Strategies
	HIM 106- ICD-10-CM Coding I			BUS 121- Business Math I

Length of program: 2 years
Total credits earned at DCC: 59
Industry credentials: Microsoft Office Specialization; Office Proficiency

Assessment Certification; Medical Billing & Coding Certification

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

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Dual Enrollment – Admin. Support Technology

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	PE10		Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	AST 238/239- Word Processing Advanced Operations with Lab	ITE 115- Introduction to Computer Applications and Concepts
	Elective	Elective	

Total college credits earned: **6**   **Tuition saved: $900**

Highlighted courses earn college credit   ***Turn over to see how to finish your degree at DCC!***

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Dual Enrollment – Admin. Support Technology

Courses taken at DCC • Credential earned: Associate degree in Administrative Support Technology- Medical Office

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100-College Success Skills	HIM 143- Managing Electronic Billing- Medical Practice	HIM 130- Health Information Systems	AST 243- Office Administration I	HLT/PED- Health/Physical Education Elective
ENG 134- Grammar for Writing and Speaking	AST 102/104- Keyboarding II with Lab		ITD 115- Web Page Design and Site Management	
			BUS 121- Business Math I	AST 244- Office Administration II
HLT 143- Medical Terminology I	AST 234- Records and Database Management			ECO 100- Elementary Economics
BIO 100- Basic Human Biology	ENG 135- Applied Grammar		ITE 150- Database Software	SPA 103- Basic Spoken Spanish
AST 101/103- Keyboarding I with Lab	HLT 144- Medical Terminology II		HIM 226- Legal Aspects of Health Records Documents	SDV 106- Job Search Strategies
				ITE 140- Spreadsheet Software

Length of program: 2 years

Total credits earned at DCC: 58

Industry credentials: Microsoft Office Specialization; Office Proficiency

Assessment Certification

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment –Automotive Analysis and Repair

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science
Algebra I or Geometry	PE10	Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	Elective	AUT 130 (3 cr.) Introduction to Auto Mechanics	AUT 121 (3 cr.) Automotive Fuel Systems I
Elective	Elective	AUT 111 (3 cr.) Automotive Engines I	SDV 100 (1 cr.) College Success Skills
Elective	Elective	AUT 127 (3 cr.) Auto Lubrication and Cooling Systems	Elective
Elective	Elective	AUT 265 (3 cr.) Automotive Braking Systems	Elective

Total college credits earned: 17 credits

Industry credentials: ASE Student Certification in: Brakes, Engine Repair

College Degree: Automotive Analysis and Repair Fundamentals CSC

Tuition saved: $ 2550

Dual Enrollment – Automotive Analysis and Repair

Courses taken at DCC

Credential earned: Diploma – Automotive Analysis and Repair

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER	FALL SEMESTER	SPRING SEMESTER II
AUT 112 – (3 cr.) Automotive Engines II	AUT 241 - (4 cr.) Automotive Electricity I	AUT 230 – (3 cr.) Introduction to Alternative Fuels	AUT 122 – (4 cr.) Auto Fuel Systems II	AUT 178 – (4 cr.) Automotive Final Drive and Manual Transmissions Systems
ENG 131 – (3 cr.) Technical Report Writing	AUT 242 – (4 cr.) Automotive Electricity II	AUT 236 – (4 cr.) Auto Climate Control	AUT 136 – (2 cr.) Auto Vehicle Inspection	AUT 212 – (4 cr.) Automotive Systems IV
HUM 165 – (3 cr.) Controversial Issues	ECO 100 – (3 cr.) Elementary Economics	AUT 266 – (4 cr.) Auto Alignment, Suspension and Steering	AUT 211 – (4 cr.) Automotive Systems III	AUT 251 – (4 cr.) Automatic Transmissions I
			AUT 237 – (2 cr.) Automotive Accessories	

Length of program: 2 years

Total credits earned at DCC: 64 (Total 72)

Industry credentials: Suspension & Steering-AT, Manual Drive Train & Axles-AT. Maintenance & Light Repair– AT, Heating and Air Conditioning– AT, Engine Repair-AT, Brakes-AT, Automatic Transmission/Transaxle– AT, Engine Electrical-AT, Engine Performance

For more information, contact: Workforce Services and Industrial Studies Division, 434-797-8440 or 434-797-8430

Dual Enrollment –Business Administration

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
ENG 111 & 112- College Composition I & II
US History
Economics & Personal Finance
MTH 163 & 164- Precalculus I & II
Elective
Elective
Elective

12th Grade
ENG 243 & 244- Survey of English Literature I & II
US Government
BIO 101 & 102- General Biology I & II (*only at Dan River)
Elective
Elective
Elective
Elective

Total college credits earned: 18 (26 at Dan River)

Tuition saved: $2700 (3900)

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

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Dual Enrollment – Business Administration

Courses taken at DCC • **Credential earned: Associate degree in Business Administration**

FALL SEMESTER	SPRING SEMESTER
SDV 100- College Success Skills	BIO 102- General Biology II **OR** CHM 102- Introductory Chemistry II **OR** CHM 112- General Chemistry II **OR** GOL 106- Physical Geology
BIO 101- General Biology I **OR** CHM 101- Introductory Chemistry I **OR** CHM 111- General Chemistry I **OR** GOL 105- Physical Geology	HIS 102- History of Western Civilization II **OR** HIS 122- United States History II
HIS 101- History of Western Civilization I **OR** HIS 121- United States History I	MTH 271- Applied Calculus
	BUS 147- Introduction to Business Information Systems

FALL SEMESTER II	SPRING SEMESTER II
ACC 211- Principles of Accounting I	ACC 212- Principles of Accounting II
BUS 221- Business Statistics I	BUS 227- Quantitative Methods
ECO 201- Principles of Macroeconomics	ECO 202- Principles of Microeconomics
Social Science Elective	Elective
PED/HLT- Physical Ed/Health	

Length of program: 2 years

Total credits earned at DCC: 46 (38 if BIO 101-102 taken at Dan River)

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment –Business Management-Automotive Management

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall/ PCTC

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111- College Composition I	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	SDV 100 – College Success Skills
P.E. 9	PE10		AUT 121 – Automotive Fuel Systems
Elective	BUS 100- Introduction to Business	AUT 111 Auto Engines I	BUS 240- Intro to Business Law
Elective	ITE 115- Intro to Computer Applications and Concepts	AUT 130 Intro to Auto Mechanics	
Elective	Elective	AUT 127 Auto Lube & Cooling Systems	
	Elective	AUT 265 Auto Braking Systems	

Total college credits earned: 28   **Tuition saved: $4200**

Industry Credentials: ASE Student Certification: Brakes, Engine Repair

Highlighted courses earn college credit   *Turn over to see how to finish your degree at DCC!*

Dual Enrollment – Business Management-Automotive Management

Courses taken at DCC • **Credential earned: Associate degree in Business Management—Automotive Management.**

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
AST 117- Keyboarding for Computer Usage	ECO 120- Survey of Economics	ACC 111- Accounting I	ACC 110- Introduction to Computerized Accounting
BIO 100- Basic Human Biology	ENG 115- Technical Writing	HLT/PED- Health or Physical Education Elective	BUS 149- Workplace Ethics
BUS 121- Business Mathematics I	ITE 215- Advanced Computer Applications & Integration	HUM 198- Seminar & Project in Humanities	MKT 170- Customer Service
			BUS 200- Principles of Management
			BUS 205- Human Resource Management
			BUS 108- Business Etiquette

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Length of program: 2 years
Total credits earned at DCC: 39

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment –Business Management – Management Specialization

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
ENG 111 & 112- College Composition I & II
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
Elective
BUS 100- Introduction to Business
ITE 115- Intro to Computer Applications and Concepts

12th Grade
English 12
US Government
Science Elective
Elective
Elective
Elective
MKT 100- Principles of Marketing
BUS 240- Business Law

Total college credits earned: 18

Tuition saved: $2700

Highlighted courses earn college credit

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Dual Enrollment –Business Management – Management Specialization

Courses taken at DCC • Credential earned: Associate degree in Business Management—Management Specialization

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	BUS 200- Principles of Management	ACC 111- Accounting I	ACC 110- Intro to Computerized Accounting
AST 117- Keyboarding for Computer Usage	BUS 122- Business Mathematics II	BUS 165- Small Business Management	BIO 100- Basic Human Biology
BUS 121- Business Mathematics I	ECO 120- Survey of Economics	BUS 220- Introduction to Business Statistics	BUS 205- Human Resource Management
	BUS 236- Communication in Management	HLT/PED- Health or Physical Education Elective	BUS 298- Seminar & Project in Business
	ITE 215- Advanced Computer Applications & Integration	HUM 198- Seminar & Project in Humanities	BUS 149- Workplace Ethics
			MKT 170- Customer Service
			BUS 209- Continuous Quality Improvement
			BUS 108- Business Etiquette

Length of program: 2 years
Total credits earned at DCC: 54

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment –Business Management- Project Management

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	PE10		Elective
Elective	Elective	Elective	ACC 111- Accounting I
Elective	Elective	BUS 100- Introduction to Business	ITE 115- Introduction to Computer Applications and Concepts
Elective	Elective	Elective	MKT 100- Principles of Marketing
	Elective		

Total college credits earned: 18

Tuition saved: $2700

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

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Dual Enrollment – Business Management-Project Management

Courses taken at DCC • **Credential earned: Associate degree in Business Management- Project Management**

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	BUS 200- Principles of Management	ITP 170- Project Management (IT)	ACC 110- Intro to Computerized Accounting
AST 117- Keyboarding for Computer Usage	BUS 122- Business Mathematics II	BUS 206- Advanced Project Management	BIO 100- Basic Human Biology
BUS 121- Business Mathematics I	BUS 236- Communication in Management	BUS 220- Intro to Business Statistics	BUS 298- Seminar and Project in Business
ECO 120- Survey of Economics	BUS 204- Project Management	HUM 198- Seminar & Project in Humanities	BUS 298- Topics in CAPM Exam Preparation
HLT/PED- Health or Physical Education Elective			BUS 149- Workplace Ethics
			MKT 170- Customer Service
			BUS 209- Continuous Quality Improvement
			BUS 108- Business Etiquette

Length of program:

Total credits earned at DCC: 51

Industry credentials: Student will be prepared to sit for Project Management Institute's Certified Associate in Project Management (CAPM) certification exam

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment – Criminal Justice

2017-18 ACADEMIC YEAR
Courses taken at Pittsylvania Career and Technical Center

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Science Elective
Algebra I or Geometry			Economics & Personal Finance
P.E. 9	PE10	ADJ 100- Survey of Criminal Justice	Elective
Elective	Elective	ADJ 116- Special Enforcement Topics	Elective
Elective	Elective		Elective
Elective	Elective		ITE 115- Introduction to Computer Applications and Concepts
	Elective		

Total college credits earned: **15**   **Tuition saved: $2250**

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment –Criminal Justice

Courses taken at DCC   **Credential earned: Associate degree in Administration of Justice**

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100-College Success Skills	NAS 105-Natural Science Topics for Modern Society or Other Approved Lab or Math course	PSY 200-Principles of Psychology or PSY 201-Intro. To Psychology I	HUM 165-Controversial Issues in American Society or CST 100-Principles of Public Speaking
SOC 200-Principles of Sociology or SOC 201-Intro to Sociology I	SOC 202-Intro to Sociology II or Approved Sophomore-Level Sociology	Non-ADJ Elective	ADJ 296-Internship
ADJ 130-Intro to Criminal Law	ADJ 131-Legal Evidence	SPA 103-Basic Spoken Spanish or Approved Spanish Class	SOC 236-Criminology
	ADJ 227-Constitutional Law	SOC 235-Juvenile Delinquency	ADJ 215-Report Writing
	ADJ 236-Principles Of Criminal Investigation	ADJ 171-Forensic Science	PED/HLT-Approved Wellness Elective

Length of program: **2 years**

Total credits earned at DCC: **53**

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8402

Dual Enrollment – Electrical Electronics Engineering

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
PE 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
ELE 113 (3 cr.)Basic Electricity I
ELE 123 (2 cr.) Electrical Applications I
ELE 110 (3 cr.) Home Electric Power (sub for Elective

12th Grade
English 12
US Government
Science
Elective
ELE 152 (3 cr.) Calculations
ELE 156 (3 cr.) Electrical Control Systems
SDV 100 – (1 cr.) College Success Skills
IND 243 (3 cr.) Principles and Applications of Mechatronics (sub for ELE 198)

Total college credits earned: 18 credits

Tuition saved: $ 2700

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment – Electrical Electronic Engineering

Courses taken at DCC   **Credential earned: Diploma – Electrical Electronic Engineering Technology**

SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4	SEMESTER 5
ELE 114 (3 cr.) Basic Electricity II	ETR 142 (3 cr.) Electronics II	ECO 100 (3 cr.) Elementary Economics	ETR 243 (4 cr.) Digital, Analog, and Data Communications	ETR 136 (3 cr.) Industrial Electronic Systems
ELE 124 (2 cr.) Electrical Applications II	ETR 152 (3 cr.) Electronics Circuits Troubleshooting II	ETR 255 (3 cr.) Active Devices and Circuits	CST 100 (3 cr.) Principles of Public Speaking	ETR 241 (3 cr.) Electronics Communications
ETR 141 (3 cr.) Electronics I	ETR 124 (2 cr.) Electronics Applications II	ELE 216 (3 cr.) Industrial Electricity	ELE 239 (3 cr.) Programmable Logic Controllers	
ETR 123 (2 cr.) Electronics Applications I	HLT/PED (1 cr.) Elective	ETR 282 (3 cr.) Digital Systems I	ELE 217 (2 cr.) Electric Power Utilities	
ETR 151 (2 cr.) Electronic Circuits Troubleshooting I	ITE 116 (2 cr.) Survey of Computer Software Applications	ELE 158 (1 cr.) Surface Mount Soldering		
ETR 153 (3 cr.) Calculations II				
ENG 131 (3 cr.) Technical Report Writing				

Length of program: **2 Full Years**

Total credits earned at DCC: **54   (Total 73)**

College Credentials: Electrical Electronic Engineering - Diploma

Dual Enrollment – Engineering

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	ENG 243 & 244- Survey of English Literature I & II
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry	PE10	MTH 163 & 164- Precalculus I & II	Elective
P.E. 9	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
	Elective		
	Elective		

Total college credits earned: **18**   **Tuition saved: $2700**

Highlighted courses earn college credit   ***Turn over to see how to finish your degree at DCC!***

Dual Enrollment –Engineering

Courses taken at DCC   **Credential earned: Associate degree in Engineering**

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 101-Orientation to Engineering	PHY 241- University Physics I	MTH 277- Vector Calculus	MTH 279- Ordinary Differential Equations
MTH 173- Calculus with Analytical Geometry I	MTH 174- Calculus with Analytical Geometry II	PHY 242- University Physics II	EGR 245- Engineering Mechanics- Dynamics
EGR 120- Introduction to Engineering	CHM 112- General Chemistry II	EGR 140- Engineering Mechanics- Statics	EGR 246- Mechanics of Materials
CHM 111- General Chemistry I	PED/HLT- Approved Wellness Elective		Social Science Elective
EGR 126- Computer Programming for Engineers		Social Science Elective	

Length of program: **2 years**

Total credits earned at DCC: **54**

For more information, contact:

Division of Arts, Sciences and Business, 434-797-8402

Dual Enrollment – Industrial Electrical Principles

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	ELE 152 (3 cr.) Calculations
Algebra I or Geometry	PE10	Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	ELE 156 (3 cr.) Electrical Control Systems
P.E. 9	Elective	ELE 113 (3 cr.)Basic Electricity I	SDV 100 – (1 cr.) College Success Skills
Elective	Elective	ELE 123 (2 cr.) Electrical Applications I	
Elective	Elective		
	Elective		

Total college credits earned: 12 credits

Industry credentials: NA

Tuition saved: $ 1800

Dual Enrollment - Industrial Electrical Principles

Courses taken at DCC   **Credential earned: Certificate – Industrial Electrical Principles**

SEMESTER
ELE / ETR (3 cr.) Elective
ENG 131 (3 cr.) Technical Report Writing
ECO 100 (3 cr.) Elementary Electronics
ELE / ETR (3 cr.) Elective
ELE 114 (3 cr.) Basic Electricity II
ELE / ETR (3 cr.) Elective
ITE 116 (2 cr.) Survey of Computer Software Applications

SEMESTER
ELE 217 (2 cr.) Power Utilities
ELE 124 (2 cr.) Electrical Applications II
ETR 153 (3 cr.) Calculations II
ELE 190 (3 cr.) Coordinated Internship
ELE / ETR (3 cr.) Elective

Length of program: **1 Full Years**
Total credits earned at DCC: **29   (Total 42)**
Industry credentials:

For more information, contact:
Workforce Services and Industrial Studies Division, 434-797-8440 or 434-797-8430

Dual Enrollment – Industrial Electonics Principles

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus

12th Grade
English 12
US Government
Science
Elective
ELE 152 (3 cr.) Calculations
SDV 100 – (1 cr.) College Success Skills

Total college credits earned: 4 credits
Industry credentials:

Tuition saved: $ 600

Dual Enrollment – Industrial Electronics Principles

Courses taken at DCC

Credential earned: Certificate – Industrial Electronics Principles

SEMESTER
ETR 141 (3 cr.) Electronics I
ETR 190 (4-6 cr.) Coordinated Internship
ENG 131 (3 cr.) Technical Report Writing
ELE/ETR (3 cr.) Approved Elective

SEMESTER
ETR 142 (3 cr.) Electronics II
ELE/ETR (4-6 cr.) Approved Elective
ETR 190 (2-4 cr.) Coordinated Internship
ELE 153 (3 cr.) E/E Calculations II
ETR 151 (2 cr.) Electronic Circuits Troubleshooting I

SEMESTER
ETR 136 (3 cr.) Industrial Electronics Systems
ETR 190 (3 cr.) Coordinated Internship
ETR 152 (3 cr.) Electronics Circuits Troubleshooting II
ECO 100 (3 cr.) Elementary Economics

Length of program: 1 Full Year
Total credits earned at DCC: 34-40   (Total 38-44)
Industry credentials:

For more information, contact:
Workforce Services and Industrial Studies Division, 434-797-8440 or 434-797-8430

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2017-18 ACADEMIC YEAR

Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112-College Composition I & II	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	PE10		Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	BUS 100-Introduction to Business
Elective	Elective	Elective	ITE 115-Introduction to Computer Applications and Concepts
	Elective		

Total college credits earned: **12**   **Tuition saved: $1800**

*Highlighted courses earn college credit   ***Turn over to see how to finish your degree at DCC!***

Dual Enrollment – Information Systems Technology-Gaming & Mobile Applications

Courses taken at DCC • **Credential earned:** Associate Degree in Information Systems Technology- Gaming & Mobile Applications

FALL SEMESTER
SDV 100- College Success Skills
AST 114- Keyboarding for Information Processing *(Students having prior keyboarding experience may request testing out.)*
ITP 100- Software Design
ITP 160- Intro to Game Design & Development
MTH 121- Fundamentals of Mathematics *I (or approved substitute)*

SPRING SEMESTER
ART 180- Intro to Computer Graphics *(or approved graphics course)*
ECO 120- Survey of Economics
ITP 136- C# Programming I
ITN 102- Intro to Networked Client Operating Systems (LAN)
ITP 165- Gaming and Simulation

FALL SEMESTER II
HLT/PED- Health or Physical Education Elective
ITE 150- Desktop Database Software
ITP 120- Java Programming I
HUM- Humanities Elective

SPRING SEMESTER II
BUS 236- Communication in Management
ITD 120- Design Concepts for Mobile Applications
ITP 214- Windows Mobile Development
ITP 265- Application of Modeling & Simulation

Length of program: 2 years

Total credits earned at DCC: 56

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment – Information Systems Technology-Network Engineer

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall/ PCTC

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
PE 9	PE 10		Elective
Elective	Elective		Elective
Elective	Elective	ITN 154- Network Fundamentals, Router Basics, and Configuration (ICND1) - Cisco	BUS 100- Introduction to Business
Elective	Elective		ACC 111- Accounting I
	Elective	ITN 155- Switching, Wireless, and WAN Technologies (ICND2)	

Total college credits earned: 14

Tuition saved: $1650

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

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Dual Enrollment – Information Systems Technology-Network Engineer

Courses taken at DCC • Credential earned: Associate Degree in Information Systems Technology- Network Engineer

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	BUS 236- Communication in Management	ENG 131- Technical Report Writing I	ITN 254- Virtual Infrastructure: Installation and Configuration
AST 114- Keyboarding for Information Processing *(Students having prior keyboarding experience may request testing out.)*	ECO 120- Survey of Economics	ETR 149- PC Repair	ITN 104- Maintaining Servers in the Networked Infrastructure
ITE 221- PC Hardware & OS Architecture	ITN 102- Intro to Networked Client Operating Systems (LAN)	HLT/PED- Health or Physical Education Elective	ITN 157- WAN Technologies - Cisco
MTH 121- Fundamentals of Mathematics *I (or approved substitute)*		HUM- Humanities Elective	ITN 209- Voice Over Internet Protocol
		ITN 103- Administration of Networked Servers	
		ITN 156- Basic Switching and Routing - Cisco	

Length of program: 2 years

Total credits earned at DCC: 52

Industry credentials: Cisco Certified Entry Technician, Cisco Certified Network Associate, Microsoft Technology Associate Networking & Server, CompTIA A+ Hardware & Software, Microsoft Certified Professional, Microsoft Certified Solutions Associate/Windows Server, VMWare Certified Associate

For more information, contact: Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment – Information Systems Technology-Software Development

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
ENG 111 & 112- College Composition I & II
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
Elective
Elective
Elective

12th Grade
English 12
US Government
Science Elective
BUS 100- Introduction to Business
Elective
Elective
Elective
Elective

Total college credits earned: 9   .

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment – Information Systems Technology-Software Development

Courses taken at DCC • **Credential earned: Associate degree in Information Systems Technology- Software Development**

FALL SEMESTER	SPRING SEMESTER		FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	ECO 120- Survey of Economics		ITP 136- C# Programming I	BUS 236- Communication in Management
AST 114- Keyboarding for Information Processing *(Students having prior keyboarding experience may request testing out.)*	ITP 220- Java Programming II		ITD 132- Structured Query Language	ITP 244- ASP.NET--Server Side Programming
	ITP 258- Systems Development Project		ITE 150- Desktop Database Software	ITN 109- Internet and Network Foundation
HLT/PED- Health or Physical Education Elective	MTH 121- Fundamentals of Mathematics *I (or approved substitute)*		ITP 246- JAVA - Server Side Programming	ITP 170- Project Management
ITE 120- Principles of Information Systems			BUS 204- Project Management	HUM- Humanities Elective
ITP 100- Software Design				
ITP 120- Java Programming I				

Length of program: 2 years
Total credits earned at DCC: 65
Industry credentials: Students can sit for Java Foundations certification after first semester and Java SE 7 Programmer after second semester

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment – Information Systems Project Management

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
ENG 111 & 112- College Composition I & II
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
Elective
Elective
Elective

12th Grade
English 12
US Government
Science Elective
Elective
Elective
Elective
Elective
Elective

Total college credits earned: 6

Tuition saved: $900

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment – Information Systems Project Management

Courses taken at DCC • Credential earned: Associate degree in Information Systems- Project Management

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	ETR 295- Topics in Advanced PC Repair	BUS 206- Advanced project Management	ITP 251- Systems Analysis and Design	BUS 295- Topics in Exam Preparation
AST 117- Keyboarding for Computer Usage	ITE 182- User Support/Helpdesk Principles	ECO 120- Survey of Economics **OR** PSY 126- Psychology for Business & Industry	ITP 170- Project Management	BUS 298- Seminar and Project
ETR 149- PC Repair	ITE 225- Mobile Computing		ITX **OR** BUS- Three IT electives *(3 credits each)*	Humanities Elective
ITE 120- Principles of Information Systems	BUS 204- Project Management	HLT/PED- Health or Physical Education Elective		ITX – Two IT Electives *(3 credits each)*
ITN 109- Internet & Network Foundation	MTH 121- Fundamentals of Mathematics I			

Length of program: 2 years
Total credits earned at DCC: 65
Industry credentials: Student will be prepared to sit for Project Management
Institute's Certified Associate in Project Management (CAPM) certification exam

For more information, contact:
Division of Arts, Sciences and Business,
434-797-8474

Dual Enrollment – Integrated Machining Technology

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry	PE10	Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	CAD 233 (3 cr.) Computer Aided Drafting (sub for CAD 120)
P.E. 9	Elective	MAC 101 (8 cr.) Machine Shop	SDV 100 (1 cr.) College Success Skills
Elective	Elective	MTH 103 (3 cr.) Basic Technical Math	MAC 121 (2 cr.) Numerical Control I
Elective	Elective	MAC 102 (7 cr.) Machine Shop II	MAC 221 (7 cr.) Adv. Machine Tool Operations
Elective	Elective	SAF 130 (1 cr.) Industrial Safety OSHA	MTH 104 (3 cr.) Basic Technical Math II
			MAC 127 (7 cr.) Advanced CNC Programming
			DRF 160 (3 cr.) Machine Blue Print Reading

Total college credits earned: 46 Credits   **Tuition saved:** $ 6900

Industry credentials: National Institute for Metal Working Skills (NIMS) / Measurement, Materials and Safety Level I / CNC Turning Operations Level II / OSHA 10 ,

College Credential: CSC – Machining Skills

Highlighted courses earn college credit   *Turn over to see how to finish your degree at DCC!*

Dual Enrollment – Integrated Machining Technology

Courses taken at DCC • Credential earned: Integrated Machining Technology - AAS

FIRST SEMESTER	SECOND SEMESTER	THIRD SEMESTER	3rd Year Capstone	3rd Year Capstone
ECO 120 (3 cr.) Survey of Economics	MAC 128 (3 cr.) CNC Programming	HUM 165 (3c.r) Controversial Issues	IND 123 (1 cr.) Intro to Lean Manufacturing and Six Sigma	MAC 256 (3 cr.) Multi-Axis Machine Tool Set-up, Programming and Operation
MAC 209 (3 cr.) Standards, Measurements and Calculations	MAC 150 (3 cr.) Intro. To Computer Aided Manufacturing	ENG 111 (3 cr.) College Composition I	IND 138(1 cr.) Industrial Leadership and Career Development	MAC 224 (3 cr.) Advanced Tooling Applications
MAC 122 (2 cr.) Numerical Control I	MAC 134 (2 cr.) CMM Operation &Programming	HLT 106 (2 cr.) First Aid and Safety	Mac 108 (2cr.) Computer Numerically Controlled (CNC) Grinding	MAC 255 (3 cr.) Intro to Supply Chain Strategies for Industry
MAC 222 (7 cr.) Advanced Machine Tool Operations II	MAC 223 (7 cr.) Advance Machine Tool Operations III	ITE 116 (2 cr.) Survey of Computer Software Applications	MAC 130 (2cr.) Intro To Electric Discharge Machining (EMD)	MAC 258 ((2 cr.) Tool Inspection, Validation, and Presetting
MAC 123 (2 cr.) Numerical Control III	CST 100 (3 cr.) Principles of Public Speaking		MAC 253 (3 cr.) Advanced CMM Operation and Programming	MAC 254 (2 cr.) Machining Flow Cell IT Integration
	ENG 131 (3 cr.) Technical Report Writing		MAC 251 (3 cr.) Advanced CAM Modeling and Simulation	MAC 257 (4 cr.) Capstone: Precision Machining Flow Cell

Length of program: **3   years**
Total credits earned at DCC: **(65 Credits Total)**
Industry credentials: NIMS Certifications, Mitutoyo MCOSMOS C1 and C2, Sandvik Metal Cutting Technology, Yellow Belt in Lean Six Sigma; ASQj-CQI -
College Credentials: Machine Skills – CSC, Precision Machine Technology – Diploma, Integrated Machine Technology - AAS

For more information, contact: Division of Workforce Services and Technical Studies, 434-797-8430

Dual Enrollment – Integrated Systems Technology

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	PE10		MEC 162 (3 cr.) Applied Hydraulics & Pneumatics
Elective	Elective	MEC 148 (2 cr.) Industrial Pipefitting	MEC 168 (2 cr.) Pump Systems
Elective	Elective	MEC 154 (3 cr.) Mechanical Maintenance I	MEC 254 (3 cr.) Mechanical Maintenance II
Elective	Elective	SAF 130 (1 cr.) Industrial Safety-OSHA 10	SDV 100 (1 cr.) College Success Skills
	Elective		WEL 120 (2 cr.) Fundamentals of Welding

Total college credits earned: 17 Credits

Tuition saved: $ 2550

Industry credentials: None at this time

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment – Integrated Systems Technology

Courses taken at DCC • Credential earned: AAS – Integrated Systems Technology

SEMESTER
IND 137 (3 cr.) Teamwork and Problem Solving
ETR 115 (3 cr.) DC & AC Circuits
MTH 103 (3 cr.) Applied Technical Mathematics I
HLT 116 (3 cr.) Personal Wellness
ITE 116 (2 cr.) Survey of Computer Software Applications

SEMESTER
ENG 131 (3 cr.) Technical Report Writing I
ECO 100 (3 cr.) Elementary Economics
ELE 147 (2 cr.) Electrical Power & Control Systems
HUM 165 (3 cr.) Controversial Issues
IND 181 (3 cr.) World Class Manufacturing
DRF 160 (3 cr.) Machine Blueprint Reading

SEMESTER
ELE 233 (3 cr.) PLC Systems I
MEC 269 (2 cr.) Fluid Power – Pneumatic Systems
IND 243 (3 cr.) Mechatronics
MEC 268 (2 cr.) Fluid Power – Hydraulic Systems
IND 298 (3 cr.) Seminar and Project
MEC 169 (2 cr.) Steam Systems
WEL 135 (2 cr.) Inert Gas Welding

Length of program: 2 years

Total credits earned at DCC: 63 (80 Credits Total)

Industry credentials:

For more information, contact:
Division of Workforce Services and Technical Studies, 434-797-8430

Dual Enrollment – Liberal Arts- Humanities

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	ENG 243 & 244- Survey of English Literature I & II
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	BIO 101 & 102- General Biology I & II (*only at Dan River)
Algebra I or Geometry	PE10	MTH 163 & 164- Precalculus I & II	MTH 157- Elementary Statistics
P.E. 9	Elective	ITE 115- Intro to Computer Applications and Concepts	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	
Elective			

Total college credits earned: 24 (32 at Dan River)   **Tuition saved: $3600 (4800)**

Highlighted courses earn college credit   ***Turn over to see how to finish your degree at DCC!***

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Dual Enrollment –Liberal Arts-Humanities

Courses taken at DCC   **Credential earned: Associate degree in Liberal Arts- Humanities**

FALL SEMESTER
SDV 100-College Success Skills
History Elective
Natural Science Course with lab (if not taken at Dan River)
Social Science Elective
Humanities Elective
Fine Arts Elective

SPRING SEMESTER
PED/HLT-Approved Wellness Elective
History Elective
Natural Science Course with lab (if not taken at Dan River)
Social Science Elective
Humanities Elective
Fine Arts Elective

SUMMER SEMESTER
Liberal Arts Elective

Length of program: **1 year**

Total credits earned at DCC: **37   (29)**

Dual Enrollment – Liberal Arts

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
ENG 111 & 112- College Composition I & II
US History
Economics & Personal Finance
MTH 163 & 164- Precalculus I & II
Elective
Elective
Elective

12th Grade
ENG 243 & 244- Survey of English Literature I & II
US Government
BIO 101 & 102- General Biology I & II (*at Dan River only)
MTH 157- Elementary Statistics
ITE 115- Introduction to Computer Applications and Concepts
Elective
Elective

Total college credits earned: 24 (32 at Dan River)

Tuition saved: $3600 (4800)

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

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Dual Enrollment –Liberal Arts

Courses taken at DCC   **Credential earned: Associate degree in Liberal Arts**

FALL SEMESTER	SPRING SEMESTER
SDV 100-College Success Skills	Focus Course III
Focus Course I	Natural Science Course with lab
Natural Science Course with lab	Humanities or Social Science Elective
History Elective	History Elective
Social Science Requirement	Social Science Requirement
Focus Course II	Focus Course IV
Humanities or Social Science Elective	PED/HLT-Approved Wellness Elective

Length of program: **1 year**

Total credits earned at DCC: **40 (32 if at Dan River)**

For more information, contact:

Division of Arts, Sciences and Business, 434-797-8402

Dual Enrollment – Liberal Arts- Social Science

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	ENG 243 & 244- Survey of English Literature I & II
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	BIO 101 & BIO 102- General Biology I & II (*only at Dan River)
Algebra I or Geometry	PE10	MTH 163- Precalculus	MTH 157- Elementary Statistics
P.E. 9	Elective	ITE 115- Intro to Computer Applications and Concepts	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
	Elective		

Total college credits earned: 21 (29 at Dan River HS)   **Tuition saved: $3150 (4350)**

*Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment –Liberal Arts-Social Science

Courses taken at DCC • Credential earned: Associate degree in Liberal Arts - Social Science

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER
SDV 100-College Success Skills	History Elective	Social Science Elective
Natural Science Course with lab (unless taken at Dan River)	*Natural Science Course with lab (unless taken at Dan River)*	Social Science Elective
History Elective	Sociology Elective	PED/HLT-Approved Wellness Elective
Sociology Elective	Psychology Elective	
Psychology Elective	Liberal Arts Elective	
Liberal Arts Elective		

Length of program: 1 year after high school

Total credits earned at DCC: 40 (32 if dual enrollment taken at Dan River)

For more information, contact:

Division of Arts, Sciences and Business, 434-797-8402

Dual Enrollment – Maintenance Mechanic

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
MEC 154 (3 cr.) Mechanical Maintenance I
SAF 130 (1 cr.) Industrial Safety – OSHA 10

12th Grade
English 12
US Government
Science
Elective
MEC 162 (3 cr.) Applications in Hydraulics and Pneumatics
WEL 120 (2 cr.) Fundamentals of Welding
SDV 100 – (1 cr.) College Success Skills

Total college credits earned: 10 credits

Industry credentials: OSHA 10

Tuition saved: $ 1500

Dual Enrollment – Maintenance Mechanic

Courses taken at DCC   **Credential earned: Certificate – Maintenance Mechanic**

FALL SEMESTER
ETR 115 (3 cr.) DC/AC Circuits
ENG 131 (3 cr.) Technical Report Writing
MTH 103 (3 cr.) Basic Technical Math I
ITE 131 (1 cr.) Survey of Internet Services
IND 103 (2 cr.) Industrial Methods
ITE 116 (2 cr.) Survey of Computer Software Applications

SPRING SEMESTER
ELE 147 (3 cr.) Electrical Power and Control Systems
ELE 233 (3 cr.) Programmable Logic Controller Systems I
IND 243 (3 cr.) Mechatronics
PSY 126 (3 cr.) Psychology for Business and Industry

Length of program: **1 Full Year**
Total credits earned at DCC: 24   (Total 36)
Industry credentials:

College Credentials: Maintenance Mechanic Certificate

For more information, contact:
Workforce Services and Industrial Studies Division, 434-797-8440 or
434-797-8430

Dual Enrollment-Marketing-Electronic Commerce

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
ENG 111 & 112- College Composition I & II
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
Elective
BUS 100- Introduction to Business
ACC 111- Accounting I

12th Grade
English 12
US Government
Science Elective
Elective
Elective
Elective
ITE 115- Introduction to Computer Applications and Concepts
MKT 100- Principles of Marketing

Total college credits earned: 18

Tuition saved: $1800

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment – Marketing-Electronic Commerce

Courses taken at DCC • Credential earned: Associate degree in Marketing-Electronic Commerce

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	BUS 200- Principles of Management	BIO 100- Basic Human Biology	BUS 108- Business Etiquette
AST 117- Keyboarding for Computer Usage	ITD 110- Web Page Design I	E-commerce Elective	BUS 149- Workplace Ethics
BUS 121- Business Mathematics I	MKT 281- Principles of Internet Marketing	E-commerce Elective	E-commerce Elective
	ECO 120- Survey of Economics	MKT 216- Retail Organization & Management	HUM 198- Seminar & Project in Humanities
	HLT/PED- Health or Physical Education Elective	MKT 228- Promotion	MKT 170- Customer Service
	E-commerce Elective		MKT 298- Seminar & Project in Marketing **OR** MKT 297- Cooperative Education
			MKT 110- Principles of Selling

Length of program: 2 years
Total credits earned at DCC: 51

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment-Marketing-Marketing Specialization

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	PE10		Elective
Elective	Elective	Elective	Elective
Elective	Elective	BUS 100- Introduction to Business	ITE 115- Introduction to Computer Applications and Concepts
Elective	Elective	ACC 111- Accounting I	MKT 100- Principles of Marketing
	Elective		

Total college credits earned: 18

Tuition saved: $1800

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment-Marketing-Marketing Specialization

Courses taken at DCC • Credential earned: Associate degree in Marketing-Marketing Specialization

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	BUS 200- Principles of Management	BIO 100- Basic Human Biology	ACC 110- Introduction to Computerized Accounting
AST 117- Keyboarding for Computer Usage	BUS 122- Business Mathematics II	ECO 120- Survey of Economics	BUS 108- Business Etiquette
BUS 121- Business Mathematics I	MKT 110- Principles of Selling	HLT/PED- Health or Physical Education Elective	BUS 149- Workplace Ethics
	BUS 236- Communication in Management	MKT 216- Retail Organization & Management	HUM 198 -Seminar & Project in Humanities
	ITE 215- Advanced Computer Applications & Integration	MKT 228- Promotion	MKT 227- Merchandise Buying and Control
			MKT 170- Customer Service
			MKT 298- Seminar & Project in Marketing **OR** MKT 297-Cooperative Education
			MKT 281-Principles of Internet Marketing

Length of program:	**2 years**
Total credits earned at DCC:	**51**

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment-Marketing-Warehousing & Distribution

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science Elective
Algebra I or Geometry		Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	Elective
P.E. 9	PE10		Elective
Elective	Elective	Elective	Elective
Elective	Elective	BUS 100- Introduction to Business	ITE 115- Introduction to Computer Applications and Concepts
Elective	Elective	ACC 111- Accounting I	MKT 100- Principles of Marketing
	Elective		

Total college credits earned: 15

Tuition saved: $1800

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment-Marketing-Warehousing & Distribution

Courses taken at DCC • Credential earned: Associate of Applied Science Degree in Marketing-Warehousing & Distribution

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100- College Success Skills	BUS 200- Principles of Management	BIO 100- Basic Human Biology	ACC 110- Intro to Computerized Accounting
AST 117- Keyboarding for Computer Usage	BUS 122- Business Mathematics II	ECO 120- Survey of Economics	BUS 108- Business Etiquette
BUS 121- Business Mathematics I	MKT 110- Principles of Selling	HLT/PED- Health or Physical Education Elective	BUS 149- Workplace Ethics
	BUS 236- Communication in Management	MKT 216- Retail Organization & Management	HUM 198- Seminar & Project in Humanities
	ITE 215- Advanced Computer Applications & Integration	BUS 223- Distribution & Transportation	MKT 170- Customer Service
			MKT 227- Merchandise Buying and Control
			MKT 298- Seminar & Project in Marketing **OR** MKT 297- Cooperative Education
			BUS 255- Inventory & Warehouse Management

Length of program: 2 years
Total credits earned at DCC: 51

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8474

Dual Enrollment – Precision Machining Technology

2017-18 ACADEMIC YEAR
Courses taken at Pittsylvania Career and Technical Center

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	English 11	English 12
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	Science
Algebra I or Geometry	PE10	Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus	CAD 233 (3 cr.) Computer Aided Drafting (sub for CAD 120)
PE 9	Elective	MAC 101 (8 cr.) Machine Shop I	SDV 100 (1 cr.) College Success Skills
Elective	Elective	MTH 103 (3 cr.) Basic Technical Math	MAC 121 (2 cr.) Numerical Control I
Elective	Elective	MAC 102 (7 cr.) Machine Shop II	MAC 221 (7 cr.) Adv. Machine Tool Operations
Elective	Elective	SAF 130 (1 cr.)Industrial Safety OSHA	MTH 104 (3 cr.) Basic Technical Math II
	Elective		MAC 127 (7 cr.) Advanced CNC Programming
			DRF 160 (3 cr.) Machine Blue Print Reading

Total college credits earned: **46**   **Tuition saved: $ 6900**

Industry credentials:

National Institute for Metal Working Skills (NIMS) / Measurement, Materials and Safety Level I / CNC Turning Operations Level I / OSHA 10

College Credential: **CSC – Machining Skills**

Highlighted courses earn college credit   *Turn over to see how to finish your degree at DCC!*

Dual Enrollment - Precision Machining Technology

Courses taken at DCC • Credential earned: DIPLOMA – Precision Machining Technology

FALL SEMESTER	SPRING SEMESTER
ECO 100 (3 cr.) Elementary Economics	ENG 131 (3 cr.) Technical Report Writing
MAC 209 (3 cr.) Standards, Measurements and Calculations	MAC 128 (2 cr.) CNC Programming
MAC 122 (2 cr.) Numerical Control I	MAC 134 (2 cr.) CMM Operation and Programming
MAC 222 (7 cr.) Advanced Machine Tool Operations II	MAC 150 (3 cr.) Introduction to Computer Aided Manufacturing
MAC 123 (2 cr.) Numerical Control III	MAC 223 (7 cr.) Advance Machine Tool Operations III
ITE 116 (2 cr.) Survey of Computer Software Applications	CST 100 (3 cr.) Principles of Public Speaking

Length of program: 2 years total – *Only 1 year after high school* with dual enrollment!

Total credits earned at DCC: 39 (80 Total Credits)

Industry credentials: National Institute for Metal Working Skills (NIMS)

For more information, contact:
Workforce Services and Industrial Studies Division, 434-797-8440 or 434-797-8430

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Dual Enrollment – Science- Computer Science

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
ENG 111 & 112- College Composition I & II
US History
Economics & Personal Finance
MTH 163- Precalculus
Elective
Elective
Elective

12th Grade
ENG 243 & 244- Survey of English Literature I & II
US Government
BIO 101 & 102- General Biology I & II (*only offered at Dan River)
Elective
Elective
Elective
Elective

Total college credits earned: 15 (23 at Dan River)

Tuition saved: $2250 (3450)

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment –Science- Computer Science

Courses taken at DCC   **Credential earned: Associate degree in Science**

FALL SEMESTER	SPRING SEMESTER	FALL SEMESTER II	SPRING SEMESTER II
SDV 100-College Success Skills	History Elective	CSC 201- Computer Science I	Social Science Elective
MTH 166- Precalculus with Trigonometry	Natural Science Course with lab	MTH 173- Calculus with Analytical Geometry I	CSC 202- Computer Science II
Natural Science Course with lab	Social Science Elective	Natural Science Course with lab	MTH 174- Calculus with Analytical Geometry II
CSC 205- Computer Organization	HLT/PED- Health or Physical Education Elective	History Elective	

Length of program:　　　**2 years**
Total credits earned at DCC:　　**50 (42 if at Dan River)**

For more information, contact:
Division of Arts, Sciences and Business, 434-797-8402

Dual Enrollment – Science

2017-18 ACADEMIC YEAR
Courses taken at Chatham, Dan River, Gretna, Tunstall

9th Grade	10th Grade	11th Grade	12th Grade
English 9	English 10	ENG 111 & 112- College Composition I & II	ENG 243 & 244- Survey of English Literature I & II
World History I or II	Biology	US History	US Government
Earth Science	Geometry, Algebra II, or Algebra Functions & Data Analysis	Economics & Personal Finance	BIO 101 & 102- General Biology I & II (*only at Dan River)
Algebra I or Geometry	PE10	MTH 163 & 164- Precalculus I & II	MTH 157- Elementary Statistics
P.E. 9	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

Total college credits earned: 21 (29 at Dan River)   **Tuition saved: $2700 (3900)**

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

Dual Enrollment –Science

Courses taken at DCC   **Credential earned: Associate degree in Science**

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER
SDV 100-College Success Skills	PED/HLT-Approved Wellness Elective	Approved Elective
Natural Science Course with lab (unless taken at Dan River)	Natural Science Course with lab (unless taken at Dan River)	Natural Science Course with lab
Natural Science Course with lab	Natural Science Course with lab	
History Elective	History Elective	
Social Science Elective	Social Science Elective	
Approved Elective	Approved Elective	

Length of program: **1 year**

Total credits earned at DCC: **42   (34 if at Dan River)**

For more information, contact:

Division of Arts, Sciences and Business, 434-797-8402

Dual Enrollment – Welding Technology

2017-18 ACADEMIC YEAR
Courses taken at PCS – Pittsylvania Career and Technical Center

9th Grade
English 9
World History I or II
Earth Science
Algebra I or Geometry
P.E. 9
Elective
Elective
Elective

10th Grade
English 10
Biology
Geometry, Algebra II, or Algebra Functions & Data Analysis
PE10
Elective
Elective
Elective
Elective

11th Grade
English 11
US History
Economics & Personal Finance
Algebra Functions & Data Analysis, Adv. Algebra/Trigonometry, or Pre-Calculus
SAF 130 (1 cr.) Industrial Safety - OSHA 10
WEL 120 (2 cr.) Introduction to Welding

12th Grade
English 12
US Government
Science Elective
Elective
WEL 121 (2 cr.) Arc Welding
Elective
Elective
Elective

Total college credits earned: 5 Credits

Industry credentials: OSHA 10

Tuition saved: $ 750

Highlighted courses earn college credit

Turn over to see how to finish your degree at DCC!

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Dual Enrollment – Welding Technology

Courses taken at DCC • Credential earned: Certificate in Welding Technology

FALL SEMESTER	SPRING SEMESTER	SUMMER SEMESTER
AIR 117 (3 cr.) Metal Layout	WEL 150 (3 cr.) Welding, Drawing & Interpretation	MAC 161 (3 cr.) Machine Shop Practices I
MTH 103 (3 cr.) Applied Technical Math	HUM 165 (3 cr.) Controversial Issues	WEL 126 (3 cr.) Pipe Welding I
SDV 100 (1 cr.) College Success Skills	WEL 122 (2 cr.) Arc Welding II	WEL 145 (3 cr.) Welding Metallurgy
ENG 131 (3 cr.) Technical Report Writing I	WEL 135 (2 cr.) Inert Gas Welding I	
ITE 116 (2 cr.) Survey of Computer Software	WEL 136 (2 cr.) Inert Gas Welding II	

Length of program: 1 year after high school

Total credits earned at DCC: 37 (40 Credits Total)

Industry credentials: AWS Certifications

For more information, contact:
Division of Workforce Services and Industrial Studies, 434-797-8430