

ACCOUNTING TECHNOLOGY A.A.S. DEGREE

Accounting Technology is a program of study that prepares students for entry-level accounting positions in accounts payable, accounts receivable, payroll, and inventory as well as enhances the skills of persons currently employed in accounting who wish to advance. The program provides a foundation for students transferring to a four-year college or university to pursue a specialized degree in the field.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 or have permission of instructor to be admitted to the program.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
BOT 1013 Introduction to Keyboarding	3 hrs.					
BOT 1233 Microsoft Word I	3 hrs.					
BOT 2183 Career Readiness <i>or</i> LLS 1723 Employment Readiness	3 hrs.					
BOT 1433 Business Accounting <i>or</i> ACC 2213 Principles of Accounting I	3 hrs.					
BOT 1713 Mechanics of Communication <i>or</i> ENG 1123 Comp II	3 hrs.					
SECOND SEMESTER FRESHMAN						
BOT 1313 Applied Business Math	3 hrs.					
BOT 1443 Advanced Business Accounting	3 hrs.					
BOT 1493 Social Media Management	3 hrs.					
BOT 1823 Microsoft Excel I	3 hrs.					
BOT 2433 QuickBooks	3 hrs.					
BOT 2813 Business Communications	3 hrs.					
FIRST SEMESTER SOPHOMORE						
BOT 1853 Microsoft Excel II	3 hrs.					
BOT 2333 Microsoft Access	3 hrs.					
BOT 2463 Payroll Accounting	3 hrs.					
BOT 2473 Cost Accounting <i>or</i> BOT 2423 Income Tax Accounting	3 hrs.					
SECOND SEMESTER SOPHOMORE						
ENG 1113 English Composition I	3 hrs.					
Math/Natural Science Elective	3 hrs.					
COM/SPT 1113 Public Speaking	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
Total Hours: 60						
Advisor Initials:						
Date:						

ACCOUNTING TECHNOLOGY TECHNICAL CERTIFICATE

Accounting Technology is a program of study that prepares students for entry-level accounting positions in accounts payable, accounts receivable, payroll, and inventory as well as enhances the skills of persons currently employed in accounting who wish to advance. The program provides a foundation for students transferring to a four-year college or university to pursue a specialized degree in the field.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 or have permission of instructor to be admitted to the program.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
BOT 1013 Introduction to Keyboarding	3 hrs.					
BOT 1233 Microsoft Word I	3 hrs.					
BOT 2183 Career Readiness <i>or</i> LLS 1723 Employment Readiness	3 hrs.					
BOT 1433 Business Accounting <i>or</i> ACC 2213 Principles of Accounting I	3 hrs.					
BOT 1713 Mechanics of Communication <i>or</i> ENG 1123 Comp II	3 hrs.					
SECOND SEMESTER FRESHMAN						
BOT 1313 Applied Business Math	3 hrs.					
BOT 1443 Advanced Business Accounting	3 hrs.					
BOT 1493 Social Media Management	3 hrs.					
BOT 1823 Microsoft Excel I	3 hrs.					
BOT 2433 QuickBooks	3 hrs.					
BOT 2813 Business Communications	3 hrs.					
FIRST SEMESTER SOPHOMORE						
BOT 1853 Microsoft Excel II	3 hrs.					
BOT 2333 Microsoft Access	3 hrs.					
BOT 2463 Payroll Accounting	3 hrs.					
BOT 2473 Cost Accounting <i>or</i> BOT 2423 Income Tax Accounting	3 hrs.					
Total Hours: 45						
Advisor Initials:						
Date:						

ADMINISTRATIVE OFFICE TECHNOLOGY A.A.S. DEGREE

Administrative Office Technology is a program of study designed to prepare and train students for entry-level training in administrative office procedures, integrated computer applications, business financial systems, communication, accounting clerks, records clerks, transcriptionists, word processing specialists, and to fill other positions requiring computer skills such as database management.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 or have permission of instructor to be admitted to the program.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
BOT 1013 Introduction to Keyboarding	3 hrs.					
BOT 1233 Microsoft Word I	3 hrs.					
BOT 2183 Career Readiness <i>or</i> LLS 1723 Employment Readiness	3 hrs.					
BOT 1433 Business Accounting <i>or</i> ACC 2213 Principles of Accounting I	3 hrs.					
BOT 1713 Mechanics of Communication <i>or</i> ENG 1123 Comp II	3 hrs.					
SECOND SEMESTER FRESHMAN						
BOT 1313 Applied Business Math	3 hrs.					
BOT 1493 Social Media Management	3 hrs.					
BOT 1823 Microsoft Excel I	3 hrs.					
BOT 2433 QuickBooks	3 hrs.					
BOT 2813 Business Communications	3 hrs.					
FIRST SEMESTER SOPHOMORE						
BOT 1853 Microsoft Excel II	3 hrs.					
BOT 2233 Human Resource Management	3 hrs.					
BOT 2333 Microsoft Access	3 hrs.					
BOT 2923 BOT Externship and Seminar	3 hrs.					
BOT 1243 Microsoft Word II	3 hrs.					
SECOND SEMESTER SOPHOMORE						
ENG 1113 English Composition I	3 hrs.					
Math/Natural Science Elective	3 hrs.					
COM/SPT 1113 Public Speaking	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
Total Hours: 60						
Advisor Initials:						
Date:						

ADMINISTRATIVE OFFICE TECHNOLOGY TECHNICAL CERTIFICATE

Administrative Office Technology is a program of study designed to prepare and train students for entry-level training in administrative office procedures, integrated computer applications, business financial systems, communication, accounting clerks, records clerks, transcriptionists, word processing specialists and to fill other positions requiring computer skills such as database management.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 or have permission of instructor to be admitted to the program.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
BOT 1013 Introduction to Keyboarding	3 hrs.					
BOT 1233 Microsoft Word I	3 hrs.					
BOT 2183 Career Readiness <i>or</i> LLS 1723 Employment Readiness	3 hrs.					
BOT 1433 Business Accounting <i>or</i> ACC 2213 Principles of Accounting I	3 hrs.					
BOT 1713 Mechanics of Communication <i>or</i> ENG 1123 Comp II	3 hrs.					
SECOND SEMESTER FRESHMAN						
BOT 1313 Applied Business Math	3 hrs.					
BOT 1493 Social Media Management	3 hrs.					
BOT 1823 Microsoft Excel I	3 hrs.					
BOT 2433 QuickBooks	3 hrs.					
BOT 2813 Business Communications	3 hrs.					
FIRST SEMESTER SOPHOMORE						
BOT 2233 Human Resource Management	3 hrs.					
BOT 1853 Microsoft Excel II	3 hrs.					
BOT 2333 Microsoft Access	3 hrs.					
BOT 2923 BOT Externship and Seminar	3 hrs.					
BOT 1243 Microsoft Word II	3 hrs.					
Total Hours: 45						
Advisor Initials:						
Date:						

AUTOMOTIVE MECHANICS CAREER CERTIFICATE

Automotive Mechanics is a program of study that prepares individuals to engage in the servicing and maintenance of all types of automobiles. Instruction includes the diagnosis of malfunctions and repair of engines, fuel, electrical, cooling, brake systems, and drive train and suspension systems. Instruction is also provided in the adjustment and repair of individual components such as transmissions and fuel systems. Students must have a valid driver’s license to enroll in this program.

REQUIRED COURSES:		PREV	FALL	SPRIN
FIRST SEMESTER				
ATT 1124 Basic Electrical/Electronic	4 hrs.			
ATT 1214 Brakes	4 hrs.			
ATT 1424 Engine Performance I	4 hrs.			
ATT 1812 Safety & Employability Skills	2 hrs.			
SECOND SEMESTER				
ATT 1134 Advanced Electrical/Electronic	4 hrs.			
ATT 2334 Steering & Suspension	4 hrs.			
ATT 2434 Engine Performance II	4 hrs.			
ATT 1715 Engine Repair	5 hrs.			
Total Hours: 31				
Advisor Initials:				
Date:				

AUTOMOTIVE MECHANICS TECHNICAL CERTIFICATE

Automotive Mechanics is a program of study that prepares individuals to engage in the servicing and maintenance of all types of automobiles. Instruction includes the diagnosis of malfunctions and repair of engines, fuel, electrical, cooling, brake systems, and drive train and suspension systems. Instruction is also provided in the adjustment and repair of individual components such as transmissions and fuel systems. Students must have a valid driver's license to enroll in this program.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN						
ATT 1124 Basic Electrical/Electronic	4 hrs.					
ATT 1214 Brakes	4 hrs.					
ATT 1424 Engine Performance I	4 hrs.					
ATT 1812 Intro, Safety and Employability Skills	2 hrs.					
SECOND SEMESTER FRESHMEN						
ATT 1134 Advanced Electrical/ Electronic	4 hrs.					
ATT 2334 Steering and Suspension	4 hrs.					
ATT 2434 Engine Performance II	4 hrs.					
ATT 1715 Engine Repair	5 hrs.					
FIRST SEMESTER SOPHOMORE						
ATT 2444 Engine Performance III	4 hrs.					
ATT 2614 Heating & Air	4 hrs.					
SECOND SEMESTER SOPHOMORE						
ATT 1314 Manual Drive	4 hrs.					
ATT 2325 Auto Trans	5 hrs.					
SUGGESTED ELECTIVES (with instructor's permission)						
ATT 2912 Special Problem I in Auto Tech.	2 hrs.					
ATT 2914 Special Problem I in Auto Tech.	4 hrs.					
ATT 2933 Special Problem II in Auto Tech.	3 hrs.					
Total Hours: 48						
Advisor Initials:						
Date:						

AUTOMOTIVE MECHANICS TECHNOLOGY A.A.S. DEGREE

Automotive Mechanics Technology is a program of study that prepares individuals to engage in the servicing and maintenance of all types of automobiles. Instruction includes the diagnosis of malfunctions and repair of engines, fuel, electrical, cooling, brake systems, and drive train and suspension systems. Instruction is also provided in the adjustment and repair of individual components such as transmissions and fuel systems. Students must have a valid driver's license to enroll in this program.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN						
ATT 1124 Basic Electrical and Electronics	4 hrs.					
ATT 1214 Brakes	4 hrs.					
ATT 1424 Engine Performance I	4 hrs.					
ATT 1812 Intro, Safety and Employability Skills	2 hrs.					
ENG 1113 English Comp	3 hrs.					
SECOND SEMESTER FRESHMEN						
ATT 1134 Adv Electrical & Electronics	4 hrs.					
ATT 2334 Steering and Suspension	4 hrs.					
ATT 2434 Engine Performance II	4 hrs.					
ATT 1715 Engine Repair	5 hrs.					
FIRST SEMESTER SOPHOMORE						
ATT 2444 Engine Performance III	4 hrs.					
ATT 2614 Heating & Air	4 hrs.					
Math/Science Elective	3 hrs.					
Humanities/ Fine Arts	3 hrs.					
SECOND SEMESTER SOPHOMORE						
ATT 1314 Manual Drive	4 hrs.					
ATT 2325 Auto Trans	5 hrs.					
COM/SPT 1113 Public Speaking I	3 hrs.					
Social/Behavioral Science	3 hrs.					
Total Hours: 63						
Advisor Initials:						
Date:						

BUSINESS & OFFICE TECHNOLOGY CAREER CERTIFICATE

The Business & Office Technology program of study provides training in administrative office procedures, integrated computer applications, business financial systems, communication, and related technologies.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 or have permission of instructor to be admitted to the program.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING
FIRST SEMESTER FRESHMAN				
BOT 1013 Introduction to Keyboarding	3 hrs.			
BOT 1233 Microsoft Word I	3 hrs.			
BOT 2183 Career Readiness <i>or</i> LLS 1723 Employment Readiness	3 hrs.			
BOT 1433 Business Accounting <i>or</i> ACC 2213 Principles of Accounting I	3 hrs.			
BOT 1713 Mechanics of Communications <i>or</i> ENG 1123 Comp II	3 hrs.			
SECOND SEMESTER FRESHMAN				
BOT 1313 Applied Business Math	3 hrs.			
BOT 2433 QuickBooks	3 hrs.			
BOT 1493 Social Media Management	3 hrs.			
BOT 1823 Microsoft Excel I	3 hrs.			
BOT 2813 Business Communications	3 hrs.			
Total Hours: 30				
Advisor Initials:				
Date:				

BUSINESS MANAGEMENT TECHNOLOGY A.A.S. DEGREE

Business Management Technology is a program of study that provides students with a relevant professional management education and effective approaches to technology, entrepreneurship, human resource, and management information. The student will develop skills in innovative aspects of technology and business management with an emphasis on project-based learning.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 or have permission of instructor to be admitted to the program.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
BOT 1013 Introduction to Keyboarding	3 hrs.					
BOT 1233 Microsoft Word I	3 hrs.					
BOT 2183 Career Readiness <i>or</i> LLS 1723 Employment Readiness	3 hrs.					
BOT 1433 Business Accounting <i>or</i> ACC 2213 Principles of Accounting I	3 hrs.					
BOT 1713 Mechanics of Communication <i>or</i> ENG 1123 Comp II	3 hrs.					
SECOND SEMESTER FRESHMAN						
BOT 1313 Applied Business Math	3 hrs.					
BOT 1493 Social Media Management	3 hrs.					
BOT 1823 Microsoft Excel I	3 hrs.					
BOT 2433 QuickBooks	3 hrs.					
BOT 2813 Business Communications	3 hrs.					
FIRST SEMESTER SOPHOMORE						
BOT 2233 Human Resource Management	3 hrs.					
BOT 2463 Payroll Accounting	3 hrs.					
BOT 1853 Microsoft Excel II	3 hrs.					
BOT 2333 Microsoft Access	3 hrs.					
BOT 2613 Entrepreneurial Problem Solving	3 hrs.					
SECOND SEMESTER SOPHOMORE						
ENG 1113 English Composition I	3 hrs.					
Math/Natural Science Elective	3 hrs.					
COM/SPT 1113 Public Speaking	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
Total Hours: 60						
Advisor Initials:						
Date:						

BUSINESS MANAGEMENT TECHNOLOGY TECHNICAL CERTIFICATE

Business Management Technology is a program of study that provides students with a relevant professional management education and effective approaches to technology, entrepreneurship, human resource, and management information. The student will develop skills in innovative aspects of technology and business management with an emphasis on project-based learning.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 or have permission of instructor to be admitted to the program.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
BOT 1013 Introduction to Keyboarding	3 hrs.					
BOT 1233 Microsoft Word I	3 hrs.					
BOT 2183 Career Readiness <i>or</i> LLS 1723 Employment Readiness	3 hrs.					
BOT 1433 Business Accounting <i>or</i> ACC 2213 Principles of Accounting I	3 hrs.					
BOT 1713 Mechanics of Communication <i>or</i> ENG 1123 Comp II	3 hrs.					
SECOND SEMESTER FRESHMAN						
BOT 1313 Applied Business Math	3 hrs.					
BOT 1493 Social Media Management	3 hrs.					
BOT 1823 Microsoft Excel I	3 hrs.					
BOT 2433 QuickBooks	3 hrs.					
BOT 2813 Business Communications	3 hrs.					
FIRST SEMESTER SOPHOMORE						
BOT 2233 Human Resource Management	3 hrs.					
BOT 2463 Payroll Accounting	3 hrs.					
BOT 1853 Microsoft Excel II	3 hrs.					
BOT 2333 Microsoft Access	3 hrs.					
BOT 2613 Entrepreneurial Problem Solving	3 hrs.					
Total Hours: 45						
Advisor Initials:						
Date:						

CONSTRUCTION EQUIPMENT OPERATION CAREER CERTIFICATE

Construction Equipment Operation is a program of study that prepares an individual to operate and maintain a variety of heavy equipment including backhoe, fork-lift, dozer, end-loader, excavator, moto grader, and scraper. The instruction includes safety, general care, and routine maintenance. The program also includes instruction in digging, ditching, sloping, stripping, grading, back filling, clearing, excavating, and handling of materials. An individual successfully completing this program will have entry level skills for employment as a heavy equipment operator.

It is required that all students demonstrate basic skill performance on each of the following pieces of construction equipment: backhoe, fork-lift, dozer, end loader, excavator, moto grader and scraper. Advanced skill performance on a minimum of two items of equipment is essential to successful program completion. Fork-lift certification is available for qualifying students.

REQUIRED COURSES:		PREV	FALL	SPRING
FIRST SEMESTER				
CEV 1212 Safety I	2 hrs.			
CEV 1313 Service & Prev Maint	3 hrs.			
CEV 1416 Equipment	6 hrs.			
CEV 1514 Grade Work I	4 hrs.			
SECOND SEMESTER				
CEV 1222 Safety II	2 hrs.			
CEV 1324 Service & Prev Maint	4 hrs.			
CEV 1426 Equipment	6 hrs.			
CEV 1525 Grade Work II	5 hrs.			
Total Hours: 32				
Advisor Initials:				
Date:				

CULINARY ARTS CAREER CERTIFICATE

Culinary Arts is a program of study that provides a solid foundation in the methods and science of cooking through exposure to classical cuisine, as well as the art of baking and pastries. Special emphasis is placed on culinary tools, equipment, techniques, and specialty ingredients. The heart of the Culinary Arts program is hands-on lab instruction by a chef instructor in a commercial kitchen. All students must wear appropriate chef's uniforms for all lab classes. Culinary Arts students may receive a career certificate after successfully completing two semesters of CUT and/or HRT courses listed in the Culinary Arts curriculum.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING
FIRST SEMESTER				
CUT 2223 Menu Planning & Facilities Design	3 hrs.			
CUT 1114 Culinary Principles I	4 hrs.			
HRT 1213 Sanitation & Safety	3 hrs.			
HRT 1224 Restaurant & Catering Operations	4 hrs.			
HRT 2713 Marketing Hospitality Services	3 hrs.			
SECOND SEMESTER				
CUT 1124 Culinary Principles II	4 hrs.			
CUT 1513 Garde Manger	3 hrs.			
CUT 1134 Principles of Baking	4 hrs.			
HRT 1123 Intro to Hospitality & Tourism	3 hrs.			
Total Hours: 31				
Advisor Initials:				
Date:				

CULINARY ARTS TECHNICAL CERTIFICATE

Culinary Arts is a program of study that provides a solid foundation in the methods and science of cooking through exposure to classical, American, and international cuisine, as well as the art of baking and pastries. Special emphasis is placed on culinary tools, equipment, techniques, and specialty ingredients. The heart of the Culinary Arts Technology program is hands-on lab instruction by a chef instructor in a commercial kitchen. All students must wear appropriate chef's uniforms for all lab classes. Culinary Arts students may receive a technical certificate after successfully completing two years of CUT and/or HRT courses listed in the Culinary Arts curriculum.

REQUIRED COURSES:		PREV	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
CUT 2223 Menu Planning & Facilities Design	3 hrs.					
CUT 1114 Culinary Principles I	4 hrs.					
HRT 1213 Sanitation & Safety	3 hrs.					
HRT 1224 Restaurant & Catering Operations	4 hrs.					
HRT 2713 Marketing Hospitality Services	3 hrs.					
SECOND SEMESTER FRESHMAN						
CUT 1124 Culinary Principles II	4 hrs.					
CUT 1513 Garde Manger	3 hrs.					
CUT 1134 Principles of Baking	4 hrs.					
HRT 1123 Intro to Hospitality & Tourism Industry	3 hrs.					
FIRST SEMESTER SOPHOMORE						
CUT 2314 American Regional Cuisine	4 hrs.					
CUT 2243 Dining Room Management	3 hrs.					
SECOND SEMESTER SOPHOMORE						
CUT 2424 International Cuisine	4 hrs.					
HRT 2623 Hospitality Human Resource	3 hrs.					
SUGGESTED ELECTIVES						
CUT 2926 Supervised Work Experience Culinary I	6 hrs.					
Total Hours: 45						
Advisor Initials:						
Date:						

CULINARY ARTS TECHNOLOGY A.A.S. DEGREE

The Culinary Arts Technology is a program of study that provides a solid foundation in the methods and science of cooking through exposure to classical, American, and international cuisine, as well as the art of baking and pastries. Special emphasis is placed on culinary tools, equipment, techniques, and specialty ingredients. The heart of the Culinary Arts Technology program is hands-on lab instruction by a chef instructor in a commercial kitchen. All students must wear appropriate chef's uniforms for all lab classes. Culinary Arts students may receive an Associate of Applied Science degree after successfully completing two years of CUT and/or HRT courses listed in the Culinary Arts curriculum.

REQUIRED COURSES:		PREV TAKE	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
CUT 2223 Menu Planning & Facilities Design	3 hrs.					
CUT 1114 Culinary Principles I	4 hrs.					
HRT 1213 Sanitation & Safety	3 hrs.					
HRT 1224 Restaurant & Catering Operations	4 hrs.					
HRT 2713 Marketing Hospitality Services	3 hrs.					
SECOND SEMESTER FRESHMAN						
CUT 1124 Culinary Principles II	4 hrs.					
CUT 1513 Garde Manger	3 hrs.					
CUT 1134 Principles of Baking	4 hrs.					
HRT 1123 Intro to Hospitality & Tourism Industry	3 hrs.					
FIRST SEMESTER SOPHOMORE						
CUT 2314 American Regional Cuisine	4 hrs.					
CUT 2243 Dining Room Management	3 hrs.					
ENG 1113 English Composition	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
Math/Natural Science Electives	3 hrs.					
SECOND SEMESTER SOPHOMORE						
CUT 2424 International Cuisine	4 hrs.					
HRT 2623 Hospitality Human Resource	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
COM/SPT 1113 Public Speaking	3 hrs.					
SUGGESTED ELECTIVES						
CUT 2926 Supervised Work Experience Culinary I	6 hrs.					
Total Hours: 60						
Advisor Initials:						
Date:						

DRAFTING AND DESIGN TECHNICAL CERTIFICATE

Drafting and Design is a program of study designed to impart technical knowledge and engender manipulative skills in the use of construction and drafting equipment and procedures. The knowledge and skills mastered in this program are important for the design and production of plans for industry, manufacturing, and construction. Emphasis is placed upon such subjects as scientific design, job specifications, building codes as well as drafting. Both creative and practical training are offered in such a manner that the student who successfully completes this two-year program is competent for employment in a variety of positions. Some of the many jobs available to persons completing this program include: architectural or engineering draftsman, appraiser and inspector, estimator, layout and supervision, mapping surveyor and junior engineer.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements. In addition to these ACT requirements, re-admit or transfer students must have a 2.0 cumulative quality point average. No student may enroll in advanced semesters without satisfactory completion of prior semester courses.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
DDT 1163 Engineering Graphics	3 hrs.					
DDT 1213 Const. Standards and Materials	3 hrs.					
DDT 1313 Computer Aided Design I	3 hrs.					
SECOND SEMESTER FRESHMAN						
DDT 1173 Mechanical Design I	3 hrs.					
DDT 1323 Computer Aided Design II	3 hrs.					
DDT 1183 Technical Math	3 hrs.					
DDT 1613 Arch Design I	3 hrs.					
FIRST SEMESTER SOPHOMORE						
DDT 1413 Elem. Surveying	3 hrs.					
DDT 2243 Cost & Estimating	3 hrs.					
DDT 2623 Arch Design II	3 hrs.					
DDT 2373 3D Modeling	3 hrs.					
SECOND SEMESTER SOPHOMORE						
DDT 2153 Civil Planning and Design	3 hrs.					
DDT 2913 Special Project	3 hrs.					
DDT 2523 Pipe Drafting	3 hrs.					
DDT 2213 Structural Drafting I	3 hrs.					
Total Hours: 45						
Advisor Initials:						
Date:						

DRAFTING AND DESIGN TECHNOLOGY A.A.S. DEGREE

Drafting and Design Technology is a program of study designed to impart technical knowledge and engender manipulative skills in the use of construction and drafting equipment and procedures. The knowledge and skills mastered in this program are important for the design and production of plans for industry, manufacturing, and construction. Emphasis is placed upon such subjects as scientific design, job specifications, building codes as well as drafting. Both creative and practical training are offered in such a manner that the student who successfully completes this two-year program is competent for employment in a variety of positions. Some of the many jobs available to persons completing this program include: architectural or engineering draftsman, appraiser and inspector, estimator, layout and supervision, mapping surveyor, and junior engineer.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements. In addition to these ACT requirements, re-admit or transfer students must have a 2.0 cumulative grade point average. No student may enroll in advanced semesters without satisfactory completion of prior semester courses.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
DDT 1163 Engineering Graphics	3 hrs.					
DDT 1213 Const. Standards and Materials	3 hrs.					
DDT 1313 Computer Aided Design I	3 hrs.					
ENG 1113 Comp I	3 hrs.					
Math/Natural Science Elective	3 hrs.					
SECOND SEMESTER FRESHMAN						
DDT 1173 Mechanical Design I	3 hrs.					
DDT 1323 Computer Aided Design II	3 hrs.					
DDT 1183 Technical Math	3 hrs.					
DDT 1613 Arch Design I	3 hrs.					
FIRST SEMESTER SOPHOMORE						
DDT 1413 Elem. Surveying	3 hrs.					
DDT 2243 Cost & Estimating	3 hrs.					
DDT 2623 Arch Design II	3 hrs.					
DDT 2373 3D Modeling	3 hrs.					
COM/SPT 1113 Public Speaking I	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
SECOND SEMESTER SOPHOMORE						
DDT 2153 Civil Planning and Design	3 hrs.					
DDT 2913 Special Project	3 hrs.					
DDT 2523 Pipe Drafting	3 hrs.					
Humanities/ Fine Arts Elective	3 hrs.					
DDT 2213 Structural Drafting I	3 hrs.					
Total Hours: 60						
Advisor Initials:						
Date:						

ELECTRICAL TECHNOLOGY A.A.S. DEGREE

Electrical Technology is a program of study that prepares individuals to install, operate, maintain, and repair electrically-energized systems such as residential, commercial, industrial electric wiring, DC and AC motors, controls, and electrical distribution panels. Instruction in the use of test equipment is included.

Admission Requirements

A minimum ACT score of 15 is required or applicants must score at the 9th grade level on the TABE Form 9/10 to be admitted to the program. Exceptions may be made with instructor permission for students who do not meet entrance requirements provided the student meets the requirements by the end of the second semester or has a 2.0 grade point average.

REQUIRED COURSES:		PREV	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN						
ELT 1113 Residential Wiring	3 hrs.					
ELT 1143 AC/DC Circuits	3 hrs.					
ELT 1192 Fundamentals of Electricity	2 hrs.					
ELT 1213 Electrical Power	3 hrs.					
ELT 1253 Branch Circuits	3 hrs.					
ELT 1263 Blueprint Reading	3 hrs.					
SECOND SEMESTER FRESHMEN						
ELT 1123 Commercial & Industrial Wiring	3 hrs.					
ELT 1223 Motor Maint/Troubleshooting	3 hrs.					
ELT 1413 Motor Control System	3 hrs.					
ELT 1273 Switching Circuits	3 hrs.					
ELT 1133 Intro to the NEC	3 hrs.					
FIRST SEMESTER SOPHOMORE						
ELT 1614 Prin. of Hydraulics & Pneumatics	4 hrs.					
ELT 2113 Equipment Maint/Troubleshooting	3 hrs.					
Math/Natural Science Elective	3 hrs.					
ENG 1113 Comp I	3 hrs.					
SECOND SEMESTER SOPHOMORE						
ELT 2424 Solid State Motor Control	4 hrs.					
ELT 2613 Programmable Logic Control	3 hrs.					
ELT 1163 Drafting for Electrical Technology	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
COM/SPT 1113 Public Speaking I	3 hrs.					
Humanities/ Fine Arts Elective	3 hrs.					
SUGGESTED ELECTIVE (with instructor's permission)						
ELT 292(1-6) Supervised Work I	1-6 hrs.					
ELT 294(1-6) Supervised Work II	1-6 hrs.					
ELT 291(1-3) Special Projects I	1-3 hrs.					
ELT 293(1-3) Special Projects II	1-3 hrs.					
Total Hours: 64						
Advisor Initials:						
Date:						

ELECTRICAL TECHNOLOGY CAREER CERTIFICATE

The Electrical program of study prepares individuals to install, operate, maintain, and repair electrically-energized systems such as residential, commercial, industrial electric wiring, DC and AC motors, controls, and electrical distribution panels. Instruction in the use of test equipment is included.

Admission Requirements

A minimum ACT score of 15 is required or applicants must score at the 9th grade level on the TABE Form 9/10 to be admitted to the program. Exceptions may be made with instructor permission for students who do not meet entrance requirements provided the student meets the requirements by the end of the second semester or has a 2.0 grade point average.

REQUIRED COURSES:		PREV	FALL	SPRING
FIRST SEMESTER FRESHMEN				
ELT 1113 Residential Wiring	3 hrs.			
ELT 1143 AC/DC Circuits	3 hrs.			
ELT 1192 Fundamentals of Elec	2 hrs.			
ELT 1213 Electrical Power	3 hrs.			
ELT 1253 Branch Circuits	3 hrs.			
ELT 1263 Blueprint Reading	3 hrs.			
SECOND SEMESTER FRESHMEN				
ELT 1123 Commercial & Industrial	3 hrs.			
ELT 1223 Motor Maint/Troubleshooting	3 hrs.			
ELT 1413 Motor Control Systems	3 hrs.			
ELT 1273 Switching Circuits	3 hrs.			
ELT 1133 Introduction to the NEC	3 hrs.			
SUGGESTED ELECTIVES (with instructor's permission)				
ELT 292(1-6) Supervised Work I	1-6			
ELT 294(1-6) Supervised Work II	1-6			
ELT 291(1-3) Special Projects I	1-3			
ELT 293(1-3) Special Projects II	1-3			
Total Hours: 32				
Advisor Initials:				
Date:				

ELECTRICAL TECHNOLOGY TECHNICAL CERTIFICATE

Electrical Technology is a program of study that prepares individuals to install, operate, maintain, and repair electrically-energized systems such as residential, commercial, industrial electric wiring, DC and AC motors, controls, and electrical distribution panels. Instruction in the use of test equipment is included.

Admission Requirements

A minimum ACT score of 15 is required or applicants must score at the 9th grade level on the TABE Form 9/10 to be admitted to the program. Exceptions may be made with instructor permission for students who do not meet entrance requirements provided the student meets the requirements by the end of the second semester or has a 2.0 grade point average.

REQUIRED COURSES:		PREV	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN						
ELT 1113 Residential Wiring	3 hrs.					
ELT 1143 AC/DC Circuits	3 hrs.					
ELT 1192 Fundamentals of Electricity	2 hrs.					
ELT 1213 Electrical Power	3 hrs.					
ELT 1253 Branch Circuits	3 hrs.					
ELT 1263 Blueprint Reading	3 hrs.					
SECOND SEMESTER FRESHMEN						
ELT 1123 Commercial & Industrial Wiring	3 hrs.					
ELT 1223 Motor Maint/Troubleshooting	3 hrs.					
ELT 1413 Motor Control System	3 hrs.					
ELT 1273 Switching Circuits	3 hrs.					
ELT 1133 Intro to the NEC	3 hrs.					
FIRST SEMESTER SOPHOMORE						
ELT 1614 Prin. of Hydraulics & Pneumatics	4 hrs.					
ELT 2113 Equipment Maint/Troubleshooting	3 hrs.					
SECOND SEMESTER SOPHOMORE						
ELT 2424 Solid State Motor Control	4 hrs.					
ELT 2613 Programmable Logic Control	3 hrs.					
ELT 1163 Drafting for Electrical Technology	3 hrs.					
SUGGESTED ELECTIVES						
(with instructor's permission)						
ELT 292(1-6) Supervised Work I	1-6 hrs.					
ELT 294(1-6) Supervised Work II	1-6 hrs.					
ELT 291(1-3) Special Projects I	1-3 hrs.					
ELT 293(1-3) Special Projects II	1-3 hrs.					
Total Hours: 49						
Advisor Initials:						
Date:						

FIELD CROPS CAREER CERTIFICATE

Field Crops is a program of study that provides students with a common core of management skills and additional training related to the production of field crops, weed, insect, and plant disease control. Computer based activities are used from the internet and appropriate agricultural related software packages.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements. In addition to these ACT requirements, re-admit or transfer students must have a 2.0 cumulative grade point average. No student may enroll in advanced semesters without satisfactory completion of prior semester courses.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING
FIRST SEMESTER FRESHMEN				
AGR 1112 Survey of Agriculture	2 hrs.			
AGT 1163 Spatial Information Sys	3 hrs.			
AGR 2314 Basic Soils	4 hrs.			
AGR 2413 Farm Management	3 hrs.			
*AGR 1313 Plant Science or BIO 1313 Botany (lec)	3 hrs.			
SECOND SEMESTER FRESHMEN				
AGR 1214 Animal Science	4 hrs.			
AGT 1513 Principles Ag. Marketing	3 hrs.			
AGT 2564 Agriculture Machinery & Shop	4 hrs.			
AGR 2713 Principles of Ag. Economics OR ECO 2113 Principles of Macroeconomics OR ECO 2123 Principles of Microeconomics	3 hrs.			
CSC 1123 Computer Applications I OR LLS 1723 Employment Readiness OR WBL 1923 Work-Based Learning	3 hrs.			
Total Hours: 32				
Advisor Initials:				
Date:				

*BIO 1313 can be substituted for AGR 1313

**MISSISSIPPI DELTA COMMUNITY COLLEGE
FIELD CROPS TECHNICAL CERTIFICATE**

Field Crops is a program of study that provides students with a common core of management skills and additional training related to the production of field crops, weed, insect, and plant disease control. Computer based activities are used from the internet and appropriate agricultural related software packages.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements. In addition to these ACT requirements, re-admit or transfer students must have a 2.0 cumulative grade point average. No student may enroll in advanced semesters without satisfactory completion of prior semester courses.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING
FIRST SEMESTER FRESHMEN				
AGR 1112 Survey of Agriculture	2 hrs.			
AGT 1163 Spatial Information Syst.	3 hrs.			
AGR 2314 Basic Soils	4 hrs.			
AGR 2413 Farm Management	3 hrs.			
*AGR 1313 Plant Science or BIO 1313 Botany (lec)	3 hrs.			
SECOND SEMESTER FRESHMEN				
AGR 1214 Animal Science	4 hrs.			
AGT 1513 Principles Ag. Marketing	3 hrs.			
AGT 2564 Agriculture Machinery & Shop	4 hrs.			
AGR 2713 Principles of Ag. Economics OR ECO 2113 Principles of Macroeconomics OR ECO 2123 Principles of Microeconomics	3 hrs.			
CSC 1123 Computer Applications I OR LLS 1723 Employment Readiness OR WBL 1913 Work-Based Learning	3 hrs.			
FIRST SEMESTER SOPHOMORE				
AGT 2373 Fiber & Oilseed Crops	3 hrs.			
AGT 2463 Insects & Controls	3 hrs.			
SECOND SEMESTER SOPHOMORE				
AGT 2383 Grain Crops	3 hrs.			
AGT 2413 Weed Control	3 hrs.			
AGT 2923 Supervised Agricultural Experience OR WBL 1923 Work-Based Learning OR Other AGR/AGT Elective	3 hrs.			
SUGGESTED ELECTIVE (with instructor's permission)				
AGT 2913 Special Problem	3 hrs.			
Total Hours: 47				
Advisor Initials:				
Date:				

*BIO 1313 can be substituted for AGR 1313

FIELD CROPS TECHNOLOGY A.A.S. DEGREE

Field Crops Technology is a program of study to provide students with a common core of management skills and additional training related to the production of field crops, weed, insect, and plant disease control. Computer based activities are used from the internet and appropriate agricultural related software packages.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements. In addition to these ACT requirements, re-admit or transfer students must have a 2.0 cumulative grade point average. No student may enroll in advanced semesters without satisfactory completion of prior semester courses.

REQUIRED COURSES:		PREV	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN						
AGR 1112 Survey of Agriculture	2 hrs.					
AGT 1163 Spatial Information Sys	3 hrs.					
AGR 2314 Basic Soils	4 hrs.					
AGR 2413 Farm Management	3 hrs.					
*AGR 1313 Plant Science or BIO 1313 Botany	3 hrs.					
SECOND SEMESTER FRESHMEN						
AGR 1214 Animal Science	4 hrs.					
AGT 1513 Principles Ag. Marketing	3 hrs.					
AGT 2564 Agriculture Machinery & Shop	4 hrs.					
AGR 2713 Principles of Ag. Economics OR ECO 2113 Principles of Macroeconomics OR ECO 2123 Principles of Microeconomics	3 hrs.					
CSC 1123 Computer Applications I OR LLS 1723 Employment Readiness OR WBL 1913 Work-Based Learning	3 hrs.					
FIRST SEMESTER SOPHOMORE						
AGT 2373 Fiber & Oilseed Crops	3 hrs.					
AGT 2463 Insects & Controls	3 hrs.					
COM/SPT 1113 Public Speaking I	3 hrs.					
ENG 1113 Comp. I	3 hrs.					
Math/Science Elective	3 hrs.					
SECOND SEMESTER SOPHOMORE						
AGT 2383 Grain Crops	3 hrs.					
AGT 2413 Weed Control	3 hrs.					
AGT 2923 Supervised Agricultural Exp. OR WBL 1923 Work-Based Learning OR Other AGR/AGT Elective	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
SUGGESTED ELECTIVE (with instructor's permission)						
AGT 2913 Special Problem	3 hrs.					
Total Hours: 62						
Advisor Initials:						
Date:						

*BIO 1313 can be substituted for AGR 1313.

HEATING, VENTILATION, AIR CONDITIONING, & REFRIGERATION TECHNICAL CERTIFICATE

Heating, Ventilation, Air Conditioning, & Refrigeration is a program of study that prepares individuals to work in engineering departments or private firms installing, maintaining, and operating small or medium air conditioning, heating, and refrigeration systems.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10 to be admitted to the program. Exceptions may be made with instructor permission for students who do not meet entrance requirements.

Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING
FIRST SEMESTER FRESHMAN				
ACT 1003 Intro to Heating and Air Conditioning Technology	3 hrs.			
ACT 1124 Basic Compression Refrigeration	4 hrs.			
ACT 1133 Brazing & Piping	3 hrs.			
ACT 1313 Refrigeration System Components	3 hrs.			
SECOND SEMESTER FRESHMAN				
ACT 1713 Electricity for HVAC/R	3 hrs.			
ACT 1213 Controls	3 hrs.			
ACT 2323 Commercial Refrigeration	3 hrs.			
ACT 2433 Refrigerant, Retrofit, & Regulations	3 hrs.			
FIRST SEMESTER SOPHOMORE				
ACT 2415 Air Conditioning I	5 hrs.			
ACT 2514 Heating Systems	4 hrs.			
ACT 2913 Special Projects	3 hrs.			
SECOND SEMESTER SOPHOMORE				
ACT 2425 Air Conditioning II	5 hrs.			
ACT 2624 Heat Load Calculation & Air Properties	4 hrs.			
ACT 2913 Special Projects	3 hrs.			
SUGGESTED ELECTIVES (with instructor's permission):				
ACT 292(1-6) Supervised Work Experience	1-6 hrs.			
Total Hours: 49				
Advisor Initials:				
Date:				

INDUSTRIAL MAINTENANCE A.A.S. DEGREE

The Industrial Maintenance program of study will prepare individuals for entry-level employment as multi-craft maintenance technicians. Industrial maintenance trade technicians are responsible for assembling, installing, maintaining, and repairing machinery used in the manufacturing or industrial environment. Instruction will include a variety of areas such as safety, machinery maintenance and troubleshooting/service, blueprint reading, basic machining operations, fundamentals of piping and hydro-testing, and fundamentals of industrial electricity. In addition, students will develop problem-solving skills in industrial electrical procedures, programmable logic controllers, and process control.

Admission Requirements

A minimum ACT score of 15 is required or applicants must score at the 10th grade level on the TABE Form 9/10 to be admitted to the program. Exceptions may be made, *with instructor permission*, for students who do not meet entrance requirements provided the student meets the requirements by the end of the first semester or has a 2.0 GPA.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
1st Semester Freshman						
IMM 1933 Manufacturing Skills Basic	3 hrs.					
IMM 1113 Industrial Maintenance Core and Safety	3 hrs.					
IMM 1213 Introduction to Industrial Maintenance	3 hrs.					
IMM 1153 Electrical and Instrumentation Level I	3 hrs.					
IMM 1243 Mechanical and Industrial Maintenance I	3 hrs.					
ENG 1113 English Comp I	3 hrs.					
2nd Semester Freshman						
IMM 1164 Electrical and Instrumentation Level II	4 hrs.					
IMM 1324 Motor Control Systems	4 hrs.					
IMM 1254 Mechanical and Industrial Maintenance II	4 hrs.					
IMM 1913 Special Projects in Industrial Maint Mech	3 hrs.					
Math/Science Elective	3 hrs.					
3rd Semester Sophomore						
IMM 1314 Principles of Hydraulics and Pneumatics	4 hrs.					
IMM 2214 Advance Electrical Industrial Maintenance	4 hrs.					
IMM 1813 Industrial Electricity Level 1	3 hrs.					
Public Speaking I	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
4th Semester Sophomore						
IMM 1734 Maintenance Welding and Metals	4 hrs.					
IMM 2613 Programmable Logic Controllers	3 hrs.					
IMM 2223 Advance Mechanical Industrial Maint.	3 hrs.					
Social/Behavioral Science	3 hrs.					
Suggested Electives (with instructor's permission)						
IMM 1922 Supervised Work Exp. Industrial Maint.	2 hrs.					
Total Hours:66						
Advisor Initials:						
Date:						

INDUSTRIAL MAINTENANCE TECHNICAL CERTIFICATE

The Industrial Maintenance program of study will prepare individuals for entry-level employment as multi-craft maintenance technicians. Industrial maintenance trade technicians are responsible for assembling, installing, maintaining, and repairing machinery used in the manufacturing or industrial environment. Instruction will include a variety of areas such as safety, machinery maintenance and troubleshooting/service, blueprint reading, basic machining operations, fundamentals of piping and hydro-testing, and fundamentals of industrial electricity. In addition, students will develop problem-solving skills in industrial electrical procedures, programmable logic controllers, and process control.

Admission Requirements

A minimum ACT score of 15 is required or applicants must score at the 10th grade level on the TABE Form 9/10 to be admitted to the program. Exceptions may be made, *with instructor permission*, for students who do not meet entrance requirements provided the student meets the requirements by the end of the first semester or has a 2.0 GPA.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
1st Semester Freshman						
IMM 1933 Manufacturing Skills Basic	3 hrs.					
IMM 1113 Industrial Maintenance Core and Safety	3 hrs.					
IMM 1213 Introduction to Industrial Maintenance	3 hrs.					
IMM 1153 Electrical and Instrumentation Level I	3 hrs.					
IMM 1243 Mechanical and Industrial Maintenance I	3 hrs.					
2nd Semester Freshman						
IMM 1164 Electrical and Instrumentation Level II	4 hrs.					
IMM 1254 Mechanical and Industrial Maintenance II	4 hrs.					
IMM 1324 Motor Control Systems	4 hrs.					
IMM 1913 Special Projects in Industrial Maint Mech	3 hrs.					
3rd Semester Sophomore						
IMM 1314 Principles of Hydraulics and Pneumatics	4 hrs.					
IMM 2214 Advance Electrical Industrial Maintenance	4 hrs.					
IMM 1813 Industrial Electricity Level 1	3 hrs.					
4th Semester Sophomore						
IMM 1734 Maintenance Welding and Metals	4 hrs.					
IMM 2613 Programmable Logic Controllers	3 hrs.					
IMM 2223 Advance Mechanical Industrial Maint.	3 hrs.					
Suggested Electives (with instructor's permission)						
IMM 1922 Supervised Work Exp. Industrial Maint.	2 hrs.					
Total Hours:51						
Advisor Initials:						
Date:						

PRECISION AG TECHNICAL CERTIFICATE

Precision Ag Technology is a program of study that teaches the student a working knowledge and understanding of remote sensing, global positioning systems, geographic information systems and variable rate technology, as well as practical, hands-on experience in an in-situ environment.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN						
AGT 1254 Geospatial Data Collection	4 hrs.					
AGT 2154 Geographic Information Systems I	4 hrs.					
AGT 2434 Crop Management Zones	4 hrs.					
AGT 2463 Insects & Controls OR AGT 2413 Weed Control	3 hrs.					
SECOND SEMESTER FRESHMEN						
AGT 1354 Remote Sensing	4 hrs.					
AGT 2164 Variable Rate Technology	4 hrs.					
AGT 2174 Agricultural GIS	4 hrs.					
AGT 2474 Site Specific Pest Management	4 hrs.					
FIRST SEMESTER SOPHOMORE						
AGR 1313 Plant Science OR BIO 1313 Botany	3 hrs.					
AGR 1112 Survey of Agriculture	2 hrs.					
AGT 1163 Spatial Information Systems	3 hrs.					
AGR 2314 Basic Soils	4 hrs.					
CSC 1123 Computer Applications OR LLS 1723 Employment Readiness	3 hrs.					
Total Hours: 46						
Advisor Initials:						
Date:						

PRECISION AG TECHNOLOGY A.A.S. DEGREE

Precision Ag Technology is a program of study that teaches the student a working knowledge and understanding of remote sensing, global positioning systems, geographic information systems and variable rate technology, as well as practical, hands-on experience in an in-situ environment.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMEN						
AGT 1254 Geospatial Data Collection	4 hrs.					
AGT 2154 Geographic Information Systems I	4 hrs.					
AGT 2434 Crop Management Zones	4 hrs.					
AGT 2463 Insects & Controls OR AGT 2413 Weed Control	3 hrs.					
SECOND SEMESTER FRESHMEN						
AGT 1354 Remote Sensing	4 hrs.					
AGT 2164 Variable Rate Technology	4 hrs.					
AGT 2174 Agricultural GIS	4 hrs.					
AGT 2474 Site Specific Pest Management	4 hrs.					
FIRST SEMESTER SOPHOMORE						
AGR 1313 Plant Science OR	3 hrs.					
AGR 1112 Survey of Agriculture	2 hrs.					
AGT 1163 Spatial Information Systems	3 hrs.					
AGR 2314 Basic Soils	4 hrs.					
CSC 1123 Computer Applications OR	3 hrs.					
SECOND SEMESTER SOPHOMORE						
COM/SPT 1113 Public Speaking I	3 hrs.					
Math/Natural Science Elective	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
ENG 1113 English Comp I	3 hrs.					
Total Hours: 61						
Advisor Initials:						
Date:						

PRECISION MANUFACTURING AND MACHINING TECHNICAL CERTIFICATE

Precision Manufacturing and Machining is a program of study that instructs its students in making computation relating to working dimensions, tooling, feeds, and speeds of machinery. Instruction in the laboratory is provided in the use of lathes, shapers, milling machine, grinders; the use of precision measuring instruments such as layout tools, micrometers, and gauges; methods of machining and heat treating and testing of various metals; and the reading of blueprint parts. Advanced training is available in technical mathematics, mechanical drawing, industrial psychology, safety, and shop management.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
MST 1313 Machine Tool Math	3 hrs.					
DDT 1513 Blueprint Reading	3 hrs.					
MST 1114 Power Machinery I	4 hrs.					
SECOND SEMESTER FRESHMAN						
MST 1124 Power Machinery II	4 hrs.					
MST 1613 Precision Layout	3 hrs.					
MST 1423 Advanced Blueprint Reading	3 hrs.					
DDT 1313 Computer Aided Design I	3 hrs.					
FIRST SEMESTER SOPHOMORE						
MST 2134 Power Machinery III	4 hrs.					
MST 2714 Computer Numerical Control Opr. I	4 hrs.					
DDT 1163 Engineering Graphics	3 hrs.					
SECOND SEMESTER SOPHOMORE						
MST 2724 Computer Numerical Control Opr. II	4 hrs.					
MST 2144 Power Machinery IV	4 hrs.					
DDT 1173 Mechanical Design I	3 hrs.					
SUGGESTED ELECTIVES (with instructor's permission)						
MST 291(1-3) Special Problem	1-3 hrs					
Total Hours: 45						
Advisor Initials:						
Date:						

PRECISION MANUFACTURING AND MACHINING TECHNOLOGY A.A.S. DEGREE

Precision Manufacturing and Machining Technology is a program of study that instructs its students in making computation relating to working dimensions, tooling, feeds and speeds of machinery. Instruction in the laboratory is provided in the use of lathes, shapers, milling machine, grinders; the use of precision measuring instruments such as layout tools, micrometers, and gauges; methods of machining and heat treating and testing of various metals; and the reading of blueprint parts. Advanced training is available in technical mathematics, mechanical drawing, industrial psychology, safety, and shop management.

Admission Requirements

Students must submit a composite score of 14 or higher on the ACT. Students who do not have an ACT score, must score at the 9th grade level or higher on the TABE, Form 9/10. Exceptions may be made with instructor permission for students who do not meet entrance requirements.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING	FALL	SPRING
FIRST SEMESTER FRESHMAN						
MST 1313 Machine Tool Math	3 hrs.					
DDT 1513 Blueprint Reading	3 hrs.					
MST 1114 Power Machinery I	4 hrs.					
ENG 1113 Comp I	3 hrs.					
SECOND SEMESTER FRESHMAN						
MST 1124 Power Machinery II	4 hrs.					
MST 1613 Precision Layout	3 hrs.					
MST 1423 Advanced Blueprint Reading	3 hrs.					
DDT 1313 Computer Aided Design I	3 hrs.					
Social/Behavioral Science Elective	3 hrs.					
FIRST SEMESTER SOPHOMORE						
MST 2134 Power Machinery III	4 hrs.					
MST 2714 Computer Numerical Control Opr. I	4 hrs.					
DDT 1163 Engineering Graphics	3 hrs.					
Math/Natural Science Elective	3 hrs.					
SECOND SEMESTER SOPHOMORE						
MST 2724 Computer Numerical Control Opr. II	4 hrs.					
MST 2144 Power Machinery IV	4 hrs.					
DDT 1173 Mechanical Design I	3 hrs.					
COM/SPT 1113 Public Speaking I	3 hrs.					
Humanities/Fine Arts Elective	3 hrs.					
SUGGESTED ELECTIVES (with instructor's permission)						
MST 291 (1-3) Special Problem	1-3 hrs.					
MST 2923 Supervised Work Experience	3 hrs.					
Total Hours: 60						
Advisor Initials:						
Date:						

WELDING CAREER CERTIFICATE

Welding is a program of study designed to develop skills in various methods of welding. During the first semester, the student is taught the use of the arc welder, oxyacetylene torch, and plasma arc cutter. Classroom instruction is also received in blueprint reading, welding metallurgy, welding theory, and types of welding machines. During the second semester, students are taught the use of mig welder and tungsten inert gas techniques on both ferrous and non-ferrous materials. In addition, students are taught flux core arc welding (in all positions) as well as welding inspection and testing principles.

REQUIRED COURSES:		PREV TAKEN	FALL	SPRING
FIRST SEMESTER				
WLT 1115 Shield Metal Arc Welding I	5 hrs.			
WLT 1173 Introduction to Welding and Safety	3 hrs.			
WLT 1225 Shield Metal Arc Welding II	5 hrs.			
WLT 1313 Cutting Processes	3 hrs.			
SECOND SEMESTER				
WLT 1124 Gas Metal Arc Welding	4 hrs.			
WLT 1135 Gas Tungsten Arc Welding	5 hrs.			
WLT 1143 Flux Cored Arc Welding	3 hrs.			
WLT 1232 Blueprint Reading, Welding and Metallurgy	2 hrs.			
SUGGESTED ELECTIVES				
WLT 1913 Special Problem OR WLT 1923 Supervised Work Experience	3 hrs.			
Total Hours: 30				
Advisor's Initials:				
Date:				