

2010-2011 CATALOG UPDATES

The following information includes changes to the printed version of the catalog.
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Printed Catalog Page Number	Web Catalog Page Number	
ADMISSIONS INFORMATION		
Page 12	Page 12	Heading should read . . . ADMISSION PROCEDURES FOR NURSING PROGRAMS 2011-2013 ADN Class and 2012 PNE Class
Page 13	Page 13	Item E. ii. should read as follows: Students seeking admittance to the ADN program at Surry Community College are required to take Version V of the TEAS test, offered by the college in February 2011. Previous versions of the TEAS test cannot be used as a substitute for this newer version. Students must meet the benchmark set for the Surry Community College nursing programs, and there is no way to convert scores from previous versions of the TEAS test to a score in the newest version. Students may take the test no more than twice annually, and no more frequent than once every 6 months in order to qualify for consideration into the program.
Page 13	Page 13	Item E: add iv. as follows: iv: Students who seek admittance to the LPN-ADN or the PNE nursing programs at Surry Community College are required to take Version V of the TEAS test, offered by the college in June 2010. Previous versions of the TEAS test cannot be used as a substitute for this newer version. Students must meet the benchmark set for the Surry Community College nursing programs, and there is no way to convert scores from previous versions of the TEAS test to a score in the newest version.
STUDENT-RELATED POLICIES		
Page 24	Page 24	Replace "Tobacco Use Policy" with "100% Tobacco-Free School Policy"
		Addition: "Religious and Non-Religious Observance Policy"
		Addition: "Copyright Infringement Policy" Click here for link to Copyright Infringement Policy.
CURRICULUM PROGRAMS AND ACADEMIC SUPPORT SERVICES		
Page 41	Page 43	Revised: COMPUTER RESOURCES Surry Community College has several computer labs that are available for use by students. These labs are available for computer classes, computer-related classes, and for computer-assisted instruction. Internet access is available for class and research use by faculty, staff, and students in selected labs (E148, H265, H273) and the Learning Resources Center (Library, first floor).

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CREDIT & GRADING ISSUES		
Pages 48-49	Pages 50-51	Revised Tech Prep Articulation Agreement (Updated July 2010) .
COSTS AND STUDENT FINANCIAL AID		
Pages 60 & 61	Pages 62 & 63	Tuition costs have changed to the following: In-state Tuition: \$56.50 per credit hours/maximum \$904 Out-of-State Tuition: \$248.50 per credit hours/maximum \$3,976
PROGRAMS OF STUDY		
Page 93	Page 95	Remove ART 130 and ART 140 from AAS elective options.
Page 94	Page 96	Omit CMT 216 from Co-op Elective Options for Construction Management Technology Degree
Page 95	Page 97	Add Physical Therapist Assistant to Associate in Applied Science program listing
Page 97	Page 99	ADD ACC 255 – Cost Accounting to 2 nd Fall Semester of Accounting Technology Degree Change Total Credit Hours to 72
Page 98	Page 100	Remove GRD 180 from elective list at bottom of page.
Page 108	Page 110	2 nd Spring Semester: Where it lists CMT 216 “or COE” should be removed.
Page 109	Page 111	Total Credit Hours: 40 for Construction Technology: Carpentry Diploma
Page 112	Page 114	Early Childhood Associate Degree/2 nd Fall Semester: Change hours from 18/10/19 to 18/0/18
Page 118	Page 120	Changes to Horticulture Diploma : Replace AGR 110 with AGR 139 Replace AGR 214 with HOR 273 Total hours for semester: 2/12/4 Total credit hours: 37 Changes to Horticulture Degree : Replace AGR 110 with AGR 139 Replace AGR 214 with HOR 273 Total hours for semester: 11/28/16 Total credit hours: 65 Delete COE 111 from Electives List Add: Sustainable Horticulture Certificate C15240 Fall Semester AGR 139 Sustainable Agriculture 3/0/3 HOR 166 Soils and Fertilizers 2/2/3 HOR 142 Fruit and Vegetable Production 1/2/2 HOR 162 Applied Plant Science 2/2/3 Fall, Spring, and Summer: COE 112 Co-op Work Exp 0/20/2
Page 119	Page 121	2 nd Spring Semester Delete AHR 160 from the program of study. Semester hours change to 13-15-18 . Overall Program credits change to 74 .

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Page 121	Page 123	Delete “Pending State Approval” from Information Systems Security. Program is now approved by the state.
Page 122	Page 124	2 nd Fall Semester of Machining Technology Diploma program should read: MAC 122 CNC Turning
Page 125	Page 127	2 nd Spring Semester Should be PSY 118 not PSY 1118.
Page 134	Page 136	Under Curriculum Description: Remove paragraph beginning “Surry Community College has been granted . . .” and replace with: “The Physical Therapist Assistant program at Surry Community College is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703-706-3245; email: accreditation@apta.org; website: www.capteonline.org.”

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New Certificate	<p style="text-align: center;">Sustainability Technologies - C40370</p> <p>Curriculum Description The Sustainability Technologies curriculum is designed to prepare individuals for employment in environmental, construction, alternative energy, manufacturing, or related industries, where key emphasis is placed on energy production and waste reduction along with sustainable technologies. Course work may include alternative energy, environmental engineering technology, sustainable manufacturing, and green building technology. Additional topics may include sustainability, energy management, waste reduction, renewable energy, site assessment, and environmental responsibility. Graduates should qualify for positions within the alternative energy, construction, environmental, and/or manufacturing industries. Employment opportunities exist in both the government and private industry sectors where graduates may function as manufacturing technicians, sustainability consultants, environmental technicians, or green building supervisors</p> <p style="text-align: center;">SUSTAINABLE TECHNOLOGIES ALTERNATIVE ENERGY CERTIFICATE C40370</p> <p>Fall Semester</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">ALT 120</td> <td style="width: 45%;">Renewable Energy Tech</td> <td style="width: 10%; text-align: center;">2</td> <td style="width: 10%; text-align: center;">2</td> <td style="width: 10%; text-align: center;">3</td> </tr> <tr> <td>ALT 220</td> <td>Photovoltaic Sys Tech</td> <td style="text-align: center;">3</td> <td style="text-align: center;">0</td> <td style="text-align: center;">3</td> </tr> <tr> <td>SST 110</td> <td>Intro to Sustainability</td> <td style="text-align: center;"><u>3</u></td> <td style="text-align: center;"><u>0</u></td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">8</td> <td style="text-align: center;">2</td> <td style="text-align: center;">9</td> </tr> </table> <p>Spring Semester</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">ISC 220</td> <td style="width: 45%;">Lean Manufacturing</td> <td style="width: 10%; text-align: center;">2</td> <td style="width: 10%; text-align: center;">2</td> <td style="width: 10%; text-align: center;">3</td> </tr> <tr> <td>SST 130</td> <td>Modeling Renewable Energy</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> </tr> <tr> <td>ALT 240</td> <td>Wind & Hydro Power Syst</td> <td style="text-align: center;"><u>2</u></td> <td style="text-align: center;"><u>2</u></td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">6</td> <td style="text-align: center;">6</td> <td style="text-align: center;">9</td> </tr> </table> <p style="text-align: right;">Total Credit Hours 18</p>	ALT 120	Renewable Energy Tech	2	2	3	ALT 220	Photovoltaic Sys Tech	3	0	3	SST 110	Intro to Sustainability	<u>3</u>	<u>0</u>	<u>3</u>			8	2	9	ISC 220	Lean Manufacturing	2	2	3	SST 130	Modeling Renewable Energy	2	2	3	ALT 240	Wind & Hydro Power Syst	<u>2</u>	<u>2</u>	<u>3</u>			6	6	9
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COURSES OF INSTRUCTION	
Course Changes/Additions:	<p>ACC 225 Cost Accounting (3/0/3) FA Prerequisites: ACC 121 Corequisites: None This course introduces the nature and purposes of cost accounting as an information system for planning and control. Topics include direct materials, direct labor, factory overhead, process; job order, and standard cost systems. Upon completion, students should be able to demonstrate an understanding of the principles involved and display an analytical problem-solving ability for the topics covered.</p>
	<p>AGR 139 Intro to Sustainable Ag (3/0/3) FA Prerequisites: None Corequisites: None This course will provide students with a clear perspective on the principles, history and practices of sustainable agriculture in our local and global communities. Students will be introduced to the economic, environmental and social impacts of agriculture. Upon completion, students should be able to identify the principles of sustainable agriculture as they relate to basic production practices.</p>
	<p>ALT 120 Renewable Energy Tech (2/2/3) FA Prerequisites: None Corequisites: None This course provides an introduction to multiple technologies that allow for the production and conservation of energy from renewable sources. Topics include hydro-electric, wind power, passive and active solar energy, tidal energy, appropriate building techniques, and energy conservation methods. Upon completion, students should be able to demonstrate an understanding of renewable energy production and its impact on humans and their environment.</p>
	<p>ALT 220 Photovoltaic Sys Tech (2/3/3) FA Prerequisites: None Corequisites: None This course introduces the concepts, tools, techniques, and materials needed to understand systems that convert solar energy into electricity with photovoltaic (pv) technologies. Topics include site analysis for system integration, building codes, and advances in photovoltaic technology. Upon completion, students should be able to demonstrate an understanding of the principles of photovoltaic technology and current applications.</p>
	<p>ALT 240 Wind & Hydro Power Sys (2/2/3) SP Prerequisite: None Corequisites: None This course introduces concepts, designs, tools, techniques, and material requirements for systems that convert wind and water into usable energy. Topics include the analysis,</p>

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	<p>measurement, and estimation of potential energy of wind and water systems. Upon completion, students should be able to demonstrate an understanding of the technologies associated with converting wind and water into a viable energy source.</p>
	<p>CAR 110 Introduction to Carpentry (2/0/2) FA Prerequisites: None Corequisites: None This course introduces the student to the carpentry trade. Topics include duties of a carpenter, hand and power tools, building materials, construction methods, and safety. Upon completion, students should be able to identify hand and power tools, common building materials, and basic construction methods.</p>
	<p>EDU 261 Co-requisite: EDU 119</p>
	<p>HOR 273 Hor Mgmt & Marketing (3/0/3) FA Prerequisites: None Corequisites: None This course covers the steps involved in starting or managing a horticultural business. Topics include financing, regulations, market analysis, employer/employee relations, formulation of business plans, and operational procedures in a horticultural business. Upon completion, students should be able to assume ownership or management of a horticultural business.</p>
	<p>ISC 220 Lean Manufacturing (2/2/3) SP Prerequisites: None Corequisites: None This course introduces students to the concept of lean manufacturing as a means of waste reduction. Topics include the examination of manufacturing operations and the incorporation of lean techniques to reduce waste, cost, time, and materials in manufacturing processes. Upon completion, students should be able to demonstrate an understanding of lean manufacturing systems and how they benefit the environment and business.</p>
	<p>DELETE: MAT 140A</p>
	<p>MAT 151 Co-requisite MAT 151A</p>
	<p>DELETE: MAT 155 AND MAT 155A</p>
	<p>MAT 167 Discrete Mathematics (3/0/3) SP Prerequisites: MAT 121, MAT 161, MAT 171, or MAT 280 Corequisites: None This course is a study of discrete mathematics with emphasis on applications. Topics include number systems, combinations/permutations, mathematical logic/proofs, sets/counting, Boolean algebra, mathematical induction, trees/graphs, and algorithms. Upon completion, students should be able to demonstrate competence in the topics covered. <i>This course has been approved for transfer under the Comprehensive Articulation Agreement as a premajor and/or elective course requirement.</i></p>
	<p>MAT 171 Co-requisite: MAT 171A</p>
	<p>MAT 172 Co-requisite: MAT 172A</p>

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	MAT 175 Co-requisite: MAT 175A
	MED 260 Pre-requisites: MED 122, MED 240, MED 272 and successful completion of first three semesters of study.
	SST 130 Modeling Renewable Energy (2/2/3) SP Prerequisites: None Corequisites: None This course introduces software and other technologies used for modeling renewable energy systems. Topics include renewable energy modeling software applications, data analysis, renewable energy sources, and cost of renewable energy systems. Upon completion, students should be able to use appropriate technology to model the effectiveness of renewable energy systems.