

2010-2011 Prioritized Planning Objectives

Department	SRG #	Objectives/Intended Outcomes	Justification			Assessment Criteria	Votes
			Impact on Student Learning	Number of Students to Benefit	Time Line to Completion		
Information Technology - 1	8.3	To replace an aged server that cannot continue to support the critical applications that it is running. The server is our network backup server and our computer-images server. We have almost maxed it to capacity. We need to replace it with 2 servers, one for each critical application. The existing server can be used for the new Datatel interface requirements (UI 4.0) that should be implemented within the next 12 months. We will have to cascade this server or purchase a new one for the Datatel UI 4.0 upgrade. By approaching the demands with this solution, we will maximize our use of resources.	All of the college's software images, including the ones for student computers, are maintained on the server that needs replacing. All non-Datatel applications are backed up on this server daily, including the student servers.	100%	June 30, 2011	Users will continue to have dependable, uninterrupted services. College backups and computer images will be properly maintained.	21
VP Student Services	8.1	To purchase print management software for the Open Computer Lab in MAG 215 which will facilitate better management of printing resources and will minimize printing costs by charging students for print jobs and by reducing accidental paper wastage and abusive printing.	It will charge students for print jobs, thus allowing costs of printing to be allocated more fairly. It will allow students to better manage their own print jobs.	All students who use the Open Computer Lab.	June 30, 2011	Printing costs for the Open Computer Lab should be reduced significantly, possibly by as much as 20%.	21
Animal Science	8.1	To provide a presence on our campus (specifically in the Applied Animal Science) of a widely used technology in animal agriculture by integrating hands-on setting and to bring our instruction in this area up to current state-of-practice standard.	It would give students in ANS the opportunity to perform a range of hands on simulations involving beef, dairy, goat, horse, swine, poultry, sheep as well as dogs. Students would perform situational assessments of animals similar to those performed within the animal production industry including medication administration and medication labeling.	Thirty students within the applied animal science program would directly benefit from the equipment.	The proposed time line would be completion by Fall 2010 to benefit Applied Animal Science.	At least 95% of students surveyed within the program will indicate satisfaction with the program and the availability of hands on, practical lab experiences. At least 95% of advisory committee members and employers of students will indicate improvements in student efficiency at the workplace.	20
Aviation - 1	8.3	The on-going goal of the aviation program is to continue to improve and update class and lab instruction by adding real life application through the use of state of the art technology and equipment.	Most of the equipment in the hangar at the present time is outdated and nonfunctional and is no longer supported by the manufacturer. Updating the equipment will enable the students the ability to become familiar with and the use of state of the art equipment for the fabrication and repair of aircraft sheet metal structures.	Students enrolled in Aviation program.	Fall 2010	Aviation students will have access and training to state of the art technology on actual operation, testing and troubleshooting of aircraft and related systems. Students will be able to demonstrate a higher level of proficiency in relating theory and operation.	20
Welding Technology	8.1	The addition of 2 MIG welders will provide WCC MIG welding students in Curriculum and ConEd education classes with increased hands on training. The purchase of an additional MIG welder will also enable us to use our current space more effectively and provide the larger number of students with a better overall learning experience. Accomplishing this objective of adding additional welders to the WCC welding shop will increase the employability of our graduates.	To ensure students are job ready, we rely on hands on training. It is imperative that each student is able to spend the time necessary on shop activities and are able to produce different types of projects in order to gain the experience required in the work force. Currently all of the welders are stationary. This becomes a problem when students are working on a larger scale projects. The proposed would be mobile which would enable students to move the welder when needed. The mobility would also help the increase of students in that the welder could be moved from station to station as opposed to the students having to move the setup of their projects to the welder. Also, it would be able to weld all three processes.	The Welding Program has experienced a consistent increase in students. The student number in the Curriculum Welding Classes have remained steady at 15-18 students. The ConEd weekly class has between 10 -15 in attendance each week and the Saturday ConEd class averages 20+ students. During the course of a week, there are around 90 different students that are participating in WCC's welding classes.	Time line for delivery and installation of the new MIG welding machines could be 3 - 4 weeks after order is placed.	Survey employers and advisory committee to determine the improvement in student training with additional equipment.	19
Information Systems - 1	8.3	Upgrade two computer labs to meet Wake Technical Community College Level-Three ISA requirements for the continued instruction of the Simulation and Game Development (SGD) program. The latest version of the required software will not run on 32-bit computers, and thus the PCs themselves must be replaced with 64-bit computers to handle the latest software required to offer the SGD program.	The latest revision of the ISA agreement with Wake Tech includes SGD 117 – Art for Games, which is scheduled to be taught for the first time Fall 2010. This paired with increased enrollment in the SGD program and increased utilization of the Spruce 232 Information Systems Tutorial Center (ISTC) requires the upgrade of two labs capable of running the software needed for the SGD program.	Approximately 60 students taking SGD courses and over 100 students utilizing 750-1,000 hours in the ISTC per semester.	Purchase and install the new computers and software no later than the start of Fall 2010.	Wayne Community College will remain eligible to offer the Simulation and Game Development Program according to the Level-Three Instructional Service Agreement with Wake Technical Community College. The full first year of the SGD program will be offered at Wayne Community College included all elective courses such as SGD 117- Art for Games throughout the Fall 2010 and Spring 2011 semesters.	18

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Practical Nursing - 1	2.1	Replace old 1997 Scantron technology. The faculty will utilize more efficient, high-quality test scanning technology in order to increase student success in nursing programs and on national licensure exams. High-quality test scanning technology allows faculty the resources to be utilized for direct student contact, counseling, and interaction, contributing to an increase in student satisfaction and retention. In addition, data will be provided that will be utilized in the NLNAC accreditation & NCBON approval processes.	The department purchased the current test scanning technology in 1997. The software package only runs on Windows 98. With the current operating system upgrades on campus, the information systems department has been utilized multiple times to repair on the computer and scanning due to it becoming nonfunctional with these upgrades. Test construction and analysis is an intricate part of the overall educational process. Improved current testing assessment, scoring method, and score return times through the implementation of high-quality, modern testing scanning technology is imperative to quality education and continuous program evaluation.	116 and 10 nursing faculty.	September 2010	1) Nursing faculty will utilize modern scanning technology as a tool to aid in test analysis and construction each semester. 2) Test blue prints will reflect decisions used from item and overall test analysis in all nursing courses. 3) Students will strongly agree or agree on course evaluations that the nursing course increased their nursing knowledge and confidence in critical thinking. 4) Nursing graduates will achieve 95% passage rate on National Licensure exams.	18
Autobody Repair - 1	8.1	To provide a safe environment for lab activities, demonstrations, and evaluations while making necessary upgrades and improvements to meet NATEF requirements and provide students with up-to-date technology. Since the new body shop lab area will be the primary location for all sanding and painting operations, the facility needs to be equipped with a vacuum system to provide dustless sanding capability. All pneumatic sanders will be connected to this system to extract the dust from the sanding area, helping to keeping breathing hazards to a minimum.	Dustless sanding capability is a NATEF requirement and is the standard for safety in the industry.	This equipment will affect up to twenty Autobody Repair students.	This upgrade should be in place by Fall 2010.	Compare the air quality in the lab now versus with the dustless sanding system.	17
Information Technology - 2	8.3	To update the printing solutions software for Datatel (Formlaser) before we are forced to do so on their schedule, not ours. The version we are using has never been updated. With the new version, we will not have to hire Source4 to update our tax forms every year and we will be able to create our own new forms.	This software enables transcripts and other student documents to be printed.	100%	June 2011	Users will not experience any interruptions or issues caused by using outdated printing solutions. WCC will save the cost of hiring Source4 to update and/or create new Datatel print forms.	17
Foundation	8.2	The Foundation is still experiencing phenomenal growth. With the purchase of the Raisers Edge Software, we have been able to see a direct increase in our revenues. In order to sustain this level of growth, The Foundation either needs to hire extra manpower or purchase additional Raiser's Edge software to support our growth. Raiser's Edge NetSolutions will enhance the Foundation office's fundraising abilities. The Foundation would be able to accept online donations, reservations for golf tournament, gala, arts and humanities programs and reach out to alumni. Also we would be able to deepen relationships with personalized email and newsletters. Gifts are given online through custom web pages. Effects on the College's Information Technology resources are minimum. NetSolutions is hosted on Blackboard's server.	Indirectly/supports Foundation Office and Business Office in the awarding of scholarship money to students.	All students applying and receiving scholarships	December 2010	Foundation will be able to better manage all aspects of giving and data entry which will free up employee's time to do other important tasks.	16
Dental Assisting - 2	8.1	To provide students access to state-of-practice technology. The VALO LED Curing Light is rapid cure technology which is proven to decrease clinical procedure time. Due to the rapid curing ability of the light, environment sensitive procedures have an increased success rate, which can reduce student error on procedures.	This equipment will allow for students to complete procedures in a timely manner and reduce student operator error; the students will be able to achieve desired outcomes more efficiently. Students will also be exposed to state-of-practice technology.	30 Dental Hygiene Students in their second year of study and 24 Dental Assisting Students	December 2010	Qualitative Data: Students and instructors will express satisfaction with ease of use and decreased procedure time.	14

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Pre-Curriculum	1.2	To increase student learning by providing six multi-use classrooms in the WLC Building with the equipment necessary to utilize multimedia enhanced presentations in sections of Pre-Curriculum. This multimedia will include basic PowerPoint presentations, Lab Assignments, and other instructional technology.(Objective addresses Strategic Area of Emphasis #2: Teaching and Learning Enhancements – Program and Service Development.)	All instructors will have the ability to utilize software programs and course lab components as part of their teaching strategies. ; Internet access will allow instructors to access relevant teaching material via the web. ; Ability to show notes/create notes right on the projector (on top of the material already projected). ; Students can see better and focused attention is on the material rather than the instructor. ; Priority to add this technology to English and Reading courses. WLC 217, 213, 206, 207, 209, 214	700-900 students per semester will benefit from the use of the Symposium devices. Students who are enrolled in a variety of courses offered by Pre-Curriculum annually meet in these classrooms. These courses include English 080, English 090, Math 060, Math 070, and Math 080.	Completion date: August 2010	Pre-Curriculum will utilize technology in their classes, which will be documented on their yearly evaluations. Student surveys will demonstrate that 70% of students show satisfaction with the use of multimedia enhanced instruction.	14
Dental Assisting - 1	2.1	To provide students with necessary learning materials to perform dental auxiliary functions. There are five properly functioning model trimmers in use in the dental department lab, while a sixth model trimmer is in disrepair as it leaks copious amounts of water onto the floor of the classroom and vibrates excessively, which prevents precise and effective trimming of dental models. Repair attempts have been made unsuccessfully. A replacement model trimmer is required for the dental laboratory area to be used maximally during preclinical courses and open lab time.	This equipment will allow students to learn and practice laboratory skills and fabricate clinically acceptable dental models.	24 Dental Assisting Students; 30 Dental Hygiene Students in their second year of study	December 2010	Students will demonstrate the ability to fabricate acceptable dental models, as defined by the instructors. Instructors will express satisfaction with the trimming of dental models and the proper functioning and ease of use of the model trimmer.	13
Arts & Sciences (Academic Skills Center)	8.1	To increase accessibility to MyMathLab in the Supplemental Instruction room (WLC 250) by adding six computers (Dell 5150 or better) increasing current capacity of two computers to a total of eight computers.	Increasing the accessibility to MyMathLab for Math 060, 070, and 080 students in the Supplemental Instruction (SI) room will allow more students to access MyMathLab while being tutored. Student learning will be facilitated by receiving immediate feedback on math concepts relating to questions as students are utilizing MyMathLab.	The all students enrolled in Math 060, 070, and 080 that utilize SI will benefit from the increase in accessibility to MyMathLab. 256 students or 41.5% students in Fall 2009 semester who received a grade with a total of 1949.82 contact hours.	To be completed by Aug 19, 2010 or as soon as practical.	Assessment will be made by measuring student visits, enrollment, and hours in the Supplemental Instruction Lab (SP2009: 1816, 256, and 1050 respectively) . An increase of 20% over current may be expected. Additionally, student satisfaction, retention and success in pre-curriculum mathematics courses would also be enhanced.	12
Automotive - 1		To increase student exposure and skill sets by providing accessibility to state-of-the-art equipment more found in the industry.	WCC only has one of each type of equipment required by NATEF to teach the Steering & Suspension Systems classes. Students are unable to gain the necessary skills to become proficient due to a 20:1 student/equipment ratio. Many students do not get a chance to spend the time to match their learning styles with these limitations which defeats the hands-on approach. Additionally this equipment accounts for a small percentage of what modern equipment is found in the industry. Currently the alignment equipment will not service beyond a 2003 yr model whereas the new equipment is up-to-date. Currently we do not have the potential to perform additional industry training in this area because we do not have the equipment.	a) Current curriculum enrollment: approx 50; b) Potential non- curriculum students for industry training (new): hundreds per year; c) Future Program development (High School/ AYES academy): approx 20 per year; d) Future Program development (Auto-body degree program): approx 20 per year.	In order to satisfy the "Justification" items 1 and 2 above, implementation of this objective should occur within one year.	a) Increase in the number of students that master NATEF tasks associated to Steering & Suspension Systems (recorded in NATEF Task Assistant). b) Positive feedback noted by advisory committee members as to increased flexibility of students who benefit from this objective (two advisory committee meetings per year- minutes from meetings). c) Co-op students may receive improved positive remarks from employers during co-op visits (as will be documented in co-op books)	12
Educational Support Technology	8.1	To accommodate faculty and staff needs of ceiling mounted projectors data projectors and cascaded PCs where computer presentation technology is required. Projected rooms for install: Pine 220, Magnolia 101, Wayne Learning Center (WLC) 206, Spruce 234, and Magnolia 105. Power will have to be installed regardless of placement. All wiring fees have been accommodated in quote.	More convenient access to multimedia and presentation tools in the classroom will: a) Create an optimum student learning environment that will reach a broader range of student learning styles. b) Encourage more faculty to incorporate various multimedia and technological applications in their teaching methodologies.	All students, visitors, and employees would benefit.	If funds approved December 2010- could have equipment and installation completed Spring 11.	Annual evaluations of the Educational Support Technologies Department will indicate satisfaction with the availability of presentation technology in the classrooms.	12

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Medical Lab Sciences - 1	8.1	Equip the Medical Assisting Lab with a deluxe blood pressure skills training model that will provide quality educational experiences to assist students in effectively obtaining vital signs (a required competency according to AAMA/CAAHEP standards.)	The Medical Assisting Student will learn how to obtain blood pressures correctly and efficiently. The students will be able to practice listening to and distinguishing blood pressure sounds prior to actual clinical experience. The five Korotkoff phases will be audible. The lifelike simulator will allow the instructor to preset the values of the pressures and unfailingly know if the student has performed the procedure accurately. Accurate evaluation of student proficiency will increase the self confidence of the student.	50 Medical Assisting Students	Fall 2010	(1) Students will practice skills in a lab setting using the blood pressure skills model. (2) Students will rate the equipment as "effective" to "highly effective" in assisting them to master skills. (3) Students will perform vital signs procedures which is a required competency according to the AAMA/CAAHEP standards.	12
Agribusiness	8.2	Black and White Printer will allow instructors to print documents from the PC in MAG 209.	This will allow quick hands-on examples found during lecture.	All students in Agriculture and Natural Resources approximately 200+	Fall 2010	Printer will be in place and documents will be able to be printed and presented to students or instructors.	11
Dental Hygiene - 2	8.1	To make available adequate pieces of state-of-practice technology for utilization by students. There is currently one KavoDiagnodent for use by all students while in clinic, which prevents the students from accomplishing their clinical goals in a timely manner to fulfill their course requirements. The KavoDiagnodent is a critical piece of equipment used for the identification of carious lesions for determining the appropriate use of sealants on teeth.	This equipment will allow for students to more readily access equipment necessary for progression through clinical procedures.	30 Dental Hygiene Students in their second year of study	Fall 2010	Qualitative Data: students and instructors will express satisfaction with access to equipment for clinical use.	11
Basic Skills	5.2	To update instruction by replacing 25 worn and outdated computer tables in the Basic Skills computer assisted training lab (CAT Lab). The current tables have been in use since 1992 and have no work surface making working at our computer stations both cumbersome and often impossible for students to take notes or refer to other instructional materials.	Updated computer tables will give us the flexibility of a more versatile lab setting by offering a better work surface and thus an environment more conducive to learning.	Currently, 75 to 100 students use the CAT lab computers for an average of 375 hours each day. Over the next year, we anticipate this number to increase by 20% in daily usage.	Order and install by October 1, 2010.	By May, 2011, a student survey will show a 90% positive response to the versatility and ease of use for the 36 inch wide computer tables.	10
Criminal Justice Technology & Latent Evidence	8.1	To allow faculty and students the ability to utilize power point technology, interactive media, and videos in their courses by purchasing two lap-tops to accommodate all programs.	All Public Safety curriculum instructors who will have the opportunity to utilize power point technology, response card ("clicker") technology, interactive media, and videos as part of their teaching strategies. Currently, all instructors in the Division use this advance technology in their classes. However, the current equipment is outdated. Instructors would incorporate more technology in the classes if the current equipment was up to date. This new technology is needed to help prepare students for future employment where they are expected to be able to use technology in the work place. Due to overlapping class times curriculum instructor would have access to the appropriate equipment for each class session.	This academic year, there were over 120 students in seated classes and 60 students in on-line classes. We anticipate an increase in enrollment for 2010-2011 as well as the continued development of additional on-line courses to meet student needs.	Courses beginning in August of 2010, this new technology should be in place no later than December 2010.	Public Safety faculty will improve instruction by utilizing the computer as a tool allowing the enhancement and expanding learning opportunities for students. Approximately 85 – 90% of the students will express increased satisfaction when surveyed with learning opportunities in all facets of criminal justice.	10

2010-2011 Prioritized Planning Objectives

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Machining Technology - 1	8.2	The addition of an office mill to WCC's Machining program will provide the necessary equipment needed to get involved in training students at the local high schools. This would expand and improve the accessibility of the Machining Technology program by creating opportunities to recruit and train high school students. The office mill will enhance the already proven internet based curriculum by giving students a chance to practice what they have learned on the simulation software. This will be the next step in a forward movement to create a Machining Technology Academy at C.B. Aycock high school. The machine will help engage students and reinforce learning outcomes at the same time as recruiting students into the AAS program.	The new office mill will allow students to gain a better understanding of the subject matter that has already been introduced in the internet based simulation software. This will be done by engaging the students in hands-on projects that are required in the machining courses.	All students enrolled in the following programs will benefit from the addition of an office mill: Machining Technology, Mechanical Engineering Technology, all high school students enrolled in machining courses. The machine will also allow the Machining Technology Department to hold competitions that entail part design and manufacture in conjunction with state and national level clubs such as SKILLS-USA.	Equipment will be purchased and installed in Fall 2010.	Survey employers and advisory committee to determine the improvement in student training with the new technology.	10
Mathematics	8.2	The Math Department faculty will learn how to develop, facilitate, and assess online classes by taking four courses in the Carolina Online Teacher Program with LEARN NC. The faculty will learn the component skills of online teaching: effective collaboration and facilitation, creating learning communities, navigating the virtual classroom, and developing student-centered instruction. The four courses from LEARN NC are: Teaching Online Courses, Facilitating Online Collaboration, Assessment and Evaluation in Your Online Course, Developing Your Online Course.	Learning in the online class will be comparable to the face-to-face class because of the incorporation of best practices in online teaching. More students will take math classes online and be successful.	Students enrolled in MAT 115 (40), 140 (40), 151 (40), 161 (60), 171 (40), and 172 (40); total = 260 students a year.	May 2011	a) MAT 140 and MAT 151 will be new courses offered online ; b) faculty will incorporate strategies learned into the online courses; c) students will be more successful in the online courses.	10
Student Activities	4.2	To upgrade the security cameras in the student lounge by purchasing 4 new cameras and software. The new camera system will operate through the network / server.	Students learn in environments that they deem safe. This will help to create a safer learning environment for our students.	This will benefit the entire student body.	The timeframe for implementation will be Fall 2010.	By upgrading the security camera system, in the student lounge, this will not only give better and clearer playback, the new system will also have the capacity to zoom during playback. The current system does not have this capability. This will foster a more safe, comfortable, and secure environment for all of our students as they use the student lounge.	10
Automotive - 2	8.2	To acquire the necessary resources to train students enrolled in multiple fields of study on such subjects as hybrid theory, basic operation, safety requirements, and hands on repair of Hybrid Electric Vehicles (HEV's).	The increase of hybrid electric vehicles on the road today has lead to an increased need for service and safety training associated with these vehicles. Primarily, these materials are needed to train automotive students in hybrid theory, basic operation, safety requirements, and hands on repair of HEV's. Secondly, these items are needed to train autobody students in safety requirements and repair associated with structural damage on HEV's. Additionally, training can benefit students enrolled in programs within the WCC Public Safety Division on safety practices associated with accidents involving HEV's. Also through continuing education, training can be provided to local industry on operation, safety requirements, and hands on repair of HEV's.	a) Automotive & Autobody curriculum enrollment: approx 50 per year; b) Potential non- curriculum students for industry training (new): hundreds per year; c) Public Safety Division students: hundreds per year	In order to satisfy the "justification" items 1 and 2 above, implementation of this objective should occur within one year.	Through the introduction of new curriculum materials, automotive& autobody students will be able to perform skills associated with electric hybrid vehicle technology safety and service. Feedback from the Public Safety Division indicating an enhanced understanding of the dangers and safety requirements related to HEV's.	9

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Language & Communication	8.1	To increase student learning by providing two (3) multi-use classrooms in the Azalea Building (rooms 204, 205) and in Dogwood (201) with the equipment necessary to utilize multimedia enhanced presentations in sections of Art, Communications, English, History, Humanities, Music, Psychology, Sociology, and Religion This multimedia will range from basic PowerPoint and video presentations to interactive notes and paper reviews.	All instructors who use the designated rooms in Azalea and Dogwood will have the opportunity to utilize software programs such as PowerPoint, videos, and interactive exercises as part of their teaching strategies. Internet access will also allow Art, Communications, English, History, Humanities, Music, Psychology, Sociology and Religion instructors access to pertinent writing and research materials on servers provided by NCLive and through Films on Demand and Youtube. Currently, none of these practices are an option in group settings. The Symposium Interactive Monitor Devices will allow instructors to overwrite presentations and will serve the same purpose as a Smartboard.	At a minimum, 1000 students enrolled in a variety of courses offered by The Language and Communication and the Humanities and Arts and Sciences Depts annually meet in these classrooms. These courses include Art 114 , 115, and 111 , Com 231, 110 , English 111 , 113, 114, English literature classes , Hum 110, 115, 121 , Mus 110, 131, 132, 151, 152, 231, 232 , 251, 252, Psy 150, 241, 281, Rel 110 , Soc 210, and 220. Also, Dogwood 201 is utilized for various globalization presentations and divisional meetings that include large numbers of faculty and students each semester.	Completion date: August, 2010	Instructors in Art, Communications, English, History, Humanities, Music, Psychology, Sociology, and Religion will utilize technology in their classes, which will be documented on their yearly evaluations. Student surveys will demonstrate that 70% of students show satisfaction with the use of multimedia enhanced instruction including MyMathLab and other such technology	9
Sustainability Technology	2.2	With the addition of Solar/Wind electricity production and solar thermal, space and domestic water heating trainers, this will provide training equipment for the start up of the new program in Sustainability Technology: Alternative Energy for Fall 2010 in order to meet the skills needs of business, industry, and government entities in the areas of energy production, utilization, and conservation.	There is currently no equipment on campus that addresses the needs of the Sustainability Technology: Alternative Energy curriculum. This equipment will enable the student to train on modern solar/wind energy production, storage, and utilization systems that would be typically considered for residential, commercial, institutional, agricultural, and industrial settings.	Because the curriculum is new, there are no present numbers to cite, however, preliminary surveys indicate a high interest in the program from high school students and a high interest from industry for interns/graduates of the program. Specifically new government grants and recent or pending regulations/legislation will ensure a wide and varied area of application for the skills the program will offer.	After ordering, the equipment would take approximately two months to deliver and the first students would begin training on the equipment for introductory courses during the Spring of 2011. Advanced classes would take place Fall 2011 and Spring 2012.	As based on intern/employer surveys, students will have the hands-on knowledge and skills to design, select components for, install, commission, maintain, and troubleshoot typical solar and wind systems for varied applications.	9
Machining Technology - 2	8.2	The addition of an office lathe to WCC's Machining program will provide the necessary equipment needed to get involved in training students at the local high schools. To expand and improve the accessibility of the Machining Technology program by creating opportunities to recruit and train high school students. The office lathe will enhance the already proven internet based curriculum by giving students a chance to practice what they have learned on the simulation software. This will be the next step in a forward movement to create a Machining Technology Academy at C.B. Aycok high school. The machine will help engage students and reinforce learning outcomes at the same time as recruiting students into the AAS program.	The new office lathe will allow students to gain a better understanding of the subject matter that has already been introduced in the internet based simulation software. This will be done by engaging the students in hands-on projects that are required in the machining courses.	All students enrolled in the following programs will benefit from the addition of an office lathe: Machining Technology, Mechanical Engineering Technology, all high school students enrolled in machining courses. The machine will also allow the Machining Technology Department to hold competitions that entail part design and manufacture in conjunction with state and national level clubs such as SKILLS-USA.	Equipment will be purchased and installed in Fall 2010.	Survey employers and advisory committee to determine the improvement in student training with the new technology.	8
Science	8.1	To increase student learning by: 1) upgrading computers used for presentations in classrooms and laboratories in which physical sciences are taught (biology courses are also taught in these rooms as needed) HOLLY 211, classroom for CHM 090, 130, 131, 132, 251, 252; HOLLY 218, lab for CHM 132, 152, 251, 252; HOLLY 223, classroom/lab for PHY 151, 152, 251, 252, AST 111, EGR 150; HOLLY 225, classroom for CHM 151, 152, CJC 251, 2) obtaining Vernier spectrometers, CO ₂ and pH probes that will interface with these computers for laboratory experiments and demonstrations. 3) obtaining laser jet printers for the computers so hard copies of experimental results can be produced. These acquisitions will allow instructors to use wireless internet access and current versions of software associated with the Vernier instruments and other equipment in the Science Department.	The desktop computers in HOLLY 211, 218, and 223 were acquired circa 99-2000 and are among the oldest computers on the WCC campus. They cannot be equipped for wireless internet, which is now is available in the Holly building. Instead, the cable is run from the computers to wall access; the wires are trip hazards and internet access is frequently disrupted. The old computers cannot run the current versions of software for Vernier lab equipment or other instruments that are available in the Science Department. They will be replaced with new desktop computers. Two will be required in HOLLY 223 so that, while one is in use for presentations, one will still be available for student use.	At a minimum, 400 students meet in these classrooms annually for the courses listed on the previous page. In addition, the classrooms are used sometimes used for biology lectures because they can accommodate more students than the biology classroom/laboratories, HOLLY 212, 214, and 216. With changes and additions to Allied Health programs, e.g. inclusion of BIO 175 (General Microbiology) in the ADN program, more biology classes will be held in these rooms.	Completion date: August 2010	Instructors in Astronomy, Chemistry, and Physics will utilize technology in their classes, which will be documented on their yearly evaluations. Student surveys will demonstrate that 70% of students show satisfaction with the use of multimedia enhanced instruction and equipment.	8

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Air Conditioning, Heating, & Refrigeration - 1	8.1	With the addition of a duct blaster this would enhance student learning on how to use instrumentation measuring the air-tightness integrity of HVAC ductwork, which affects the green technology of energy conservation in the cooling and heating of buildings. and better prepare students to work in local industry.	Students learn to use the state-of-practice instrumentation used in determining the air loss and air gain in HVAC ductwork.	30 - 35	Continuous and ongoing.	Performance in lab exercises and written and oral testing of 70% minimum.	7
Associate Degree Nursing - 1	2.1	Prepare for continuing reaccrdition in spring 2013 by the National League for Nursing Accrediting Commission (NLNAC) for both the Associate Degree (AD N) and Practical Nursing (PN) programs. In addition, continuing accreditation by the NLNAC meets the North Carolina Board of Nursing (NCBON) requirement for full approval status of both the AD N & PN programs.	The nursing programs are due to have a site visit in spring 2013 requiring intensive planning. The NLNAC is recognized as the accrediting body for all types of nursing programs by numerous organizations including the U.S. Department of Education and the National Council of State Boards of Nursing. The accreditation process enhances the educational quality of programs through continuous self-assessment, planning and improvement.	116 students, 10 nursing faculty and nursing graduates.	YR 1 - Fall 2010: Two Nursing faculty attend NLNAC Self-Study Forum. Spring 2011: Two Nursing faculty attend NLNAC Self-Study Forum. YR 2 Fall 2011: Begin self-study process, Three Nursing faculty attend NLNAC Self-Study Forum, Meet with consultant, Meet with Nursing Advisory Committee and gather input from members and seek active member participation in the self-study process; Spring 2012: WCC President submits authorization to NLNAC to conduce accreditation visit, Submit application fees Continue self-study process; YR 3 Fall 2012: Prepare self-study documents, Edit & print self-study, Mail self-study to NLNAC Plan site visit. Spring 2013: NLNAC Site Visit; Summer 2013: Attend Evaluation Review Panel.	1) Nursing faculty will attend Self-Study Forums in preparation for self-student development and site visit. 2) Nursing Department will complete self-study and prepare NLNAC Accreditation documents.3) Associate Degree and Practical Nursing programs will receive continued NLNAC accreditation.	7
Aviation - 2	8.1	The on-going goal of the aviation program is to continue to improve and update the process of class and lab instruction with the latest state of art training by updating and expanding the technology and material used for instruction.	We have increased integration of presentations into the classroom. The equipment would provide an organized and professional use of presentations. Currently we are using the wall to project on, we also have a TV on a cart that takes up valuable room. This would allow us to either utilize a screen or flat panel display, both to be permanently mounted, along with a projector. The multimedia podium would occupy the space currently used by the cart which would allow for the safer placement of cables and power cords. The use of this equipment would bring a more professional look to the classroom along with the utilization of modern technology. The Visual Presenter and Symposium would allow better integration of technology.	Students enrolled in Aviation program.	Fall 2010	Aviation students will have access to increased utilization of technology in the classroom. Students will be able to demonstrate a higher level of proficiency in knowledge from classroom.	7
Continuing Education	8.1	Replace, with new computers, the Dell 8300 staff desk-top computers in order to increase staff productivity by using updated computers that are more compatible with MicroSoft 2007 software. Appropriate cascaded computers will be acceptable.	Increased productivity of Continuing Education Services staff will allow more time in customer service activities. Nineteen computers in the Continuing Education Services areas (Small Business Center, Basic Skills, and Occupational Extension) are Dell Dimension Model 8300 which are of minimum capacity to support MS 2007 Software. These computers are operating very slowly, which hampers staff productivity. The replaced computers will allow staff to effectively apply basic computer skills on MS 2007 compatible machines.	Approximately 5000 students per year.	Fall 2010 or two weeks after receipt of new computers.	Increase staff productivity by 20 percent by June 2011 and an increase in customer satisfaction of Continuing Education Services students by 20 percent as measured by a customer satisfaction survey/assessment. A baseline with be established June 2010 to determine improvements in staff productivity and student's satisfaction.	7

2010-2011 Prioritized Planning Objectives

Department	SRG #	Objectives/Intended Outcomes	Justification			Assessment Criteria	Votes
			Impact on Student Learning	Number of Students to Benefit	Time Line to Completion		
Forestry	8.1	Haglof Mantax Black Callipers with laser Gator Eyes are a Forestry industry standard and students need specific training on this equipment to be successful in the Forestry Industry. In order to satisfy an immediate requirement we are requesting the purchase six(6) thirty(30) inch Haglof Mantax Black Callipers with laser Gator Eyes.	Forestry students will be able to receive hands on training on the use of state of the art measuring equipment in their classes, that is just beginning to be used by the forest products industry.	A total of 45 students will benefit from this equipment. With the increasing enrollment in the Forest Management Technology program, this figure will increase.	Have equipment purchased and in use by Fall 2010.	This modern measuring equipment was suggested by members of our Forestry Advisory Board. Weyerhaeuser and Georgia-Pacific LLC are two of the leading forest product companies which are using this type of equipment today. Our graduates will have the training in the use of this equipment through extensive use in FOR 131 Forest Managements, FOR 232 Forest Mensuration and FOR 225 Silvics & Silviculture. The training on the new equipment as well as the equipment we presently have will broaden our graduate's exposure to the art of forest measuring.	7
Industrial Systems Technology - 1	1.1	With the addition of a pump cutaway trainer, this would develop student learning as related to the selection, installation, maintenance, and troubleshooting of different types of pumping systems.	Students currently have no hands-on mechanical training on pumping systems. Local industry utilizes a significant number of pumps of different types in their manufacturing processes and has indicated that this knowledge is imperative for maintenance technicians. Emerging technologies such as solar domestic water heating and space heating utilize pumping systems. A hands-on pump trainer would be able to fill a considerable gap in current student knowledge and skill opportunities. The compact nature of the trainer would also allow individual pumps to be transported to career fairs and other exhibits for potential students to have hands-on marketing interaction with the college.	All students in the Industrial Systems Technology, Mechanical Engineering Technology, and the future Sustainability Technology programs would benefit from the trainer.	Delivery of trainer is an estimated 6-8 weeks after order is placed. Trainer comes ready for student interaction with no additional power or piping requirements needed.	Students will demonstrate, as evidenced by written and hands-on examinations, the pump related skills necessary to select, install, maintain, and troubleshoot the 5 most common types of industrial pumps.	7
Mechanical Engineering - 1	8.1	With the addition of a Subtractive Prototype Machine, this would improve our engineering lab environment by adding the ability to create prototypes of different materials. Our existing prototype machine is capable of producing parts out of ABS plastic. The addition of a subtractive prototype machine would enable the students to create prototypes made out of various materials including but not exclusive to wax, nylon, phenolic, and aluminum. This would allow the students more flexibility in their designs and the ability to incorporate these different material components in the lab. Engineering design in general is comprised of different components and material selection. The addition of this unit would make our students more prepared to work in industry.	The new subtractive prototype machine will allow the students to gain a better understanding of prototyping with materials other than ABS plastic. This will be done by engaging the students with projects that required the use of various materials to complete.	All students enrolled in the following programs will benefit from the upgrade: Mechanical Engineering, Machining Technology. These students are affected by taking various courses in the lab which include: Computer Aided Design, Technical Drafting, Computer Aided Manufacturing, Statics and Strength of Materials, Design Processes, Introduction to Engineering Technology. The portability, size, and power requirements of this machine will enable it to be transported for recruiting events and high school demonstrations.	Equipment will be purchase and installed in Fall 2010.	Feedback from program graduates and employers will indicate that Mechanical Engineering Technology program is providing up-to-date, effective training and graduates are prepared to perform effectively in the workforce.	7
Practical Nursing - 2	2.1	Nursing students to develop critical thinking, priority setting, and psychomotor skills using advanced stimulation central venous access training models and equipment to provide high quality educational experiences in the Nursing Labs.	The Nursing Profession requires a high degree of technical expertise and critical thinking to safely implement patient care. These skills are learned and perfected in a simulated laboratory setting prior to or concurrently with actual patient in the clinical setting. Students gain competency with technical skills, equipment, and handling of clinically oriented venous access devices that will be transferred to the clinical setting when caring for human patients. Clinical oriented models allow students to integrate the cognitive skills obtained in coursework with the psychomotor skills necessary for competent nursing practice without risk to patients.	116 and nursing faculty.	September 2010 purchase equipment and place in labs	1) Students will practice/demonstrate psychomotor skills in a lab setting using simulation models. 2) Nursing graduates will achieve 95% passage rate on National Licensure exams. 3) Students will rate the equipment as "effective" to "highly effective" in assisting them to master nursing skills. 4) Graduates who respond to the post-graduation survey will rate the programs as "above average."	7

2010-2011 Prioritized Planning Objectives

Department	SRG #	Objectives/Intended Outcomes	Justification			Assessment Criteria	Votes
			Impact on Student Learning	Number of Students to Benefit	Time Line to Completion		
Business Administration & Accounting - 1	8.3	To replace/upgrade two computers with new or cascaded computers (Dell 5150s or newer) in Spruce 133, Accounting Tutoring Lab. The current tutoring computers are not capable of running the MS Office 2007 software; therefore, when tutors and students use MS Office 2007 software applications to review materials in the lab, additional software must first be downloaded in order for them to run MS Office 2007.	Tutors and students will have access and application packages that are being used in the computer labs/classrooms and becoming the industry standard. By upgrading/replacing the computers and loading them with MS Office 2007 software, the tutoring experience will increase student attentiveness and improve overall student learning. Tutors will have more reliable and capable computers to service the students.	Approximately 50 students using 250-500 hours per semester will be served from curriculum.	Purchase and install the new and/or cascaded computers no later than September 30, 2010.	At least 95 percent of the tutors surveyed will indicate that the new and/or cascaded computers will improve tutoring presentations, student learning, and content delivery to the students served in the Accounting Tutoring Lab.	6
Early Childhood - 1	2.1	The Early Childhood Education program will assess the effectiveness of all aspects of its program by hosting a site visit by a Peer Review Team. The purpose of this visit is to obtain initial accreditation by the National Association for the Education of Young Children (NAEYC) through their Early Childhood Associate Degree Accreditation. Prior to this site visit, the Early Childhood Education program will prepare a self-study document that will review all areas of the program, including but not limited to program design and identity, faculty qualifications, student advising and support services, learning opportunities, and assessment.	The program will conduct a thorough review of its curriculum focusing on methods, content, and key assessments. Modifications will be made as needed to comply with accreditation standards. Additionally, all students in the program will benefit from the program earning accreditation by graduating from a program which meets nationally recognized standards of quality, along with the benefits of continuous curriculum improvement from on-going self-examination and re-evaluation. It should also aid in student retention and recruitment and provides professional and educational mobility for program graduates.	All students enrolled in Early Childhood Education, in either a degree or certificate program will benefit. Also students enrolled in the School Age Education degree program will benefit from accreditation when taking courses which are common to both programs. An average of 145 Early Childhood Education students and 45 School Age Education students are enrolled each semester.	The self-study is to be completed by September 30, 2010 and the site visit would be anticipated in Spring Semester of 2011 or possibly Fall 2011. The actual date for the Peer Review Visit is determined by NAEYC.	The Early Childhood Education program will receive Early Childhood Associate Degree Accreditation by the National Association for the Education of Young Children.	6
Early Childhood - 2	2.1	Students in the Early Childhood Education and School Age Education curricula will be provided with the most current audio-visual materials available for the Child Development courses. This will be accomplished by replacing outdated materials with an updated set of DVD's to be used for both the telecourse sections of EDU 144 and EDU 145, as well as the face-to-face sections. The DVD's in use were originally purchased in 1996.	Students will watch the most current information in the field of Child Development by having updated as well as some newly available videos.	All students enrolled in Early Childhood Education and School Age Education curricula. Approximately 105 students enroll in Child Development I & II each semester.	DVD's will be purchased as soon as funding is available – August 2010 is the target.	DVD's will be purchased, delivered, and in use for Child Development courses.	6
Autobody Repair - 2	8.3	To provide state-of-practice equipment for student training which will insure they are prepared for the workplace upon graduation. An upgrade to the existing frame straightening equipment, a computer assisted measuring system, will provide students the opportunity to train and practice on the same type of equipment they will use in the industry.	Computerized measuring systems are used in all progressive body shops, recommended by the advisory committee, and required by NATEF.	This equipment will affect up to twenty Autobody Repair students.	This equipment should be in place by Spring 2011.	Have the Autobody Advisory Committee confirm the equipment is equivalent to that in use in local area industry.	5
Medical Lab Sciences - 2	8.1	Equip the Medical Assisting Lab with a pulse oximeter to provide students with advanced skills to effectively perform respiratory procedures, a required competency according to AAMA/CAAHEP standards.	The Medical Assisting students will practice procedures to assess a patient's need for oxygen. The students will learn to assist the physician diagnose and treat respiratory function and gain very valuable experience by practicing these skills.	50 Medical Assisting students.	Fall, 2010. Place in lab for student demonstration/practice.	(1)Students will benefit not only learning about oxygenation and respiration, but will actually see and experience performing tests to help diagnose and treat patients. (2)Students will rate the equipment and the program as above average when responding to surveys. (3)The performance of respiratory procedures is a required competency according to AAMA/CAAHEP standards.	5
Air Conditioning, Heating, & Refrigeration - 2	8.1	With the addition of a blower door this would enhance student learning on how to use instrumentation measuring the air-tightness integrity of buildings, which affects the green technology of energy conservation in the cooling and heating of buildings and better prepare students to work in local industry.	Students learn to use the state-of-practice instrumentation used in determining the air infiltration of buildings.	30 - 35	This door should be purchased in Fall 2010 and put use immediately.	Performance in lab exercises and written and oral testing of 70% minimum.	4
Campus Information Services	8.1	Replace Campus Information Services' computer workstations with new (Optiplex 755) computers. The current computer workstations have not been replaced and/or cascaded for several years and the will not maintain Office 2007.	Improved management of Campus programs, services, and community relationship.	Students, faculty, staff, and the visiting community.	Install new and/or cascaded computers by June 2010.	Acquiring newer, faster computers will provide the switchboard efficient coordination of campus programs, services, and community relationships.	4

2010-2011 Prioritized Planning Objectives

Department	SRG #	Objectives/Intended Outcomes	Justification			Assessment Criteria	Votes
			Impact on Student Learning	Number of Students to Benefit	Time Line to Completion		
Mechanical Engineering - 2	8.1	With the addition of another monitor, this would create a dual work station, which would enhance our engineering lab environment and better prepare students to work in local industry. All of the engineering classes taught in Spruce 234 utilize 2-3 different types of software and/or instruction manuals. Our existing strategy in teaching the subject matter is by using printed manuals or toggling between operations utilizing different windows. This process uses paper and minimizes screen area needed for design space. It will allow a student to work on two software packages and/or manuals at the same time. This will require mounting current CPUs under the tables and will provide students with more desk space for sketching and calculations. As we move toward creating more hybrid and online classes, the need for a lab with this type of equipment setup has become required.	The new engineering lab upgrade will allow the students to gain a better understanding of the required course subject material. This will be done by providing the students with a high-tech lab that will allow them access to a working environment that is symbolic of local industry and the necessary tools required to be a successful learner.	All students enrolled in the following programs will benefit from the upgrade: Mechanical Engineering, Electronics Engineering, Machining Technology, Sustainable Technology, Industrial Systems Technology. These students are affected by taking various courses in the lab which include: Computer Aided Design, Technical Drafting, Hydraulics, Computer Aided Manufacturing, Statics and Strength of Materials, Design Processes, Introduction to Engineering Technology.	Equipment will be purchase and installed in Fall 2010.	Feedback from program graduates and employers will indicate that Mechanical Engineering Technology program is providing up-to-date, effective training and graduates are prepared to perform effectively in the workforce.	4
Medical & Office Administration - 2	8.1	To purchase two sympodiums for Spruce Building (one for Spruce 142 and one for Spruce 206).	Using this state-of-practice technology, instructors will bring their classroom presentations to life and improve student engagement. An interactive pen connected to a SMART board display screen will allow instructors to add spontaneous notes to their presentations. These in-class notes can then be saved for reuse in future sessions and/or sent to students so that the students can focus on listening. Instructors are also able to access any website or multimedia file and project onto a large screen, record desktop audio and video to capture complex concepts, or turn their lectures into podcasts.	Approximately 1,000 students per semester from programs across campus would benefit.	Purchase and install the sympodiums Fall Semester 2010.	At least 80 percent of faculty and students surveyed will indicate that the sympodiums enhanced classroom presentations and improved student engagement.	4
Industrial Systems Technology - 2	1.1	With the addition of a valve cutaway demonstrator, this would develop student learning as related to the selection, installation, maintenance, and troubleshooting of different types of valves.	While students currently use valves in practice while training, they do not have the opportunity to see what is inside the valve and how it works. The knowledge is imperative for the proper selection, installation, maintenance and troubleshooting of valves that are used in processing and pumping systems. A cut-away valve demonstrator will allow students to fully understand the operation and characteristics of each type in order to boost the valve-associated skills needed for industrial and sustainability applications. The compactness of the demonstrator would also allow it to be transported to career fairs and other exhibits for potential students to have hands-on marketing interaction with the college.	All students in the Industrial Systems Technology, Mechanical Engineering Technology, and the future Sustainability Technology programs would benefit from the trainer.	Delivery of demonstrator is an estimated 6-8 weeks after order is placed. Demonstrator comes ready for student interaction with no additional power or piping requirements needed.	Students will demonstrate, as evidenced by written and hands-on examinations, the valve related skills necessary to select, install, maintain, and troubleshoot the 4 most common types of valves in use.	3
Turfgrass - 2	8.2	A Turf Topdresser is essential in maintaining a golf green of any quality, and will provide our students with a hand's on approach to smoothing a golf green for ball roll. This will be a great asset to our Turfgrass program.	This will give students hands on experience top dressing our putting green at the college. This will allow students to experience how to maintain a golf green according to industry standards.	25 students in the turfgrass program. Plus many more students in the future.	Spring 2011	This topdresser will give each student the ability to smooth the surface of a putting green and reduce the thatch of the putting green. This is the second most important management tool for golf course putting greens; the first is a greens mower.	3

2010-2011 Prioritized Planning Objectives

Department	SRG #	Objectives/Intended Outcomes	Justification			Assessment Criteria	Votes
			Impact on Student Learning	Number of Students to Benefit	Time Line to Completion		
Medical & Office Administration - 1	8.1	To purchase wide-screen (23" or wider) monitors for the faculty and staff of the Business and Computer Technologies Division.	All of the classes taught in the Business and Computer Technologies Division are using computers for course development and grading assignments. Almost all of our courses are available online, are hybrids, or have extensive on-line supplementary components. Our assignments require the student to use course-related software. Assignments are submitted through this software or as files created by the software. The benefit of wide screen monitors is it will allow instructors to have two or more documents on screen in front of them. This will make creating courses and grading assignments more efficient.	Over 1000 students in the courses taught each semester by the Business/Computer Technology Division would benefit. This includes course for all of our majors, in addition to services courses such as CIS 110, CIS 070, CTS 080, ECO 151 and ECO 152. The division teaches around 100 courses per semester.	Shipping time for monitors ranges from 1 day to 5 weeks, depending on the model. The monitors could be swapped out as soon as they arrive and times can be scheduled with Information Systems and the faculty or staff member for the replacement. The operating system would automatically configure itself to work with the new monitor. Existing flat screen monitors could be cascaded to other locations on campus.	A survey of Business/Computer Technology Division faculty and staff will state that 80% will have seen a marked improvement in their ability to create and grade coursework, and carry out other computer related responsibilities from using wide-screen monitors.	2
Occupational Extension - BD	8.1	To allow faculty and students the ability to utilize power point technology, interactive media, and videos in their courses by purchasing a lap-top.	All instructors who use PINE 112 will have the opportunity to utilize power point technology, interactive media, and videos as part of their teaching strategies. Currently, all instructors in the Con Ed Public Safety Division use this advanced technology in their classes. However, the current equipment is outdated and does not allow instructors to use the latest technology. Instructors would incorporate more technology in the classes if the current equipment was up to date. This new technology is needed to help prepare students for future employment where they are expected to be able to use technology in the work place.	This academic year, there were over 350 students in seated classes and 50 students in on-line classes. We anticipate an increase in enrollment for 2010-2011 as well as the continued development of additional on-line courses to meet student needs.	Courses beginning in August of 2010, this new technology should be in place no later than December 2010.	Approximately 20 fire and emergency services departments will express increased satisfaction when surveyed with learning opportunities in all facets of Emergency Medical and Fire Services. Approximately 85-90% of the departments when surveyed will show an increased satisfaction with the utilization of hypermedia presentations.	1
Operations Management	6.2	With the placement of billboards, enrollment will increase in the Operations Management Program. This marketing is necessary to enhance recruiting efforts in the four county target areas. The program will target new and existing industries and businesses as well as entry level college students seeking an AAS Degree or Certificate.	This will allow the needed program exposure required to successfully implement and improve eastern North Carolina industry and business.	All students available to enroll in a four county area, in and around Wayne County.	Fall 2010	Compare the spring 2011 enrollment with that of spring 2010.	1
Student Development	8.3	To increase efficiency of services provided to students by upgrading counselor computer monitors to webcam monitors that will allow for real-time, "face-to-face" counseling services with distance students.	5 upgraded webcam monitors will allow students to have real-time, live counseling sessions with all areas of Counseling Services (academic information, acceptance, disability services, career services, clinical services, etc). Do not need all 5 at once -- can accept 1 at a time. As we continue to grow our distance education academic opportunities, we have a growing need to provide quality Counseling Services to these same distance students.	All incoming students "meet" with a counselor for an acceptance interview. Many currently enrolled students "meet" with a counselor for a variety of academic, personal, and career issues. This will potentially benefit all prospective, new and currently enrolled students. Because our distance programs are continuing to grow, we are expecting a significant increase in distance student traffic.	Monitors will be in place for Summer 2010.	Graduation Surveys, Exit Surveys, and Front Door Experience Evaluations will indicate greater than 90% satisfaction rate with services received in Career Services.	1
Academic Skills Center	8.3	To allow students who use the Writing Center the ability to use current (standard) word-processing technologies (MS Office 2007) in the Writing Center. Currently students are unable to open and/or format assignments written using MS office 2007.	Students who use MS Office 2007 or better are unable to format papers in the Writing Center. This deficit forces many students to seek formatting assistance in the open computer lab where there is no official tutoring function.	Students from all curriculum areas utilize the Writing Center.	To be completed soon as practical.	Students will be able to open and format documents in the most recent and generally used word processing programs such as MS Office 2007 or better.	0

2010-2011 Prioritized Planning Objectives

Department	SRG #	Objectives/Intended Outcomes	Justification			Assessment Criteria	Votes
			Impact on Student Learning	Number of Students to Benefit	Time Line to Completion		
Arts & Sciences	1.5	To provide an orientation session for all new WCC students and a video orientation for all students to review important aspects of the college, as needed.	All students need an orientation to the college in order to facilitate success.	All new students.	Completion date: June 2011	Orientation participants will be tracked for enrollment in ACA during the first semester as well as retention and success throughout their college career. Ninety-five percent of all participants should enroll in ACA 111 or ACA 122 during their first semester. Retention of this cohort should be greater than those students not participating in the new student orientation. The success of students participating in the new student orientation should be greater (GPA) than those not participating.	0
Associate Degree Nursing - 2	1.1	Purchase Student Response Devices for three classrooms for the WCC Nursing programs.	(a) Enable instructors to gauge student learning during lectures. (b) Allow students to gauge their understanding of learning outcomes during lectures. (c) Provide immediate feedback to both instructors and students on comprehension of course information. Allows instructors to use active learning techniques. (d) Allows instructors to conduct student opinion polls during class. This gives students anonymity when discussing sensitive topics. (e) Allows instructors to quantify student classroom participation.	Approximately 116 students and 10 nursing faculty would benefit.	September 2010	1) Students involved with the Student Response Devices will express satisfaction with the technology. 2) Nursing graduates will achieve 95% passage rate on National Licensure exams. 3) Graduates who respond to the post-graduation survey will rate the programs as "above average."	0
Basic Skills	8.1	To provide access to up-to-date information for full time faculty teaching at DART/ Cherry by installing a cascaded computer which will allow instructors daily access to their college e-mail and instructional resources via the internet.	Faculty will have access to resources on the web as well as access to college news and information via e-mail.	Faculty will have access to real time information from the college that can be shared with an average of 900 students annually that are enrolled in the ABE and GED program at DART/Cherry.	Install by June 1, 2010.	Increase DART/Cherry instructors' satisfaction by improving their access by 50 percent to real time college information and immediate access to their Groupwise e-mail accounts.	0
Facilities Operations	8.1	Replace computer workstation with new computer. The current computer workstation has not been replaced and/or cascaded for several years and the will not maintain HVAC operations.	Improved management of facility operations.	Students, faculty, staff, and the visiting community.	Install new and/or cascaded computer by June 2010.	Acquiring newer, faster computers will provide an enhanced tool for facility operations.	0
Language and Communication, Humanities and Social Sciences	8.1	To increase student learning by providing two (3) multi-use classrooms in the Azalea Building (rooms 204, 205) and in Dogwood (201) with the equipment necessary to utilize multimedia enhanced presentations in sections of Art, Communications, English, History, Humanities, Music, Psychology, Sociology, and Religion This multimedia will range from basic PowerPoint and video presentations to interactive notes and paper reviews.	All instructors who use the designated rooms in Aza and Dog bldgs will have the opportunity to utilize software programs such as PPT, videos, and interactive exercises as part of their teaching strategies. Internet access will allow Art, Com, Eng, His, Hum, Mus, Psy, Soc and Rel instructors access to pertinent writing and research materials on servers provided by NCLive and through Films on Demand and Youtube. Currently, none of these practices are an option. The Symposium Interactive Monitor Devices will allow instructors to overwrite PPT presentations and will serve the same purpose as a Smartboard. Pre-mounted projectors will be linked to provide an efficient use of the AV material and allow instructors control over materials presented from internet sources.	At a minimum, 1000 students enrolled in a variety of courses offered by The Language and Communication and the Humanities and Arts and Sciences Departments annually meet in these classrooms. These courses include Art 114, 115, and Art 111, Com 231, 110, Eng 111, 113, 114, English literature classes, Hum 110, 115, 121, Mus 110, 131, 132, 151, 152, 231, 232, 251, 252, Psy 150, 241, 281, Rel 110, Soc 210, and 220. Also, Dogwood 201 is utilized for various globalization presentations and divisional meetings that include large numbers of faculty and students each semester.	Completion date: August 2010	Instructors in Art, Communications, English, History, Humanities, Music, Psychology, Sociology and Religion will utilize technology in their classes, which will be documented on their yearly evaluations. Student surveys will demonstrate that 70% of students show satisfaction with the use of multimedia enhanced instruction including MyMathLab and other such technology.	0

2010-2011 Prioritized Planning Objectives

Department	SRG #	Objectives/Intended Outcomes	Justification			Assessment Criteria	Votes
			Impact on Student Learning	Number of Students to Benefit	Time Line to Completion		
Public Safety (Fire, EMS, & Law Enforcement)	8.1	To allow faculty and students the ability to utilize power point technology, interactive media, and videos in their courses by purchasing a lap-top.	All instructors who use PINE 112 will have the opportunity to utilize power point technology, interactive media, and videos as part of their teaching strategies. Currently, all instructors in the Con Ed Public Safety Division use this advanced technology in their classes. However, the current equipment is outdated and does not allow instructors to use the latest technology. Instructors would incorporate more technology in the classes if the current equipment was up to date. This new technology is needed to help prepare students for future employment where they are expected to be able to use technology in the work place.	This academic year, there were over 350 students in seated classes and 50 students in on-line classes. We anticipate an increase in enrollment for 2010-2011 as well as the continued development of additional on-line courses to meet student needs.	Courses beginning in August of 2010, this new technology should be in place no later than December 2010.	Approximately 20 fire and emergency services departments will express increased satisfaction when surveyed with learning opportunities in all facets of Emergency Medical and Fire Services. Approximately 85-90% of the departments when surveyed will show an increased satisfaction with the utilization of hypermedia presentations.	0
Security	8.1	Replace three computer workstations with new (Optiplex 755) computers. The current computer workstations have not been replaced and/or cascaded for several years and the will not maintain security software.	Improved management of Campus Security.	Students, faculty, staff, and the visiting community.	Install new and/or cascaded computers by June 2010.	Acquiring newer, faster computers will provide an enhanced tool for campus security.	0
Transportation	8.1	To enhance Automotive Systems Technology and Collision Repair & Refinishing Technology student engagement and encourage whole class participation creating an improved learning environment by incorporating student response system.	Student response technology is an effective tool that helps facilitate best practices and enhance student learning. It will transform the classroom into an interactive and engaging learning environment. It will help increase participation even from the quiet back-of-the-classroom students and allow for a concrete means of tracking student participation. It will create open discussions that are fueled by students, rather than forced by the instructor. It will gauge student understanding instantly in real-time that will help instructors confirm student understanding or review critical concepts if necessary. It will provide students review questions that are reflective of their understanding.	Approximately 80 curriculum students enrolled in AUT courses required for ASEP, ATEP, and Autobody.	Implementation during the Spring 2010 semester with full usage in all AUT classroom lectures by the Fall 2010 semester.	After implementing the response system the faculty will use the response system to poll the students that were enrolled in a prior AUT class. The students will be asked if the system encourages student engagement and enhances students learning by providing them feedback of their understanding of concepts within lecture. The faculty will then use one of the over 30 different reports in the system to gather data that will be used to determine if the system is effective.	0
Turfgrass - 1	8.2	To upgrade and replace the current water source to hydrate the Turfgrass practice green and to provide a water source for future projects.	Current water sources are from the City of Goldsboro and do not meet state-of-practice sources. Students will be able to access irrigation projects by using a "personal well" rather than paying for city water sources.	All first and second year Agriculture and Natural Resource Students; approximately 100 students.	Fall 2010	A working well and pump will keep the practice green properly irrigated.	0