

























































User: enesmith
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Student Learning Outcome Report











Edit	Unit	Student Learning Outcome	Assessment Method	Actual Assessment Results	Analysis	Use of Results/Improvement
	Accounting	ACC students will record accounting transactions utilizing computers.	ACC 1104 Performance examinations requiring the use of QuickBooks Pro accounting software.			
	Accounting	ACC students will record payroll transactions.	ACC 1102 Comprehensive Problem in Payroll Preparation			
	Accounting	ACC students will prepare a bank reconciliation.	ACC 1101 Performance Examination Bank Reconciliation			
	Air Conditioning Technology	ACT students will repair the faulty component on an HVAC system.	ACT 109 HVAC System Component Exam (Includes a diagnostic check on the HVAC system to determine the actual problem, then remove and/or repair.			
	Air Conditioning Technology	ACT students will determine appropriate Personal Protection Equipment as required by the Occupational Safety Health Administration (OSHA).	IFC 100 OSHA Case Study Rubric			
	Air Conditioning Technology	ACT students will apply industrial guidelines and environmental protection laws.	ACT 101 National Certification Exam: The EPA Section 608 Exam			
	Air Conditioning Technology	ACT students will perform troubleshooting techniques using meters and gauges.	ACT 109 Troubleshooting Worksheet			
	Automotive Technology	Students will repair computerized engine controls using a handheld engine analyzer	AUT 128 Lab check sheet outlining proper steps in procedure.			
	Automotive Technology	Students will remove, disassemble, repair, and reinstall an automatic transmission without damage to parts so the transmission performs to manufacturer's specifications.	AUT 210 Lab Evaluation Check off Sheet.			
	Automotive Technology	Students will identify the type and location of a circuit fault using a Digital	AUT 128 Computer Trainer 3620			










		Volt Ohm Meter.				
	Business Administrative Technology	Students will key letters and memos from straight and rough-draft copies.	BUS 1130 Module 4 Performance Test			
	Business Administrative Technology	Students will use PowerPoint functions to create a PowerPoint presentation.	BUS 2150 Chapter 1 Production Test			
	Business Administrative Technology	BAT students will develop and utilize their critical thinking skills by creating and maintaining a professional growth plan.	BUS 1240 Professional Growth Plan Rubric			
	Business Administrative Technology	Students will use database functions to create a database.	BUS 1150 Project One production test			
	Clinical Laboratory Technology	CLT students will perform CBC with differential, retic counts, sed rates and sickle cell screens.	CLT 111 Clinical Site Supervisor Checklist	____% of the CLT students performed CBC with differential, retic counts, sed rates and sickle cell screens with ____% accuracy.		
	Clinical Laboratory Technology	CLT students will read plates and perform kit test.	CLT 112 clinical check off list.	____% of the CLT students read plates and performed the kit test with ____% accuracy.		
	Clinical Laboratory Technology	CLT students will assess chemistry print out sheets.	CLT 113 clinical site Chemistry check list	____% of the CLT students assessed chemistry printout sheets with ____% accuracy.		
	Clinical Laboratory Technology	CLT students will blood type, screen and cross match patient results.	CLT 106 Blood bank checklist/rubric.	____% of the CLT students demonstrated ____% accuracy on the blood bank checklist/rubric.		
	Commercial Truck Driving	CTD students will demonstrate the safe operation of a tractor-trailer on a public highway during the over-the-road driving portion of their coursework.	CTD 103 Department of Driver Services (DDS) Daily Driving Checklist			
	Commercial Truck Driving	CTD students will perform a straight line backing maneuver within Department of Driver Services (DDS) guidelines.	CTD 103 Department of Driver Services (DDS) Basic Control Checklists			
	Commercial Truck Driving	CTD students will perform a 107 part pre-trip inspection.	CTD 103 Department of Driver Services (DDS)107 part Pre-Trip Inspection Checklist			
	Computer Information Systems	Networking Specialist students will analyze different types of Network Media and Topologies.	CIS 1140 CompTIA Network+ Exam: Subpart - Network Media and Topologies.			
	Computer Information Systems	Internet Specialist - Web Site Design students will define Site Development Foundations.	CIS 2331 CIW v4 Foundations Exam: Subpart - Site Development Foundations.			
	Computer Information Systems	Computer Support Specialist students will accurately troubleshoot computer problems.	CIS 286+ CompTIA A+ Exam: Subpart - Troubleshooting.			
	Cosmetology	COS students will perform chemical hair relaxing.	COS 116 National Interstate Council Cosmetology Practical Examination			





			Evaluation Criteria for Chemical Relaxing (Rubric)			
	Cosmetology	COS students will properly sanitize implements.	COS 116 National Interstate Council Cosmetology Practical Examination Evaluation Criteria for Set Up and Client Protection (Rubric)			
	Cosmetology	COS students will perform a basic facial.	COS 116 National Interstate Council Cosmetology Practical Examination Evaluation Criteria for Basic Facial (Rubric)			
	Cosmetology	COS students will perform a figure 6 thermal curling technique.	COS 116 National Interstate Council Cosmetology Practical Examination Evaluation Criteria for Thermal Curling (Rubric)			
	Criminal Justice	Criminal Justice students will describe/define Fourth Amendment issues regarding unreasonable search and seizure.	CRJ-105 Search and Seizure Rubric.			
	Criminal Justice	CRJ students will define and contrast the concepts of probation and parole.	CRJ-103 Comprehensive Final: Section on Parole and Probation.			
	Criminal Justice	CRJ students will identify the roles of courtroom participants.	CRJ-101 The Courtroom Work Group Exam The Criminal Trial Exam			
	Dental Hygiene	Given a rubric grading scale and specified time limit, Dental Hygiene student will be able to utilize proper instrumentation techniques.	DHY 105 Instrumentation Practicum I Rubric & DHY 111 Instrumentation Practicum II Rubric			
	Dental Hygiene	Given a simulated patient and scenario, the Dental Hygiene student will correctly follow medical emergency protocol during patient care in the dental hygiene live work clinic.	DHY 106 Medical Emergency Skills Check Off sheet.			
	Dental Hygiene	Given a visual representation of a tooth or tooth structure, the Dental Hygiene student will correctly identify the tooth number or tooth structure.	DHY 100 Dental Anatomy Laboratory Skills Proficiency Check			
	Drafting	DFT students will convert a 2 dimensional drawing to a 3 dimensional drawing.	DDF 112-Final Project Check list			
	Drafting	DFT students will translate a set of mechanical instructions to produce a drawing for manufacture using CAD.	DDF 109-Final Project Checklist			
	Drafting	DFT students will translate a set of	DDS 208-Final Project Checklist			










		architectural instructions to produce a CAD drawing for construction.				
	Early Childhood Care and Education	ECE students will compile the disabilities based resource file.	ECE 2010 Resource File Rubric			
	Early Childhood Care and Education	ECE students will coordinate and conduct parent-teacher conferences.	ECE 2220 Parent Involvement Rubric			
	Early Childhood Care and Education	ECE students will develop developmentally appropriate lesson plans.	ECE 2240 Early Learning Portfolio Rubric: Lesson Plan Section			
	Electrical Construction	Students will build motor control circuits.	ELT 118 - Motor Control Lab Check off			
	Electrical Construction	Students will complete a commercial wiring project according to National Electrical Code.	ELT 109 - Commercial Wiring Check-off sheet			
	Electrical Construction	Students will complete a residential wiring project according to National Electrical Codes.	ELT 121 - Residential Wiring Check-off sheet			
	Fish and Game Management	FGM students will develop a wildlife management plan.	FGM 111 Wildlife Management Plan Rubric			
	Fish and Game Management	FGM students will prescribe appropriate treatment/s for an assigned fish pond.	FGM 112 Fish Pond Rubric			
	Fish and Game Management	FGM students will prescribe/apply herbicide.	FGM 108 Herbicide Rubric			
	Forest Technology	FOR students will construct a map for a site prep activity.	FOR 147 Forest Management Assessment Rubric Maps Subpart.			
	Forest Technology	FOR students will prepare a harvesting plan.	FOR 147 Forest Management Assessment Rubric Harvesting Subpart.			
	Forest Technology	FOR students will calculate the number of trees per acre.	FOR 147 Forest Management Assessment Rubric Number of Trees Per Acre Subpart.			
	General Education & Learning Support: English	Students will develop a formal research essay.	ENG 1101, 1102, 2130, or 1105. Research paper rubric.			
	General Education & Learning Support: English	Students will produce a logically organized, grammatically acceptable written paragraph.	ENG 1010 Compare/Contrast Paragraph rubric			
	General Education & Learning Support: Mathematics	Students will simplify/solve radical expressions/equations.	MAT 099 - Simplifying Radicals and Solving Radical Equations Exam			
	General Education & Learning Support: Mathematics	Students will solve problems involving fractions without a calculator.	MAT 097 - Fractions Exam			
	General Education	Students will solve and graph linear	MAT 1111 - Linear Equations Exam			



	& Learning Support: Mathematics	equations.				
	General Education & Learning Support: Mathematics	Students will factor polynomials.	MAT 1013 - Factoring Polynomials Exam			
	General Education & Learning Support: Mathematics	Students will convert among and between measurement systems.	MAT 1012 - Measurement and Conversion Exam			
	General Education: Psychology	Students will analyze personality traits in a scenario.	PSY 1101 Analysis Project Rubric			
	General Education: Psychology	Students will develop a visual, multi-generational representation of familial relationships and patterns of behavior	PSY 1010 Geneogram Rubric			
	General Education: Psychology	Students will perform an interview.	EMP 1000 Interview Conducted/ Evaluation Rubric			
	Learning Support	Students will write grammatically and mechanically correct simple, compound, and complex sentences.	Sentence Variety Exam			
	Learning Support	Students will demonstrate the ability to locate the main idea in reading passages.	Main Idea exam			
	Library Services	Students will locate and use an electronic book.	1.CSS 1000 College Survival Strategies: Session on Information Literacy - assessment tool.			
	Management and Supervisory Development	MSD students will write an essay demonstrating their communication skills.	MSD 103 Internet Presentation			
	Management and Supervisory Development	MSD students will work together as a team to complete a complex business problem.	MSD 210 Team Project			
	Management and Supervisory Development	MSD students will be able to prepare business letters utilized in the workforce.	MSD 114 Microsoft Applications Assessment Test			
	Management and Supervisory Development	MSD students will write a personal code of conduct/code of ethics.	MSD 113 Student Presentation Rubric			
	Marketing Management	Marketing Management students will develop a formal business plan demonstrating their ability to formulate business objectives and formal business strategies.	MKT 110 The Formal Business Plan Project Section V on Business Objectives and Strategy (Rubric) Discussion Board Forum addressing the concept of sustainable competitive advantage.			
	Marketing Management	Marketing Management students will create a formal marketing plan that demonstrates a mastery of target marketing.	MKT 100 Formal Marketing Plan (Rubric) Discussion Board Forum on Marketing Positioning and Branding			

	Marketing Management	Marketing Management students will apply and demonstrate the techniques of the sales process.	MKT 106 Sales Presentation (Rubric) Discussion Board Forum addressing "Feel, Felt Found" technique			
	Medical Assisting	Medical Assisting students will administer injections.	MAS 109- Administering Medications Skills competency check-off (Includes intramuscular, subcutaneous, and intradermal injections.)	___ of ___ students completing MAS 109 demonstrated in intramuscular, subcutaneous, and intradermal injections with 100% accuracy.		
	Medical Assisting	Medical Assisting students will perform safe, appropriate venipuncture.	MAS 109 - Venipuncture skills competency check-off sheet	___ of ___ students completing the Medical Assisting Skills II course received a satisfactory grade on the venipuncture skills competency check-off.		
	Medical Assisting	Medical Assisting students will accurately calculate drug dosages.	MAS 118 Drug Calculations Exam	___ of ___ students taking the drug calculations test did so with 100% accuracy.		
	Paramedic Technology	Given a simulated patient and scenario, the EMS student will defend his/her decision to perform a rapid extrication of a victim from a simulated automobile crash. SLO The student will safely and properly perform the rapid extrication of the patient.	EMS 131 Rapid Extrication Skill Sheet NREMT Trauma Assessment Sheet			
	Paramedic Technology	Given a patient manikin and scenario, the EMS student will manage a simulated patient requiring Transcutaneous Cardiac Pacing (TCP) in accordance with guidelines published by the American Heart Association.	EMS 133 American Heart Association's TCP Algorithm TCP Lab Check-off Sheet			
	Paramedic Technology	Given a scenario and patient manikin, the EMS student will manage a V-Fib cardiac arrest patient using an Automated External Defibrillator.	EMS 1101 American Heart Association's Adult 2-Resuer CPR with AED Skills Evaluation Form			
	Paramedic Technology	The EMS student will obtain vital signs on 5 patients, to include blood pressure, pulse, and respirations.	EMS 1115 Daily Clinical Record Clinical Record Evaluation Form			
	Paramedic Technology	The EMS student will complete a Patient Care Report (PCR) on 5 patients in the clinical setting, to include accurate patient information, accurate patient assessment narrative, and documentation of vital signs.	EMS 1201 Program Patient Assessment Record State of Georgia - Patient Care Report Scantron Form			
	Pharmacy Technology	Students will calculate dosages for medications	Rubrics, laboratory exercises, experiential training,			

		accurately while utilizing critical thinking skills in patient care.	and problem solving scenarios.			
	Pharmacy Technology	Pharmacy students will collect, organize, and evaluate information required for direct patient care.	PHR 106 Brown Bag Project			
	Pharmacy Technology	Students will compare the differences between prescription and nonprescription medications.	Top 200 Drug Project Weekly Drug Quizzes Oral presentation and home formulary project (rubrics)			
	Practical Nursing	PN students will correctly measure vital signs.	NPT 112/113 Practicum Evaluation Sheet			
	Practical Nursing	PN students will be able to accurately administer insulin.	NSG 113 Skills Lab check off			
	Practical Nursing	PN students will perform a head-to-toe patient physical assessment.	NPT 112 - Physical Assessment Mastery Schedule			
	Practical Nursing	PN students will calculate drug dosages for accurate administration of medications.	NPT 112 - Pharmacology Exam			
	Practical Nursing	PN students will assess patient laboratory findings and report abnormal values to the appropriate supervisor.	NPT 112 Case Study/Rubric PN problem solving scenarios			
	Radiological Technology	Goal 1: Students will be clinically competent. Outcome: RAD students will apply positioning skills.	RAD 113 Laboratory Evaluation Question 2) – Random Sampling of three simulations per student with an average score of 8 or higher on a 10-point scale. RAD 113 Terminal Clinical Competency Form (Question 5) – Random Sampling of three competencies per student with an average score of 4 or higher (5.88-point scale).			
	Radiological Technology	Goal 4: Students will evaluate the importance of professional growth and development. JRCERT Outcome: Students will summarize their professional obligations upon gaining their ARRT. SLO RAD students will list reasons for continued professional development.	RAD 101- Introduction to Radiography Final Examination- (Question 49) Program satisfiers must achieve an average score of 3 or higher (5 point scale). RAD 101- Introduction to Radiography Final Examination- (Question 50) Program satisfiers must achieve an average score of 3 or higher (5 point scale).			
	Radiological Technology	Goal4: Students will evaluate the importance of professional growth and development. JRCERT Outcome: RAD students will determine the	RAD 101- Introduction to Radiography- Final Examination (Question 51) Program satisfiers must achieve an average score of 3 or higher (5 point			

		<p>importance of continued professional development.</p> <p>SLO RAD students will list the importance of continued professional development.</p>	<p>scale</p> <p>RAD 117 Radiographic Equipment- Power Point Presentation on assigned Modality - Section 5 on grading rubrics- with an average score of 15 or higher (20-point scale) Demonstrates the Importance of Professional Growth and Development</p>			
	Radiological Technology	<p>Goal 3: Students will use critical thinking and problem solving skills.</p> <p>Outcome: RAD students will manipulate technical factors for non-routine examinations.</p>	<p>RAD 113-Laboratory Evaluation (Question 15) – Random Sampling of three simulations per student with an average score of 3 or higher (5-point scale).</p> <p>RAD 113Trauma Upper and Lower Clinical Competency Form (Question 12) – Random Sampling of three competencies per student with an average score of 4 or higher (5.88-point scale)</p>			
	Radiological Technology	<p>Goal 2: Students will communicate effectively.</p> <p>Outcome: JRCERT SLO: RAD students will practice written communication skills.</p> <p>SLO: RAD students will write a pathology research paper.</p>	<p>RAD 119 Radiographic Pathology- Research paper on pathology subject. (Section 5 on grading rubrics- Demonstrates written communication skills) with an average score of 15 or higher (20-point scale).</p> <p>RAD 119 Terminal Clinical Competency Form (Question 2- Random sampling of three competencies per student) with an average score of 4 or higher (5.88-point scale).</p>			
	Radiological Technology	<p>Goal 2: Students will communicate effectively.</p> <p>Outcome: RAD students will use effective oral communication skills with clinical staff.</p>	<p>RAD 117 Radiographic Equipment – Oral presentation with Power Point. (Section 3 on grading rubrics- Demonstrates effective oral communication skills) with an average score of 15 or higher on a 20 point scale.<</p> <p>RAD 117 Terminal Clinical Competency Form(Question 2- Random sampling of three competencies per student) with an average score of 4 pr higher on a 5.88 point scale.</p>			
	Radiological Technology	<p>Goal 1: Student will be clinically competent.</p> <p>Outcome:</p>	<p>RAD 120 Radiographic Protection and Biology - Comprehensive</p>			

		RAD students will practice radiation protection.	Final Grades Exam with an average score of 80% or higher. RAD 120 Terminal Clinical Competency Form (Question 11- Random Sampling of three competencies per student) with an average score of 4 or higher (5.88-point scale).			
	Radiological Technology	Goal 1: Students will be clinically competent. Outcome: RAD students will select appropriate technical factors.	RAD 116 Radiographic Exposures II Class - Final exam grades with an average score of 80% or higher. RAD 116 Terminal Clinical Competency Form (Question 12 – Random Sampling of three competencies per student) with an average score of 4 or higher (5.88-point scale).			
	Radiological Technology	Goal 3: Student will use critical thinking and problem solving skills. Outcome: RAD Students will adapt positioning for trauma patients.	RAD 113 Laboratory Evaluation on Trauma positioning (Question 2)- Random sampling of three competencies per student with an average score of 8 or higher (10-point scale) RAD 113 Clinical Competency Form (Question 10) – Random Sampling of three trauma competencies per student with an average score of 4 or higher (5.88-point scale).			
	Registrar	Students attending the Registrar's BannerWeb session will be able to print their transcript or course schedule.	CSS 1000 BannerWeb Roster/Checklist			
	Speech	Students will deliver a personal introductory speech.	SPC 1101 Personal Introductory Speech Rubric.			
	Speech	Students will deliver an informative speech.	SPC 1101 Informative Speech Rubric.			
	Surgical Technology	SUR 101 students will demonstrate their knowledge of proper instrument handling given a simulated scenario in the operating room (skills practice lab).	SUR 101 Skills/Competency Check list			
	Surgical Technology	SUR 102 students will be able to recite and demonstrate the basic circuit for the Electrosurgical Unit.	SUR 102 Demonstration Rubrics			
	Surgical Technology	SUR 101 students will be able to demonstrate sterile preparation techniques.	SUR 101 Skills/Competency Check off Sheets			
	Welding and Joining	WLD students will perform flat position welding using	WLD 104 Guided Bend Test - Flat Position Subpart.			

	Technology	common welding rods.	Lab Practice Check-Off Sheet			
	Welding and Joining Technology	WLD students will perform a BU2a V-groove 3G Position welding using Flux Core Arc Welding.	WLD 153 Certification Exam Subpart Lab Practice Check-Off Sheet Skills Assessment Rubric			
	Welding and Joining Technology	WLD students will perform a BU2a-groove 3-G position MIG weld.	WLD 109 - Welder Certification Exam - MIG subpart . WLD 109 Lab Practice Check-Off Sheet			