

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
<b>Administration of Justice</b>		
AJ 059AF Basic Police Academy-Extended Format I	1. Upon successful completion of AJ 059AF students will be able to knowledgeable on the self-discipline required of police officers and the quasi-military discipline in inspection and other information.	Exam
	2. Upon successful completion of AJ 059AF students will be able to demonstrate the knowledge of police ethics and professionalization and the human relations involved in law enforcement	Exam
AJ 059BF Basic Police Academy-Extended Format II	1. Upon successful completion of AJ 059BF students will be able to demonstrate successful completion of California Commission on Peace Officer Standards and Training (P.O.S.T.) requirements.	Exam
	2. Upon successful completion of AJ 059BF students will be able to Understanding of the tenets of criminal law and the law of search and seizure.	Exam
AJ 067 F Current Issues in Administration of Justice	Proposed for Deletion	
AJ 068 F Parolee Contacts	1. Upon successful completion of AJ 068 F students will be able to describe the basic structure of the California prison system.	Demonstration
	2. Upon successful completion of AJ 068 F students will be able to identify psychological motives of the parolee in relationship to manipulation and challenging of officers.	Demonstration
AJ 069 F H & S 11550-Drug Influence	1. Upon successful completion of AJ 069 F students will be able to understanding of the basic elements required to arrest and prosectures for violation of California Health and Safety Code section 11550	Demonstration
	2. Upon successful completion of AJ 069 F students will be able to compare and contrast the physiological effects of drug ingestion on the human body.	Demonstration
AJ 070 F Emergency Management	1. Upon successful completion of AJ 070 F students will be able to prepare a disaster Response Plan utilizing SEMS/ICS guidelines.	Demonstration
	2. Upon successful completion of AJ 070 F students will be able to describe the functions and differences of the EOC and Command Post.	Demonstration
AJ 071 F Preventing Racial Profiling	1. Upon successful completion of AJ 071 F students will be able to Properly define racial profiling.	Demonstration
	2. Upon successful completion of AJ 071 F students will be able to describe specific laws related to the unlawful practices of racial profiling.	Demonstration
AJ 072 F Investigating Domestic Terrorism	1. Upon successful completion of AJ 072 F students will be able to define basic types of terrorism and discuss the typologies that make up terrorist behavior.	Demonstration
	2. Upon successful completion of AJ 072 F students will be able to explain with examples, the origins of terrorism and its societal impact on the United States.	Demonstration
AJ 073 F Interview and Interrogation Update	Proposed for Deletion	
AJ 074 F Conflict Resolution for Police	Proposed for Deletion	
AJ 075 F Cultural Diversity	1. Upon successful completion of AJ 075 F students will be able to understand about the changing demographics of California and the implications of those changes for the Administration of Justice professions.	Demonstration
	2. Upon successful completion of AJ 075 F students will be able to communicate the history of discrimination in the U.S. and the laws and court decisions that have changed that history.	Demonstration
AJ 076 F Community Oriented Policing &	Proposed for Deletion	
AJ 077 F Organized Crime	1. Upon successful completion of AJ 077 F students will be able to examine the effect organized crime has on society.	Demonstration
	2. Upon successful completion of AJ 077 F students will be able to name the various organized crime groups in the U.S.	Demonstration
AJ 078 F Multi-Agency Task Forces	1. Upon successful completion of AJ 078 F students will be able to evaluate the need for participation in a task force concept.	Demonstration

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	2. Upon successful completion of AJ 078 F students will be able to assess the benefits to be derived by the participating agency.	Demonstration
AJ 079 F Law Enforcement Career Preparation	1. Upon successful completion of AJ 079 F students will be able to correctly identify four important responsibilities related to the peace officer function.	Speech
	2. Upon successful completion of AJ 079 F students will be able to devise personal action plans to effectively prepare for future law enforcement test or hiring inquiries.	Writing Assignment
AJ 080 F Lifetime Fitness /Law Enforcement	1. Upon successful completion of AJ 080 F students will be able to describe the basic principles of physical conditioning for personal use.	Writing Assignment
	2. Upon successful completion of AJ 080 F students will be able to design an effective fitness program for personal use.	Writing Assignment
AJ 081 F Use of Force	Proposed for Deletion	
AJ 082 F Tactical Awareness	Proposed for Deletion	
AJ 083 F Narcotics Training for Field Officers	Proposed for Deletion	
AJ 084 F Domestic Violence	1. Upon successful completion of AJ 084 F students will be able to demonstrate knowledge and understanding of Domestic Violence issues, response and report procedures and court protective orders.	Demonstration
	2. Upon successful completion of AJ 084 F students will be able to explain the legal requirements for law enforcement involvement in domestic violence cases and the procedures for assisting victims of domestic violence.	Demonstration
AJ 085 F Police Vehicle Pursuits	1. Upon successful completion of AJ 085 F students will be able to demonstrate knowledge and understanding of laws both civil and criminal involving police pursuits.	Demonstration
	2. Upon successful completion of AJ 085 F students will be able to explain the legal justifications for law enforcement involvement in police pursuits and the punitive effects on both public agencies and violator.	Demonstration
AJ 086 F Values, Principles & Ethics	Proposed for Deletion	
AJ 087 F Supervisory Response to Officer	Proposed for Deletion	
AJ 088 F Gang Awareness Update	Proposed for Deletion	
AJ 089 F Child Abuse/Child Pornography	1. Upon successful completion of AJ 089 F students will be able to recognize child abuse and child pornography in the field.	Demonstration
	2. Upon successful completion of AJ 089 F students will be able to understand of the legal requirements for investigating, reporting and arresting suspects.	Demonstration
AJ 090 F Weaponless Defense/Baton Trng	Proposed for Deletion	
AJ 091 F Law Enforcement Instructor Dev	1. Upon successful completion of AJ 091 F students will be able to knowledge of adult learning techniques and developing instructional technology.	Exam
	2. Upon successful completion of AJ 091 F students will be able to understanding of how to prepare and maintain Classroom Management	Exam
AJ 092 F Crime Scene Investigation	1. Upon successful completion of AJ 092 F students will be able to knowledge of crime scene investigation techniques.	Exam
	2. Upon successful completion of AJ 092 F students will be able to understanding of how to prepare follow-up reports.	
AJ 093 F DNA Genetic Fingerprinting	1. Upon successful completion of AJ 093 F students will be able to knowledge of the techniques used in DNA, quantification (fingerprinting).	Demonstration
	2. Upon successful completion of AJ 093 F students will be able to understanding of the applications and limitations of DNA casework.	Demonstration
AJ 094 F Basic Police Academy Orientation	1. Upon successful completion of AJ 094 F students will be able to demonstrate their proficiency in reading and writing skills.	Exam

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	2. Upon successful completion of AJ 094 F students will be able to perform at an adequate level when completing a series of physical fitness test requirements.	Exam
AJ 095 F Preventing Sexual Harassment	1. Upon successful completion of AJ 095 F students will be able to explain the two main categories that constitute a legal claim for sexual harassment under federal and state law.	Speech
	2. Upon successful completion of AJ 095 F students will be able to analyze key factors of sexual harassment law.	Writing Assignment
AJ 096 F CAD/Crime Scene Application	1. Upon successful completion of AJ 096 F students will be able to demonstrate the computer aided drafting function	Speech
	2. Upon successful completion of AJ 096 F students will be able to apply C.A.D. techniques to crime scene investigation.	Speech
AJ 097 F Law Enfrmnt Supervisory Update	Proposed for Deletion	
AJ 100 F Introduction to Law Enforcement	1. Upon successful completion of AJ 100 F students will be able to discuss the history of law enforcement from the Anglo-Saxon period to the present and understand the organization of a typical police department according to modern concepts.	Exam
	2. Upon successful completion of AJ 100 F students will be able to explain the law enforcement candidate selection process, including application preparation, written testing, physical agility examinations, oral interviews, and personal attribute evaluation.	Exam
AJ 102 F Introduction to Probation and Parole	1. Upon successful completion of AJ 102 F students will be able to explain the proper function of the parole and probation systems within the U.S. criminal justice system. Assessment:	Exam
	2. Upon successful completion of AJ 102 F students will be able to identify and describe important historical circumstances that led to the creation of parole and probation systems. Assessment:	Exam
AJ 110AF Criminal Law	1. Upon successful completion of AJ 110AF students will be able to formulate basic legal theory using the principles of act, intent, concurrence and causation.	Writing Assignment
	2. Upon successful completion of AJ 110AF students will be able to evaluate constitutional principles of police-citizen contacts, including consensual encounters, detentions and arrests.	Writing Assignment
AJ 110BF Advanced Criminal Law	1. Upon successful completion of AJ 110BF students will be able to examine important legal components, including the code of violation, essential elements, punishment, type of intent, and classification.	Speech
	2. Upon successful completion of AJ 110BF students will be able to prepare a legal research paper examining the law's historical development, statutory interpretation and relevant judicial opinions.	Writing Assignment
AJ 111 F Traffic Enforcement	Proposed for Deletion	
AJ 128 F Police-Community Relations	1. Upon successful completion of AJ 128 F students will be able to demonstrate an understanding of the problems facing the police and the community.	Writing Assignment
	2. Upon successful completion of AJ 128 F students will be able to recognize true community oriented programs versus public relations programs.	Writing Assignment
AJ 135 F Weaponless Defense	1. Upon successful completion of AJ 135 F students will be able to demonstrate a superior ability to apply the recommended police holds come-alongs and protective tactics in which they have received instruction.	Demonstration
	2. Upon successful completion of AJ 135 F students will be able to demonstrate their understanding of the uses and limitation of various police holds.	Demonstration
AJ 137 F Firearms	1. Upon successful completion of AJ 137 F students will be able to demonstrate their knowledge and appreciation of safety principles relating to dangerous weapons by firing under controlled conditions and applying such principles under field conditions.	Demonstration

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	2. Upon successful completion of AJ 137 F students will be able to knowledge of the principles of law limiting the use of force by peace officers and be able to describe such limitation in practical problem solving exercises.	Demonstration
AJ 140 F Juvenile Procedures	1. Upon successful completion of AJ 140 F students will be able to demonstrate an understanding of the Welfare and Institutions Code relating to youthful offenders and child abuse victims.	Exam
	2. Upon successful completion of AJ 140 F students will be able to identify social factors leading to youth crime. Evaluation of cultural and socio-economic differences within the communities that may lead to youth crime.	Exam
AJ 151 F Police Report Writing	1. Upon successful completion of AJ 151 F students will be able to identify the use of police reports as well as the importance of taking thorough notes.	Writing Assignment
	2. Upon successful completion of AJ 151 F students will be able to record a series of events in chronological order.	Writing Assignment
AJ 220 F Criminal Procedure	1. Upon successful completion of AJ 220 F students will be able to identify the level of proof necessary to meet Fourth Amendment standards of probable cause and offer a fact pattern that supports probable cause during a search and/or seizure.	Exam
	2. Upon successful completion of AJ 220 F students will be able to prepare a law case brief that correctly analyzes constitutional principles related to operational police practices	Writing Assignment
AJ 222 F Rules of Evidence	1. Upon successful completion of AJ 222 F students will be able to trace the historical development of formal evidentiary rules in Western criminal courts since the Norman Conquest.	Speech
	2. Upon successful completion of AJ 222 F students will be able to evaluate evidentiary court procedures regarding witnesses, hearsay evidence and/or judicial privilege.	Exam
AJ 223 F Criminal Investigation	1. Upon successful completion of AJ 223 F students will be able to demonstrate criminal investigation techniques as they relate to particular offenses.	Exam
	2. Upon successful completion of AJ 223 F students will be able to explain the basic characteristics which the criminal investigator must process so that he/she may cope with the criminal offender.	Exam
AJ 226 F Narcotics & Vice Control	1. Upon successful completion of AJ 226 F students will be able to describe their understanding of the psychological and physical affects of various narcotics and dangerous drugs utilized throughout our society.	Exam
	2. Upon successful completion of AJ 226 F students will be able to demonstrate an understanding of how illegal narcotics and precursor drugs continue to be smuggled into the United States from foreign sources.	Exam
AJ 230 F Crime Scene Techniques	1. Upon successful completion of AJ 230 F students will be able to identify and discuss the two broad types of evidence encountered by law Enforcement officers	Exam
	2. Upon successful completion of AJ 230 F students will be able to compare and contrast the differences between direct and circumstantial evidence.	Exam
AJ 252 F Police Patrol	1. Upon successful completion of AJ 252 F students will be able to describe the purposes and types of police patrol activities.	Exam
	2. Upon successful completion of AJ 252 F students will be able to demonstrate knowledge and understanding of methods of beat coverage, car stops both felony and misdemeanors by their performance in simulated field exercises.	Exam
AJ 276 F Investigation of Homicidal Behavior	1. Upon successful completion of AJ 276 F students will be able to understand and discuss the psychology and motives of murder.	Writing Assignment
	2. Upon successful completion of AJ 276 F students will be able to understand and recognize a variety of wounds as well as various modes of death.	Writing Assignment
AJ 277 F P.C. 832 Arrest, Control & Firearms Training	Proposed for Deletion	
AJ 278 F Multicultural Issues within Administration	1. Upon successful completion of AJ 278 F students will be able to understand about the changing demographics of California and the implications of those changes for the Administration of Justice professions.	Writing Assignment

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of Justice	2. Upon successful completion of AJ 278 F students will be able to communicate the history of discrimination in the U.S. and the laws and court decisions that have changed that history.	Writing Assignment
AJ 279 F Contemporary Issues in Law Enforcement	1. Upon successful completion of AJ 279 F students will be able to identify and discuss the critical issues facing American law enforcement officers in the 21 <sup>st</sup> century.	Writing Assignment
	2. Upon successful completion of AJ 279 F students will be able to demonstrate a working knowledge of community-oriented policing and problem solving and apply its philosophy to daily police-community interaction.	Writing Assignment
AJ 901 F Organized Crime & the Criminal Justice System	1. Upon successful completion of AJ 901 F students will be able to effectively communicate his/her knowledge of how organized crime is structured, how it operates, and its ultimate effect on society.	Writing Assignment
	2. Upon successful completion of AJ 901 F students will be able to discuss and identify the various criminal groups involved in organized crime within the United States, their criminal activities, and the myths that surround them.	Writing Assignment
<b>Architecture</b>		
ARCH 111 F Introduction to Architecture	Upon successful completion of ARCH 111 F, the student will be able to define what an Architect does	Exam
	Upon successful completion of ARCH 111 F, the student will be able to discuss the philosophies and design principles of architects	Speech
ARCH 113 F Architectural Drawing I	Upon successful completion of ARCH 113 F, the student will be able to utilize a range of drawing media and drafting tools	Portfolio
	Upon successful completion of ARCH 113 F, the student will be able to articulate and present imagined ideas in a format that represents professional and formal illustration	Speech
ARCH 124 F Architectural CAD I	Upon successful completion of ARCH 124 F, the student will be able to utilize the basic skills achieved of computer assisted drafting and design	Exam
	Upon successful completion of ARCH 124 F, the student will be able to participate in advanced architectural CAD courses by identifying the components of a CAD System	Exam
ARCH 125 F Design Studio I	Upon successful completion of ARCH 125 F, the student will be able to utilize media and graphic representation techniques	Speech
	Upon successful completion of ARCH 125 F, the student will be able to participate in advanced design studio activities	Speech
ARCH 215 F Design Studio II	Upon successful completion of ARCH 215 F, the student will be able to apply indepth acquisition of the skill of spatial manipulation	Speech
	Upon successful completion of ARCH 215 F, the student will be able to participate in advanced design studio activities	Speech
ARCH 225 F Design Studio III	Upon successful completion of ARCH 225 F, the student will be able to participate in the analytical process of relating various construction features to abstract design	Speech
	Upon successful completion of ARCH 225 F, the student will be able to Participate in advanced design studio activities	Speech
ARCH 227 F Internship in Architecture	Upon successful completion of ARCH 227 F, the student will be able to develop measureable performance-based learning objectives for an internship position	Portfolio
	Upon successful completion of ARCH 227 F, the student will be able to identify an employer's expectations	Exam
ARCH 924 F Architectural CAD II	Upon successful completion of ARCH 924 F, the student will be able to describe the components used in Architectural CAD for Residential Construction	Exam
	Upon successful completion of ARCH 924 F, the student will be able to complete a set of residential construction drawings	Portfolio

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ARCH 934 F Architectural CAD III	Upon successful completion of ARCH 934 F, the student will be able to describe the components used in Architectural CAD for Commercial Construction	Exam
	Upon successful completion of ARCH 934 F, the student will be able to complete a set of commercial construction drawings	Portfolio
ARCH 944 F Architectural CAD IV	Upon successful completion of ARCH 944 F, the student will be able to describe the components used in architectural CAD for three dimensional construction	Exam
	Upon successful completion of ARCH 934 F, the student will be able to complete a set of three dimensional drawings	Portfolio
<b>Automotive Technology</b>		
AUTO 050 F Automotive Specialty Practice	1. Upon successful completion of AUTO 050 F students will be able to describe the procedure for replacing an alternator/generator.	Writing Assignment
	2. Upon successful completion of AUTO 050 F students will be able to describe the procedure for replacing the starter motor.	Writing Assignment
AUTO 051 F Internship in Automotive	1. Upon successful completion of AUTO 051 F students will be able to describe the procedure for replacing a flywheel.	Writing Assignment
	2. Upon successful completion of AUTO 051 F students will be able to describe the procedure for replacing a coolant thermostat.	Writing Assignment
AUTO 055 F Automotive Business Management	1. Upon successful completion of AUTO 055 F, the student will be able to describe the procedure to handle an angry customer.	Writing Assignment
	2. Upon successful completion of AUTO 055 F, the student will be able to describe the procedure for properly evaluating a repair from customer's concerns.	Writing Assignment
AUTO 060 F Automotive Powertrains	1. Upon successful completion of AUTO 060 F, the student will be able to describe the procedure for replacing the transmission - rear- extension - housing seal and bushing.	Writing Assignment
	2. Upon successful completion of AUTO 060 F, the student will be able to describe the procedure for replacing a complete clutch assembly.	Writing Assignment
AUTO 065 F Auto Electrcl/Electrnic Systms	1. Upon successful completion of AUTO 065 F, the student will be able to describe the procedure for replacing a battery.	Writing Assignment
	2. Upon successful completion of AUTO 065 F, the student will be able to describe the procedure for replacing an ignition switch.	Writing Assignment



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AUTO 070 F Engine Reconditioning	1. Upon successful completion of AUTO 070 F students will be able to describe the procedure for replacing a timing chain.	Writing Assignment
	2. Upon successful completion of AUTO 070 F students will be able to describe the procedure for replacing a head gasket.	Writing Assignment
AUTO 072 F Automotive Engine Performance	1. Upon successful completion of AUTO 072 F students will be able to describe the procedure for replacing a throttle position sensor.	Writing Assignment
	2. Upon successful completion of AUTO 072 F students will be able to describe the procedure for replacing an air flow meter.	Writing Assignment
AUTO 073 F Brake Systems Repair	1. Upon successful completion of AUTO 073 F students will be able to describe the procedure for replacing a brake master cylinder.	Writing Assignment
	2. Upon successful completion of AUTO 073 F students will be able to describe the procedure for replacing a brake booster.	Writing Assignment
AUTO 081 F Engine Rebuilding and Repair	1. Upon successful completion of AUTO 081 F, the student will be able to describe the procedure for replacing a timing belt.	Writing Assignment
	2. Upon successful completion of AUTO 081 F, the student will be able to describe the procedure for replacing an engine core plug.	Writing Assignment
AUTO 082 F Engine Performance /Driveabltly	1. Upon successful completion of AUTO 082 F, the student will be able to describe the procedure for replacing an electric fuel pump.	Writing Assignment
	2. Upon successful completion of AUTO 082 F, the student will be able to describe the procedure for replacing a fuel injector.	Writing Assignment
AUTO 083 F Brake and Suspension Systems Repair	1. Upon successful completion of AUTO 083 F, the student will be able to describe the procedure for replacing shock absorbers.	Writing Assignment
	2. Upon successful completion of AUTO 083 F, the student will be able to describe the procedure for replacing ball joints.	Writing Assignment
AUTO 084 F Automatic Transmissions	1. Upon successful completion of AUTO 084 F students will be able to describe the procedure for replacing a torque converter.	Writing Assignment

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	2. Upon successful completion of AUTO 084 F students will be able to describe the procedure for replacing a valve body.	Writing Assignment
AUTO 086 F Automatic Transmission Fundamentals	1. Upon successful completion of AUTO 086 F students will be able to describe the procedure for replacing: the transmission - pan gasket.	Writing Assignment
	2. Upon successful completion of AUTO 086 F students will be able to describe the procedure for replacing the transmission - vacuum modulator.	Writing Assignment
AUTO 088 F Fuel Systems and Advanced Drivability Diagnosis	1. Upon successful completion of AUTO 088 F students will be able to describe the procedure for replacing an oxygen sensor.	Writing Assignment
	2. Upon successful completion of AUTO 088 F students will be able to describe the procedure for replacing an intake-air temperature sensor.	Writing Assignment
AUTO 089 F Automotive Air Conditioning	1. Upon successful completion of AUTO 089 F students will be able to describe the procedure for replacing the compressor.	Writing Assignment
	2. Upon successful completion of AUTO 089 F students will be able to describe the procedure for replacing the evaporator core.	Writing Assignment
AUTO 090 F Emission Control Systems and Advanced Diagnosis	1. Upon successful completion of AUTO 090 F students will be able to describe the procedure for replacing the exhaust - gas - recirculation valve.	Writing Assignment
	2. Upon successful completion of AUTO 090 F students will be able to describe the procedure for replacing the exhaust manifold.	Writing Assignment
AUTO 091 F Cylinder Head Repair	1. Upon successful completion of AUTO 091 F students will be able to describe the procedure for grinding a valve face.	Writing Assignment
	2. Upon successful completion of AUTO 091 F students will be able to describe the procedure for replacing valve-guide seals.	Writing Assignment
AUTO 096 F Performance Technology	1. Upon successful completion of AUTO 096 F students will be able to describe the procedure for retrieving diagnostic trouble codes (DTCs).	Writing Assignment
	2. Upon successful completion of AUTO 096 F students will be able to describe the procedure for replacing the manifold absolute pressure sensor (MAP).	Writing Assignment



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AUTO 131 F Automotive Fundamentals	1. Upon successful completion of AUTO 131 F students will be able to describe the procedure to find an engine oil leak.	Writing Assignment
	2. Upon successful completion of AUTO 131 F students will be able to describe the procedure to do an engine-compression test.	Writing Assignment
<b>Cinema-Radio-Television</b>		
CRTV 030 F Media Industry Independent Contractor	1. Upon successful completion of CRTV 030 F students will be able to develop a budget for a media business.	Project
	2. Upon successful completion of CRTV 030 F students will be able to develop a marketing plan for a media business.	Project
CRTV 118 F Intro to Radio, TV & Film	1. Upon successful completion of CRTV 118 F students will be able to identify the president of RCA who was instrumental in the development of radio and television broadcasting	Exam
	2. Upon successful completion of CRTV 118 F students will be able to identify the 5 stages of filmmaking.	Exam
CRTV 120 F Media Aesthetics	1. Upon successful completion of CRTV 120 F students will be able to distinguish between attached shadows that influence perception of shape and texture and cast shadows that articulate distance from a surface or other objects.	Exam
	2. Upon successful completion of CRTV 120 F students will be able to distinguish how volume of light, distance, color spill, and mixed color temperature can compromise the accurate appearance of color.	Exam
CRTV 121 F The American Cinema	1. Upon successful completion of CRTV 121 F students will be able to identify the typical characteristics found in standard motion picture genres of Noir, Combat/War, Western, Musicals, and Romantic Comedy.	Exam
	2. Upon successful completion of CRTV 121 F students will be able to identify the key elements of resource ownership and control, production, and distribution in vertical integration of the motion picture industry during the classical studio period.	Exam
CRTV 122 F Audio Production Techniques	1. Upon completion of CRTV 122 F, the student will be able to operate audio recording equipment used in radio, internet radio and television.	Successful students will complete a timed project involving operation of audio recording equipment used in radio, internet radio and television.
	2. Upon completion of CRTV 122 F, the student will be able to produce radio, internet radio and television recordings using digital audio software.	Successful students will complete timed production projects using digital audio software.

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CRTV 124 F Broadcast Advertising Sales	1. Upon completion of CRTV 124 F, the student will be able to identify sales techniques used in broadcast media.	The successful student will produce a professional quality sales presentation.
	2. Upon completion of CRTV 124 F, the student will be able to conduct a sales presentation.	The successful student will demonstrate a knowledge of sales presentations for various radio formats.
CRTV 126AF World Cinema to 1945	1. Upon successful completion of CRTV 126AF students will be able to recognize cinematic characteristics of German Expressionism.	Exam
	2. Upon successful completion of CRTV 126AF students will be able to recognize camera angles and editing transitions.	Writing assignment
CRTV 126BF World Cinema 1946 to Present	1. Upon successful completion of CRTV 126BF students will be able to analyze film characteristics of Film Noir.	Exam
	2. Upon successful completion of CRTV 126BF students will be able to distinguish popular genres and art movements in Europe after WWII.	Exam
CRTV 127 F Screenwriting	1. Upon successful completion of CRTV 127 F students will be able to define and understand the importance of character arc to telling a compelling story.	Writing assignment
	2. Upon successful completion of CRTV 127 F students will be able to demonstrate the eleven step story structure and proper professional screenplay formatting.	Project
CRTV 128 F Writing for Radio, Television and Film	1. Upon successful completion of CRTV 128 F Writing for Radio, Television and Film, the student will be able to analyze styles of writing for radio, TV, film and the Internet.	Student will successfully be able to identify various styles of writing for radio, TV, film and the Internet.
	2. Upon successful completion of CRTV 128 F Writing for Radio, Television and Film, the student will be able to compose written copy for radio, TV, film and the Internet.	Student will successfully be able to complete professional quality writing assignments for radio, TV, film and the Internet.
CRTV 129 F Broadcast News	1. Upon completion of CRTV 129 F, the student will be able to compose a broadcast quality newscast for radio.	The successful student will be able to produce weekly two minute radio newscasts.
	2. Upon completion of CRTV 129 F, the student will be able to compose and perform a :15 - 30 minute interview.	The successful student will be able to produce a :15-:30 minute interview suitable for on-air and podcasting.
CRTV 130 F Broadcast Audio Production	1. Outcome: Upon completion of CRTV 130 F, the student will be able to compose and arrange industry quality recordings for radio, television and the Internet.	Student will compose and produce a final multi-tracked assignment.

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	II. Outcome: Upon completion of CRTV 130 F, the student will be able to produce industry quality recordings for radio, television and the Internet.	Student will produce a final multi-tracked assignment.
CRTV 131 F Contemporary Cinema	1. Upon successful completion of CRTV 131 F students will be able to describe how the motion picture industry successfully adapted to a new operational model after the forced divestiture of its theaters, the loss of the bulk of its audience to television, and the narrowing of the demographics of its audience.	Exam
	2. Upon successful completion of CRTV 131 F students will be able to describe how business factors have shaped which movies are made, how they are made, and how and to whom they are distributed.	Exam
CRTV 133 F Traffic Reporting	I. Outcome: Upon successful completion of CRTV 133 F, the student will be able to identify traffic incidents, and compose traffic reports.	Student will compose and produce a final project comprised of a written traffic assignment for radio and a written assignment for television.
	II. Outcome: Upon successful completion of CRTV 133 F, the student will be able to produce traffic reports and perform traffic reports for broadcast.	A successful student will produce a professional quality traffic demo.
CRTV 135 F Broadcast TV and Radio Announcing	I. Outcome: Upon successful completion of CRTV 135 F, the student will be able to demonstrate on-camera announcing techniques.	The student will conduct an on-camera interview.
	II. Outcome: Upon successful completion of CRTV 135 F, the student will be able to analyze and interpret commercial copy using established broadcast techniques.	The student will demonstrate competence in the delivery of commercial copy on-camera and off.
	III. Outcome: Upon successful completion of CRTV 135 F, the student will be able to research and interpret material for use in a music radio program.	The student will conduct a music radio program on campus radio station KBPK.
CRTV 137 F Television Announcing	<i>Deletion Pending</i>	
CRTV 145 F Radio/TV Sports Broadcasting	I. Outcome: Upon completion of CRTV 145 F, the student will be able to compose sports broadcasting copy.	Successful students will be able to compose color and play-by-play copy for use on radio and television.
	II. Outcome: Upon completion of CRTV 145 F, the student will be able to compose and produce a sports broadcast.	The successful student will conduct a professional quality sports broadcast.
CRTV 150 F Television Studio Production	1. Upon successful completion of CRTV 150 F students will be able to direct a production using the proper terminology 75% of the time.	Project
	2. Upon successful completion of CRTV 150 F students will be able to calculate proper f-stop setting when given a written example.	Exam

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CRTV 157 F Digital Production/Non-Linear Editing for Video/Film	1. Upon successful completion of CRTV 157 F students will be able to successfully use digital editing software.	Project
	2. Upon successful completion of CRTV 157 F students will be able to operate digital camcorders.	Exam
CRTV 160 F Introduction to Filmmaking	1. Upon successful completion of CRTV 160 F students will be able to operate 16mm motion picture cameras.	Demonstration
	2. Upon successful completion of CRTV 160 F students will be able to properly expose and edit motion picture film.	Project
CRTV 164 F Advanced Digital Production - Non-Linear Editing for Video	1. Upon successful completion of CRTV 160 F students will be able to use Final Cut Pro to add keyframe actions to video clips.	Demonstration
	2. Upon successful completion of CRTV 160 F students will be able to record green screen scenes and use FCP filters to edit the effect into a video.	Project
CRTV 175 F Documentary Filmmaking	I. Outcome: Upon successful completion of CRTV 175 F the student will be able to identify and discuss historical and cinematic production elements related to non fiction/documentary film.	Instructor will evaluate students through use of tests and research assignments.
	II. Outcome: Upon successful completion of CRTV 175 F the student will be able to identify and use production and post production video techniques of documentary filmmaking	Instructor will evaluate students through production non fiction video projects.
	III. Outcome: Upon successful completion of CRTV 175 F the student will be able to demonstrate pre-production subject research and recognize storytelling/thematic elements.	Instructor will evaluate students through writing documentary proposals/scripts.
CRTV 196 F Communications Seminars	Outcome: Learning outcomes will depend on the specifics of each special topic course. In general, students will be expected to demonstrate the application of critical thinking skills to the subject matter of the course.	Instructor will evaluate knowledge and/or performance through various tools including but not limited to written examinations, written papers, presentations, productions, and performances
CRTV 199 F Cinema-Radio-TV Independent Study	I. Outcome: Upon successful completion of CRTV 199F student will fulfill the objectives outlined in their Independent Study Contract.	Instructor will evaluate knowledge and/or performance through various tools including but not limited to written examinations, written papers, presentations, productions, and performances.

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
CRTV 235 F On-Air Radio Broadcasting	I. Outcome: Upon completion of CRTV 235 F, the student will be able to produce a weekly radio program.	The successful student will develop a professional quality radio demo.
	II. Outcome: Upon completion of CRTV 235 F, the student will be able to identify differences in on-air delivery styles.	The successful student will produce a professional employment audition package.
	III. Outcome: Apply professional techniques based on contemporary industry standards while performing a live music program.	The successful student will attain an entry level job in the radio industry.
	IV. Outcome: Upon completion of CRTV235 F, the student will be able to comprehend the roles and business model of a radio/internet radio station.	The successful student will be able to identify the personnel roles within a radio/internet radio station.
CRTV 245AF Digital Editing, Graphics and Effects	I. Outcome: Upon successful completion of CRTV 245AF the student will be able to describe video editing procedures.	Instructor will evaluate student knowledge through written exams.
	II. Outcome: Upon successful completion of CRTV 245AF the student will be able to demonstrate effective video editing.	Instructor will evaluate student skills through video editing projects.
CRTV 245BF Advanced Digital Editing, Graphics & Effects	I. Outcome: Upon successful completion of CRTV 245BF the student will be able to define terms related to nonlinear video editing procedures, special effects and graphic utilization..	Instructor will evaluate student knowledge through written exams.
	II. Outcome: Upon successful completion of CRTV 245BF the student will be able to demonstrate effective nonlinear video editing procedures, special effects and graphic utilization.	Instructor will evaluate student skills through nonlinear video editing projects.
CRTV 280 F Television Production Workshop	1. Upon successful completion of CRTV 280 F students will be able to set-up a camera for a remote shoot.	Demonstration
	2. Upon successful completion of CRTV 280 F students will be able to define and utilize proper television production terminology.	Exam
CRTV 290 F Internship in Communications	1. Upon successful completion of CRTV 290 F students will be able to compose an industry appropriate resume.	Writing assignment
	2. Upon successful completion of CRTV 290 F students will be able to compose an industry appropriate cover letter.	Writing assignment
<b>Construction Technology</b>		
CSTR 005 F Construction Technology Lab	1. Upon successful completion of CSTR 005 F students will be able to apply safe working practices.	Demonstration
	2. Upon successful completion of CSTR 005 F students will be able to explain at least five types of personal protective equipment (PPE).	Speech
CSTR 006 F Residentl Plumbing/Mech Systems	1. Upon successful completion of CSTR 006 F students will be able to identify the three types of plumbing systems.	Exam
	2. Upon successful completion of CSTR 006 F students will be able to describe the three types of HVAC/Mechanical systems.	Exam

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
CSTR 007 F Residential Electrical Systems	1. Upon successful completion of CSTR 007 F students will be able to calculate a load center for a residential structure.	Exam
	2. Upon successful completion of CSTR 007 F students will be able to install a ground fault circuit interrupter to current code.	Project
CSTR 014 F Contractor's License Law	1. Upon successful completion of CSTR 014 F students will be able to define the requirements for becoming a California licensed Contractor.	Exam
	2. Upon successful completion of CSTR 014 F students will be able to distinguish the types of licenses.	Exam
CSTR 015 F Construction Management	1. Upon successful completion of CSTR 015 F students will be able to differentiate the various construction delivery methods.	Exam
	2. Upon successful completion of CSTR 015 F students will be able to summarize the traditional delivery methods.	Exam
CSTR 016 F Bus Admin for Const Industry	1. Upon successful completion of CSTR 016 F students will be able to prepare a business plan.	Project
	2. Upon successful completion of CSTR 016 F students will be able to compare the different business entities.	Exam
CSTR 18 F Residential Constrctn Pract II	1. Upon successful completion of CSTR 018 F students will be able to demonstrate safe working practices.	Project
	2. Upon successful completion of CSTR 018 F students will be able to develop good craftsmanship	Project
CSTR 020 F Remodeling/Additions Const I	1. Upon successful completion of CSTR 020 F students will be able to recognize the importance of good customer relations.	Project
	2. Upon successful completion of CSTR 020 F students will be able to perform the installation of a window.	Project
CSTR 022 F Remodeling/Addition Const II	1. Upon successful completion of CSTR 022 F students will be able to measure the area of walls.	Project
	2. Upon successful completion of CSTR 022 F students will be able to lay out a wall for framing.	Project
CSTR 028 F Intro to Alternate Energy	1. Upon successful completion of CSTR 028 F students will be able to classify alternative forms of energy.	Exam
	2. Upon successful completion of CSTR 028 F students will be able to product an energy calculation.	Exam
CSTR 030 F Construction Blueprint Reading	1. Upon successful completion of CSTR 030 F students will be able to interpret the alphabet of lines.	Exam
	2. Upon successful completion of CSTR 030 F students will be able to read a bearing.	Exam
CSTR 031 F International Building Code	1. Upon successful completion of CSTR 031 F students will be able to identify building occupancies.	Exam

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	2. Upon successful completion of CSTR 031 F students will be able to locate a code using the current International Building Code book.	Exam
CSTR 032 F Uniform Plumbing Code	1. Upon successful completion of CSTR 032 F students will be able to recall the three stages of plumbing.	Exam
	2. Upon successful completion of CSTR 032 F students will be able to diagram a water distribution system.	Exam
CSTR 033 F Comm Cnst Blueprint Reading	1. Upon successful completion of CSTR 033 F students will be able to distinguish between commercial and residential drawings.	Exam
	2. Upon successful completion of CSTR 033 F students will be able to identify an electrical panel on a drawing.	Exam
CSTR 034 F National Electrical Code	1. Upon successful completion of CSTR 034 F students will be able to define the acronym NFPA.	Exam
	2. Upon successful completion of CSTR 034 F students will be able to select the appropriate Article section for grounding.	Exam
CSTR 035 F CA Accessibility & Energy Code	1. Upon successful completion of CSTR 035 F students will be able to present an energy calculation.	Speech
	2. Upon successful completion of CSTR 035 F students will be able to recite five Energy codes.	Exam
CSTR 036 F Uniform Bldg Code-Residential	1. Upon successful completion of CSTR 036 F students will be able to describe Type V Construction	Exam
	2. Upon successful completion of CSTR 036 F students will be able to interpret the floor span table.	Exam
CSTR 037 F Uniform Bldg Code-Comm/Indstrl	1. Upon successful completion of CSTR 037 F students will be able to identify building occupancies.	Exam
	2. Upon successful completion of CSTR 037 F students will be able to code using the current International Building Code book.	Exam
CSTR 038 F Uniform Mechanical Code	1. Upon successful completion of CSTR 038 F students will be able to select a specific code application.	Exam
	2. Upon successful completion of CSTR 038 F students will be able to identify a Class K fire.	Exam
CSTR 039 F Commercial Mechanical Code	1. Upon successful completion of CSTR 039 F students will be able to select a specific code application.	Exam
	2. Upon successful completion of CSTR 039 F students will be able to identify a Class K fire.	Exam
CSTR 040 F Bldg Design-Hazard Materials	1. Upon successful completion of CSTR 040 F students will be able to explain the definition of hazardous materials.	Exam
	2. Upon successful completion of CSTR 040 F students will be able to list the nine classes of hazardous materials.	Exam
CSTR 041 F International Residential Code	1. Upon successful completion of CSTR 041 F students will be able to describe Type V Construction	Exam



Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
	2. Upon successful completion of CSTR 041 F students will be able to interpret the floor span table.	Exam
CSTR 042 F Residential Steel Frame Const	1. Upon successful completion of CSTR 042 F students will be able to match the gauges of steel to mill thickness.	Exam
	2. Upon successful completion of CSTR 042 F students will be able to name three advantages of steel construction.	Exam
CSTR 050 F Comp Dsgn Software/Contracto	1. Upon successful completion of CSTR 050 F students will be able to navigate through the software.	Speech
	2. Upon successful completion of CSTR 050 F students will be able to create a floor plan	Project
CSTR 060 F Computer Estimating-Constructn	1. Upon successful completion of CSTR 060 F students will be able to perform a basic take-off calculation.	Exam
	2. Upon successful completion of CSTR 060 F students will be able to populate a database.	Project
CSTR 065 F Construction Project Scheduling	1. Upon successful completion of CSTR 065 F students will be able to identify two types of schedules.	Exam
	2. Upon successful completion of CSTR 065 F students will be able to create a schedule.	Exam
CSTR 100 F Beginning Residential Constr	1. Upon successful completion of CSTR 100 F students will be able to name the three qualities of a building.	Exam
	2. Upon successful completion of CSTR 100 F students will be able to demonstrate the changing of a skill-saw blade.	Demonstration
CSTR 102 F Residential Finish Carpentry	1. Upon successful completion of CSTR 102 F students will be able to label the components of a door.	Exam
	2. Upon successful completion of CSTR 102 F students will be able to measure lineal footage around a room.	Demonstration
CSTR 104 F Concrete and Masonry	1. Upon successful completion of CSTR 104 F students will be able to utilize the concrete/volume formula.	Exam
	2. Upon successful completion of CSTR 104 F students will be able to name the eight steps of concrete finishing.	Exam
CSTR 108 F Surveying for Builders	1. Upon successful completion of CSTR 108 F students will be able to differentiate between a builder's level and a transit.	Exam
	2. Upon successful completion of CSTR 108 F students will be able to calculate differences in elevation from plotted stakes.	Demonstration
CSTR 110 F Residential Estimating	1. Upon successful completion of CSTR 110 F students will be able to formulate the number of studs in a wall.	Exam
	2. Upon successful completion of CSTR 110 F students will be able to disseminate the various components that make up a wall system.	Exam
CSTR 112 F Constr Matrls,	1. Upon successful completion of CSTR 112 F students will be able to define CSI.	Exam

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
Specs, & Purch		
	2. Upon successful completion of CSTR 112 F students will be able to match the appropriate division for doors.	Exam
CSTR 116 F Residential Constr Practice I	1. Upon successful completion of CSTR 116 F students will be able to illustrate the location of utilities on a plot plan.	Exam
	2. Upon successful completion of CSTR 116 F students will be able to break down the components of a raised floor system.	Exam
<b>Cosmetology</b>		
COSM 041 F Esthetician: Level 1	1. Upon successful completion of COSM 041 F, the student will be able to demonstrate and evaluate practical procedures by the State Board of Barbering and Cosmetology's Performance Criteria, "The Barbering and Cosmetology Act," and the Rules and Regulations.	Exam
	2. Upon successful completion of COSM 041 F, the student will be able to recognize the types and conditions of the skin and discuss general recommendations appropriate for basic treatments.	Exam
COSM 042 F Esthetician: Level 1	1. Upon successful completion of COSM 041 F, the student will be able to employ advanced technical skills with emphasis on safety and infection control procedures, as mandated by the California State Board of Barbering and Cosmetology's Performance Criteria, "The Barbering and Cosmetology Act," and the Rules and Regulations.	Exam
	2. Upon successful completion of COSM 041 F, the student will be able to analyze the types and conditions of the skin and formulate appropriate treatments and products that are conducive for specific skin types and conditions.	Exam
COSM 043 F Advanced Topics in Esthetic	1. Upon successful completion of COSM 043 F, the student will be able to analyze indications and contraindications for specific treatments at an advanced level.	Exam
	2. Upon successful completion of COSM 043 F, students will be able to execute appropriate treatments following safe and sanitary procedures as outlines by the FDA, OSHA, and the Board of Barbering and Cosmetology.	Exam
COSM 046 F Advanced Topics in Esthetics - Makeup and Micro-Dermabrasion	1. Upon successful completion of COSM 046 F, the student will be able to demonstrate how to disassemble, disinfect and re-assemble the air brush spray handle used in air brushed makeup.	Exam
	2. Upon successful completion of COSM 046 F, the student will be able to demonstrate filling the micro-dermabrasion machine with crystals as mandated by CAL-OSHA.	Exam
COSM 047 F Advanced Topics in Esthetics - Micro-Dermabrasion	1. Upon successful completion of COSM 047 F, the student will be able to demonstrate disposal methods of crystals used in micro-dermabrasion as mandated by CAL-OSHA.	Exam
	2. Upon successful completion of COSM 047 F, the student will be able to identify terminology used for micro-dermabrasion and safety procedures.	Exam

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
COSM 048 F Advanced Topics in Esthetics - Makeup Airbrush	1. Upon successful completion of COSM 048 F, the student will be able to demonstrate a basic makeup application using the air brush machine.	Exam
	2. Upon successful completion of COSM 048 F, the student will be able to identify terminology used for Airbrush makeup and safety procedures.	Exam
COSM 055AF Cosmetology: Level 1	1. Upon successful completion of COSM 055AF students will be able to demonstrate the procedure for the disinfection of equipment as mandated by the State Board of Barbering and Cosmetology standards.	Instructor will evaluate student performance skills of disinfection and safety precautions.
	2. Upon successful completion of COSM 055AF students will be able to identify terminology used for disinfection procedures.	Exam
COSM 055BF Cosmetology: Level 2	1. Upon successful completion of COSM 055 BF, Cosmetology: Level 2, the student will be able to demonstrate and recall applied knowledge acquired in Level 1, such as hair, skin, nails and personal and community health and safety.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average of "C" or better.
	2. Upon successful completion of COSM 055 BF, Cosmetology: Level 2, the student will be able to perform practical procedures from the California State Board of Barbering and Cosmetology's Performance Criteria, "The Barbering and Cosmetology Act", and the Rules and Regulations, in preparation for the State Board licensing exam.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average of "C" or better.
	3. Upon successful completion of COSM 055 BF, Cosmetology: Level 2, the student will be able to display applied knowledge of self-development by application. Practice using problem solving techniques. Develop self-confidence and recognize correct attitude in a client relationship.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average of "C" or better.
	4. Upon successful completion of COSM 055 BF, Cosmetology: Level 2, the student will be able to demonstrate entry-level practical techniques and behavioral qualities required for industry success and to enable the student to meet competency requirements into COSM 055CF, Cosmetology: Level 3	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average of "C" or better.
COSM 055CF Cosmetology: Level 3	1. Upon successful completion of COSM 55CF Cosmetology Level 3, the student will be able to: Execute knowledge acquired in Levels 1 and 2, i.e. hair, skin, nails, and personal and community health and safety. Perform the practical procedures from the California Board of Barbering and Cosmetology Performance Criteria, the Barbering & Cosmetology Act and Regulations, in preparation for the California State Board licensing exam.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average grade of "C" or better.
	2. Upon successful completion of COSM 055CF Cosmetology Level 3, the student will be able to: Apply related information necessary for correct use of products and appropriate treatments. Employ self-confidence and correct attitude in a client relationship. Identify professional trade ethics and job responsibilities. Use problem-solving skills and perform techniques in areas of application for the client's overall image.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average grade of "C" or better.
	3. Upon successful completion of COSM 055CF Cosmetology Level 3, the student will be able to: Assume responsibility for self-development. List criteria for a professional image and promote teamwork. Exhibit self-discipline and accept individual responsibility to meet competency requirements for entrance into COSM 055DF Cosmetology Level 4.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average grade of "C" or better.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
COSM 055DF Cosmetology: Level 4	1. Upon successful completion of COSM 055DF, students will be able to perform an advanced Design Forum combination haircut.	Demonstration
	2. Upon successful completion of COSM 055DF, students will be able to visit a salon and observe the functions and culture of the salon environment.	Written Assignment
COSM 055EF Cosmetology: Level 5	1. Upon successful completion of COSM 55EF, the student will be able to: Perform the practical procedures mandated by the California State Board of Barbering and Cosmetology's Performance Criteria, "The Barbering and Cosmetology Act", and the Rules and Regulations, in preparation for the practical portion of the California State Board of Barbering and Cosmetology licensing examination.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average grade of "C" or better.
	2. Upon successful completion of COSM 55EF, the student will be able to: Master knowledge acquired in Levels 1, 2, 3, and 4, i.e. hair, skin, and nails in preparation for the written portion of the California State Board of Barbering and Cosmetology licensing examination.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average grade of "C" or better.
	3. Outcome: Upon successful completion of COSM 55EF, the student will be able to: Excel in salon entry level practiced techniques and behavioral qualities required for success in the Cosmetology industry.	The successful student will demonstrate sanitary procedures and safe work habits, complete written exams, performance exams, and laboratory procedures with a cumulative average of "C" or better.
COSM 060 F Instruction Tech-Cosmetology	1. Upon successful completion of COSM 060 F students will be able to create, appraise and justify twenty-five lesson plans.	Exam
	2. Upon successful completion of COSM 060 F students will be able to give ten different presentations with practical demonstrations. Assessment:	Demonstration
COSM 061AF Pivot Point Instruction I	1. Upon successful completion of COSM 061AF, the student will be able to prepare, at an entry level for cosmetologist, instructors, and Instructor Trainees a common language and a strong foundation for the Pivot Point Training System.	Exam
	2. Upon successful completion of COSM 061AF, the student will be able to demonstrate manipulative skills required for successful practice in Pivot Point training.	Exam
COSM 061BF Pivot Point Instruction II	1. Upon successful completion of COSM 061BF, the student will be able to differentiate the common principles, concepts, and applications of the Pivot Point system.	Exam
	2. Upon successful completion of COSM 061BF, the student will be able to demonstrate Pivot Point applications at an advanced level on hair design.	Exam
COSM 061CF Pivot Point Instruction III	1. Upon successful completion of COSM 061CF, the student will be able to master Pivot Point concepts in hair sculpturing.	Exam

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
	2. Upon successful completion of COSM 061CF, the student will be able to instruct with a variety of technologies including videos, laser disk, DVD's remote control, and PowerPoint Software.	Demonstration
COSM 070 F CE Instrtn Tech-Cosmetology	1. Upon successful completion of COSM 070 F, the student will be able to design and create various instructional methodologies of a cosmetology master educator.	Exam
	2. Upon successful completion of COSM 070 F, the student will be able to demonstrate and evaluate practical procedures mandated by the State Board of Barbering and Cosmetology, the Cosmetology Performance Criteria, "The Barbering, and Cosmetology Act," and the Rules and Regulations.	Exam
<b>Industrial Drafting</b>		
DRAF 070 F Blueprint Reading for the Metal Trade	Upon successful completion of DRAF 070 F, the student will describe a geometric symbol on a blueprint	Exam
	Upon successful completion of DRAF 070 F, the student will be able to identify a Center linetype on a blueprint	Exam
DRAF 140 F AutoCAD For Industry	Upon successful completion of DRAF 140 F, the student will create an Array to complete a Bolt Hole Pattern	Exam
	Upon successful completion of DRAF 140 F, the student will produce a hard copy print of a drawing to scale	Exam
DRAF 141 F Adv CAD For Industry	Upon successful completion of DRAF 141 F, the student will create a template drawing incorporating the use of Paperspace with assigned settings and scales	Exam
	Upon successful completion of DRAFT 141 F, the student will create a linkable assembly table	Exam
DRAF 142 F Customizing AutoCAD "Historical"	This class is still in CruicUNET - HISTORICAL - is being discontinued Fall 2011	
DRAF 143 F 3D Applications Using AutoCAD	Upon successful completion of DRAF 143 F, the student will create a solid model using the Extrude command	Exam
	Upon successful completion of DRAF 143 F, the student will extract mass property data from a solids model	Exam
DRAF 145 F CAD/CAM "Historical"	This class is still in CruicUNET - HISTORICAL - is being discontinued Fall 2011	
DRAF 171 F CAD/CAM "Historical"	Upon successful completion of DRAF 171 F, the student will create a layout with a Title block	Exam
	Upon successful completion of DRAF 171 F, the student will create an Ellipse using manual drafting tools	Exam
DRAF 173 F Geometric Dimens & Tolerance	Upon successful completion of DRAF 173 F, the student will be able to identify a Perpendicular symbol	Exam

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	Upon successful completion of DRAF 173 F, the student will be able to calculate a hole grouping to determine if they are in tolerance	Exam
DRAF 944 F Parametric Solid Modeling	Upon successful completion of DRAF 944 F, Solidworks, the student will create a detailed hole using the Hole Wizard in a solid body	Exam
	Upon successful completion of DRAF 944 F Solidworks, the student will align two parts parallel using the Mates function	Exam
DRAF 958 F Electronic Drafting/AutoCAD "Historical"	This class is still in Cruuicunet - HISTORICAL - is being discontinued Fall 2011	
<b>Engineering</b>		
ENGR 101AF Surveying I	1. Upon successful completion of ENGR 101 F, the student will be able to solve the following types of problems: taping corrections, leveling tables, trigonometric leveling, traverse adjustments, traverse areas, horizontal curves, and vertical curves.	Exam
	2. Upon successful completion of ENGR 101 F, the student will be able to operate and properly use the following surveying equipment: steel tape, automatic level, various types of leveling rods, theodolite, and total station.	Laboratory reports
ENGR 101BF Surveying II		
ENGR 102 F Engineering Drawing		
ENGR 105 F Engineering CAD	1. Upon completion of ENGR 105 F the student will be able to utilize basic skills achieved of computer-assisted drafting and design to advanced level engineering computer-assisted drafting and design problems	The successful student will be able to participate in advanced engineering CAD drafting and design activities hosted in higher-level courses with a C or better.
	2. Upon completion of ENGR 105 F the student will be able to integrate the aforementioned basic skills into other areas of computer-assisted drafting and design.	The successful student will be able to participate in advanced engineering CAD drafting and design activities hosted in higher-level courses with a C or better.
ENGR 110 F Introduction to Engineering	1. Upon successful completion of ENGR 110 F, the student will be able to demonstrate knowledge of careers in the Engineering Profession, fields of study within Engineering and the Engineering Education system.	Exam
	2. Upon successful completion of ENGR 110 F, the student will be able to apply engineering and scientific problem methods to introductory mechanics and electricity.	Exam
ENGR 201 F Statics	1. Upon successful completion of ENGR 201F, the student will be able to analyze and solve the equilibrium conditions for a particle, a rigid body, a truss or a beam in two or three dimensions.	Exam

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	2. Upon successful completion of ENGR 201F, the student will be able to determine and diagram the forces acting on a particle or a rigid body in two or three dimensions.	Exam
ENGR 203 F Electric Circuits	1. Upon successful completion of ENGR 203 F, the student will be able to translate a circuit diagram to its governing equations and solve these equations.	Exam
	2. Upon successful completion of ENGR 203 F, the student will be able to differentiate between different techniques and choose the appropriate technique to solve a problem involving linear circuits.	Exam
ENGR 203LF Electric Circuits Lab	1. Upon successful completion of ENGR 203LF, the student will be able to use multiple tools to measure currents and voltages in various circuits and evaluate the data.	Laboratory reports
	2. Upon successful completion of ENGR 203LF, the student will be able to analyze and interpret data and compare results with theoretical calculations.	Laboratory reports
<b>Fashion</b>		
FASH 010 F Clothing Construction Studio	1. Upon successful completion of FASH 010 F, the student will be able to accurately analyze personal body measurements.	Assessment: Project assessed against a department standard.
	2. Upon successful completion of FASH 010 F, the student will be able to select appropriate fabric for a student purchased commercial pattern.	Assessment: Project assessed against a department standard.
FASH 020 F Modeling	1. Upon successful completion of FASH 020 F, the student will be able to demonstrate how to model sportswear	Demonstration
	2. Upon successful completion of FASH 020 F, the student will be able to demonstrate how to apply makeup for evening attire fashion show.	Demonstration
FASH 045 F Swim and Active Wear	1. Upon successful completion of FASH 045 F, the student will be able to identify stretch in swimwear fabric	Assessment: Project assessed against a department standard
	2. Upon successful completion of FASH 045 F, the student will be able to list five qualities of a well-made swim suit	Writing Assignment
FASH 050 F Careers in Fashion	1. Upon successful completion of FASH 050 F, the student will be able to compare and contrast a fashion designer and patternmaker	Exam
	2. Upon successful completion of FASH 050 F, the student will be able to outline and define college preparatory classes for a career as a retail sportswear buyer	Assessment: Project assessed against a department standard
FASH 060 F Professional Image	1. Upon successful completion of FASH 060 F, the student will be able to compare and contrast conservative and corporate casual business attire	Project



Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
	2. Upon successful completion of FASH 060 F, the student will be able to prepare a professional resume	Project
FASH 080AF Designing & Sewing Leather	1. Upon successful completion of FASH 080AF, the student will be able to identify top grain leather.	Exam
	2. Upon successful completion of FASH 080AF, the student will be able to construct leather bound buttonholes	Demonstration
FASH 080BF Advanced Sewing Leather	1. Upon successful completion of FASH 080BF, the student will be able to create a toile jacket.	Project
	2. Upon successful completion of FASH 080BF, the student will be able to create a leather skirt.	Project
FASH 085 F Bridal & Special Occasion Wear	1. Upon successful completion of FASH 085 F, the student will be able to identify problems cutting and specialty fabrics.	Exam
	2. Upon successful completion of FASH 085 F, the student will be able to construct a boned bodice.	Project
FASH 087 F Sewing for Profit	1. Upon successful completion of FASH 087 F, the student will be able to analyze and write a cost sheet.	Project
	2. Upon successful completion of FASH 087 F, the student will be able to compare and contrast markup figures.	Project
FASH 088 F CAD for Apparel	1. Upon successful completion of FASH 088 F, the student will be able to create a French dart.	Project
	2. Upon successful completion of FASH 088 F, the student will be able to create a princess seam bodice.	Project
FASH 090 F Creative Serging:Overlock Mach	1. Upon successful completion of FASH 090 F, the student will be able to demonstrate use and care of a five thread overlock serger.	Demonstration
	2. Upon successful completion of FASH 090 F, the student will be able to create a rolled overlocked hem.	Project
FASH 093 F Pattern Alteration & Fitting	1. Upon successful completion of FASH 093 F, the student will be able to analyze body measurements and alter a commercial pattern.	Project
	2. Upon successful completion of FASH 093 F, the student will be able to alter commercial pattern to fit personal body measurements.	Project

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
FASH 096 F Exploring a Home-Based Business	1. Upon successful completion of FASH 096 F, the student will be able to create a sewing center.	Project
	2. Upon successful completion of FASH 096 F, the student will be able to create an advertisement for the home based business.	Project
FASH 101 F Clothing I	1. Upon successful completion of FASH 101 F, the student will be able to master the operation of a single needle sewing machine.	Project
	2. Upon successful completion of FASH 101 F, the student will be able to identify the grain line of fabric and layout a pattern.	Project
FASH 107 F Apparel Analysis	1. Upon successful completion of FASH 107 F, the student will be able to compare and contrast the psychological and sociological influences on fashion and identify design principles used to create original fashion designs.	Project
	2. Upon successful completion of FASH 107 F, the student will be able to define principles of fashion design.	Project
FASH 108 F Flat Pattern Methods & Design I	1. Upon successful completion of this course a student will be able to design a simple garment, create an accurate pattern acceptable to industry standards and analyze the design as marketable for a specific target customer.	The successful student will complete the design projects, written exams, and research projects that meet industry standards with a grade of "C" or better.
FASH 108AF Flat Pattern Methods & Design I	1. Upon successful completion of FASH 108AF, the student will be able to construct a bodice pattern with a bust dart.	Demonstration
FASH 108BF Flat Pattern Methods & Design II	1. Upon successful completion of FASH 108BF, the student will be able to construct a pattern for a six gore skirt.	Project
	2. Upon successful completion of FASH 108BF, the student will be able to design a princess seam jacket pattern.	Project
FASH 108CF Flat Pattern Methods & Design	1. Upon successful completion of FASH 108CF, the student will be able to create a pattern from a flat sketch.	Project
	2. Upon successful completion of FASH 108CF, the student will be able to create a production pattern from a flat sketch.	Project
FASH 109 F Flat Pattern Methods & Design II	1. Upon successful completion of this course: students will be able to recognize current fashion trends, design and create more advanced patterns that meet industry standards that can lead to employment in the apparel industry.	The successful student will complete the design projects, written exams, and research projects, that meet industry standards with a grade of "C" or better.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
FASH 145 F Field Studies in Fashion	1. Upon successful completion of FASH 145 F, the student will be able to compare and contrast job responsibilities at an off-site field trip.	Writing Assignment
	2. Upon successful completion of FASH 145 F, the student will be able to analyze education needed for a defined observed field trip experience.	Writing Assignment
FASH 150 F Introduction to the Fashion Industry	1. Upon successful completion of FASH 150 F, the student will be able to compare and contrast women's marketing structure.	Project
	2. Upon successful completion of FASH 150 F, the student will be able to describe and explain the fashion cycle.	
FASH 152 F Ready-To-Wear Evaluation	1. Upon successful completion of FASH 152 F, the student will be able to compare and contrast the Jr. and women's moderate market.	Project
	2. Upon successful completion of FASH 152 F, the student will be able to identify a define a bridge market.	Exam
FASH 183 F Fashion Marketing	1. Upon successful completion of FASH 183 F, the student will be able to define a marketing strategy for budget sportswear.	Project
	2. Upon successful completion of FASH 183 F, the student will be able to compare and contrast publicity to advertising.	Exam
FASH 186 F Workroom Sketching	1. Upon successful completion of FASH 086 F, the student will be able to compare and contrast flat sketching to fashion sketching.	Exam
	2. Upon successful completion of FASH 086 F, the student will be able to design a sportswear figure.	Project
FASH 188 F Apparel Production	1. Upon successful completion of FASH 188 F, the student will be able to define a lab dip.	Exam
	2. Upon successful completion of FASH 188 F, the student will be able to create and analyze a cost sheet.	Project
FASH 190 F Pattern Grading	1. Upon successful completion of FASH 090 F, the student will be able to compare and contrast an industry size 8 and 10.	Project
	2. Upon successful completion of FASH 090 F, the student will be able to grade a size 8 skirt to a size 10.	Project

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
FASH 196 F International Fashion Studies	1. Upon successful completion of FASH 196 F, the student will be able to identify fashion capitols of the world.	Writing Assignment
	1. Upon successful completion of FASH 196 F, the student will be able to list fashion design houses in Paris France	Writing Assignment
FASH 199 F Fashion Indep Study	1. Upon successful completion of FASH 199 F, the student will be able to create a special independent driven project.	Writing Assignment
	2. Upon successful completion of FASH 199 F, the student will be able to analyze result of the independent project.	Assessment: easy (ESSAY???????)
FASH 201 F Clothing II	1. Upon successful completion of FASH 201 F, the student will be able to create lining for a jacket.	Project
	2. Upon successful completion of FASH 201 F, the student will be able to create a fly front zipper in men or women's trousers.	Project
FASH 202 F Visual Merchandising	1. Upon successful completion of FASH 202 F, the student will be able to assemble a mannequin.	Assessment: skills
	2. Upon successful completion of FASH 202 F, the student will be able to design a simple sportswear display using one mannequin.	Project
FASH 205AF Tailoring	1. Upon successful completion of FASH 205AF, the student will be able to construct a pad stitch under collar.	Project
	2. Upon successful completion of FASH 205AF, the student will be able to create two matching bound buttonholes.	Project
FASH 205BF Tailoring - Advanced	1. Upon successful completion of FASH 205BF, the student will be able to create a tailored lined jacket.	Project
	2. Upon successful completion of FASH 205BF, the student will be able to apply fusible interfacing.	Project
FASH 206 F Textiles	1. Upon successful completion of FASH 206 F, the student will be able to identify basic, satin, twill, and basket weaves.	Exam
	2. Upon successful completion of FASH 206 F, the student will be able to describe two methods of printing.	Writing Assignment

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
FASH 209 F Draping	Outcome: Upon successful completion of FASH 209 the student will be able to describe and demonstrate skills at manipulating fabric on a dress form to create marketable apparel designs using the industry standard draping technique.	Assessment: The successful student will complete the draping projects, written exams, and research projects that meet industry standards with grade of "C" or better.
FASH 209AF Draping	1. Upon successful completion of FASH 209AF, the student will be able to create a bias cut skirt on the dress form.	Project
	2. Upon successful completion of FASH 209AF, the student will be able to describe the addition of flare into a skirt.	Writing Assignment
FASH 209BF Draping - Advanced	1. Upon successful completion of FASH 209BF, the student will be able to construct a pattern from a completed draped skirt	Project
	2. Upon successful completion of FASH 209BF, the student will be able to analyze a bias cut full length draped garment for correct grainlines.	Project
FASH 220 F Retail and Fashion Buying	1. Upon successful completion of FASH 220 F, the student will be able to compare and contrast department and specialty stores.	Exam
	2. Upon successful completion of FASH 220 F, the student will be able to prepare a merchandise assortment plan for moderate priced women's sportswear.	Project
FASH 242 F History of Costume	1. Upon successful completion of FASH 242 F, the student will be able to identify costume details of a women's 18th century court attire.	Exam
	2. Upon successful completion of FASH 242 F, the student will be able to compare and contrast the 1920's to the 1930's trickledown effect of couture clothing.	Writing Assignment
FASH 243 F Theatrical Costume Construct	1. Upon successful completion of FASH 243 F, the student will be able to construct a boned bodice.	Project
	2. Upon successful completion of FASH 243 F, the student will be able to design a tutu.	Project
FASH 244 F Ethnic Costume	1. Upon successful completion of FASH 244 F, the student will be able to compare and contrast religious attire of the LDS and Orthodox Jews in the United States	Project
	2. Upon successful completion of FASH 244 F, the student will be able to discuss the evolution of Moroccan women's attire.	Project

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
FASH 250 F Fashion Promotion	1. Upon successful completion of FASH 250 F, the student will be able to create a press package for a defined event.	Project
	2. Upon successful completion of FASH 250 F, the student will be able to compare and contrast advertisements formats for moderate priced men's wear.	Project
FASH 284 F Fashion Design	Outcome: Upon successful completion of this course students will be able to apply design principles, evaluate fashion trends and marketing strategies to create marketable fashion designs.	Assessment: Student will create market ready presentations and pass written exams with a minimum grade of C.
FASH 284AF	1. Upon successful completion of FASH 284AF, the student will be able to understand basic design principles.	Project
	2. Upon successful completion of FASH 284AF, the student will be able to compare and contrast budget and moderate Jr. markets.	Project
FASH 284BF Fashion Design - Advanced	1. Upon successful completion of FASH 284BF, the student will be able to prepare a five piece line for spring selling season in moderate women's wear.	Project
	2. Upon successful completion of FASH 284BF, the student will be able to prepare a cost analysis for a defined seasonal line.	Project
FASH 297 F Fashion Design Portfolio	1. Upon successful completion of FASH 297 F, the student will be able to create a presentation of a fall line for a defined market.	Project
	2. Upon successful completion of FASH 297 F, the student will be able to compare and contrast two methods of line development.	Project
FASH 299 F Fashion Industry Internship	1. Upon successful completion of FASH 299 F, the student will be able to secure an industry internship	Writing Assignment
	2. Upon successful completion of FASH 299 F, the student will be able to outline detailed job description.	Writing Assignment
FASH 975 F Patternmaking: Collections	1. Upon successful completion of FASH 975 F, the student will be able to design five (5) garments.	Project

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	2. Upon successful completion of FASH 975 F, the student will be able to make patterns for the five created designs.	Project
FASH 976 F Adv Patternmaking: Collections	1. Upon successful completion of FASH 010 F, the student will be able to define a market and create five marketeable patterns.	Project
	2. Upon successful completion of FASH 010 F, the student will be able to see the five above detailed garments.	Project
<b>Interior Design</b>		
IDES 085 F Kitchen & Bath Design		
IDES 100 F Fundament of Interior Design	1. Upon successful completion of IDES 100 F, the student will be able to identify and understand the 8 Principles and 8 Elements of Design as it relates to interior design.	Project
	2. Upon successful completion of IDES 100 F, the student will be able to identify and understand the sequential Interior Design Process from discovery to post evaluation of an interior design project.	Project
IDES 105 F Codes and Specifications	1. Upon successful completion of IDES 105 F, the student will be able to identify and understand the importance of undertone in the selection of interior design colors, materials and products.	Project
	2. Upon successful completion of IDES 105 F, the student will be able to apply and understand the Principle of Rhythm by Transition.	Project
IDES 110 F Beg Drafting / Interior Design	1. Upon successful completion of IDES 110 F, the student will be able to apply basic entry-level drafting skills to draw an accurate floor plan.	Project
	2. Upon successful completion of IDES 110 F, the student will be able to apply basic entry level-drafting skills to draw an accurate elevation.	Project
IDES 120 F Interior Design Careers	1. Upon successful completion of IDES 120 F, the student will be able to identify and describe a minimum of five different types of positions available in the interior design field.	Exam
	2. Upon successful completion of IDES 120 F, the student will be able to identify the educational and technical skills required for entry into the interior design profession	Exam



Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
IDES 130 F Applied Color & Design Theory	1. Upon successful completion of IDES 130 F, the student will be able to demonstrate knowledge of the basic color schemes.	Project
	2. Upon successful completion of IDES 130 F, the student will be able to demonstrate understanding and application of an Analogous Color Scheme to an interior space.	Project
IDES 147 F Office Planning		
IDES 150 F Interior Materials & Products	1. Upon successful completion of IDES 150 F, the student will be able to discern and select appropriate products and materials for ill projects.	Writing Assignment
	2. Upon successful completion of IDES 150 F, the student will be able to recognize Green or Eco-friendly materials and products and their usage implications.	Writing assignments, discussion, reports
IDES 170 F Space Planning	1. Upon successful completion of IDES 170 F, the student will be able to produce a criteria program as a basis for a space plan.	Lab exercises, projects, exams.
	2. Upon successful completion of IDES 170 F, the student will be able to apply the code and spatial requirements and draw a scaled space plan.	Lab exercises, projects, exams.
IDES 180 F History of Interior Architecture I	1. Upon successful completion of IDES 180 F, the student will be able to understand design progression that shaped Western design.	Exam
	2. Upon successful completion of IDES 180 F, the student will be able to understand Greek design influence and application today.	Exam
IDES 190 F History of Interior Architecture II	1. Upon successful completion of IDES 190 F, the student will be able to identify English period design characteristics.	Exam
	2. Upon successful completion of IDES 190 F, the student will be able to associate specific furniture designers and their respective designs.	Exam
IDES 200 F Interior Illustration	1. Upon successful completion of IDES 200 F, the student will be able to produce a two point perspective interior space with furniture in full color.	Demonstration

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	2. Upon successful completion of IDES 200 F, the student will be able to produce rendered objects depicting materials and textures with light logic.	Demonstration
IDES 210 F Fundamentals of Lighting	1. Upon successful completion of IDES 210 F, the student will be able to differentiate and apply the 4 Categories of Lighting to interior environments.	Project
	2. Upon successful completion of IDES 210 F, the student will be able to recognize and apply the current state of the arts energy efficient lighting to interior environments.	Project
IDES 215 F Interior Design Studio II	1. Upon successful completion of IDES 215 F, the student will be able to analyze and produce solutions for the space plan of an interior environment.	Project
	2. Upon successful completion of IDES 215 F, the student will be able to identify and apply accessibility and building code requirements to the interior environment.	Project
IDES 230 F Business & Professional Practice	1. Upon successful completion of IDES 230 F, the student will be able to identify basic legal issues necessary to operate an interior design practice.	Exam
	2. Upon successful completion of IDES 230 F, the student will be able to identify the basic ethical issues necessary to operate an interior design practice.	Exam
IDES 240 F Interior Design Internship	1. Upon successful completion of IDES 240 F, the student will be able to research, document, complete internship.	Exam
	2. Upon successful completion of IDES 240 F, the student will be able to log weekly activity in journal, complete internship.	Exam
IDES 248AF Restaurant / Hotel Design		
IDES 248BF Medical / Health Design		
IDES 249AF Study		

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
Internat'l Arch & Design		
IDES 249BF Study Internat'l Arch & Design		
IDES 249CF Codes and Specifications		
IDES 250 F Codes and Specifications		
IDES 265 F Interior Design Studio III	1. Upon successful completion of IDES 265 F, the student will be able to produce and demonstrate comprehensive solutions to advanced interior design projects.	Project
	2. Upon successful completion of IDES 265 F, the student will be able to write specifications and develop a workable budget for advanced interior design projects.	Project
<b>Journalism</b>		
JOUR 101 F Reporting and Writing	1. Upon the successful completion of JOUR 101 F the student will be able to compose and revise a simple news story with a compelling lead, adequate sourcing and context, clear transitions and a minimal number of technical writing errors.	The successful student will complete in-class and homework assignments and written exams a cumulative grade of "C" or better.
	2. Upon the successful completion of JOUR 101 F the student will be able to discuss and apply broad libel, privacy and ethical guidelines to common reporting situations.	The successful student will complete in-class and homework assignments and written exams a cumulative grade of "C" or better.
	III. Outcome: Upon the successful completion of JOUR 101 F the student will be able to recall and comply with the basic Associated Press style guidelines.	The successful student will complete in-class and homework assignments and written exams a cumulative grade of "C" or better.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
JOUR 102 F Advanced Reporting and Writing	1. Upon the successful completion of JOUR 102 the student will be able to write well-researched, in-depth enterprise articles	The successful student will complete an indepth enterprise article with a grade of "C" or better.
	2. Upon the successful completion of JOUR 102 the student will be able to report on city council meetings through comprehensive articles	The successful student will complete a comprehensive article of a city council meeting of his or her assigned city with a grade of "C" or better.
	3. Outcome: Upon the successful completion of JOUR 102 the student will be able to manage an assigned beat.	The successful student will write weekly articles based on an assigned area of responsibility that are suitable for publication and earn a cumulative grade of "C" or better.
JOUR 108 F Feature Writing	1. Upon the successful completion of JOUR 108 the student will be able to write critically, persuasively, and descriptively; identify and develop a theme and use narrative and dialogue when appropriate.	The successful student will earn a cumulative grade of "C" or better on evaluations of assigned story and in-class exams.
	2. Upon the successful completion of JOUR 108 the student will be able to organize and write stories in a timely manner and under deadline pressure.	The successful student will complete assigned stories and in-class exercises with a cumulative grade of "C" or better.
JOUR 110 F Mass Media Survey	1. Upon successful completion of JOUR 110 F the student will be able to use his or her understanding of the history, economics and structure of the media to analyze and appraise media products and current controversies in the mass communications industries	Exams
	2. Upon successful completion of JOUR 110 F the student will be able to explain or define major terms and trends in media studies	Exams
	3. Upon successful completion of JOUR 110 F the student will be able to perform a simple content analysis of a media product.	Research papers, exams
	4. Upon successful completion of JOUR 110 F the student will be able to recognize and discuss how the media affect our culture, attitudes and beliefs.	Essays, homework and in-class discussions
JOUR 126 F Advertising Copy & Layout "Historical"		

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
JOUR 135 F Magazine Production	1. Upon the successful completion of JOUR 135 the student will be able to produce or edit feature and opinion stories, photographs, page layouts and/or web pages for magazine publication in a timely manner and under deadline pressure.	In progress
	2. Outcome: Upon the successful completion of JOUR 135 the student will be able to display adherence to policies of the magazine and the ethical and legal standards of the profession in his or her own work.	In progress
JOUR 140 F Public Relations/Publicity	Upon the successful completion of JOUR 140 the student will be able to identify proper elements of a basic media kit	The successful student will create a basic media kit along with a comprehensive exam, both with a grade of "C" or better.
JOUR 196 F Communications Seminar	Learning outcomes will depend on the specifics of each special topic course. In general, students will be expected to demonstrate the application of critical thinking skills to the subject matter of the course	Instructor will evaluate knowledge and/or performance through various tools including but not limited to written examinations, written papers, presentations, productions, and performances
JOUR 199 F Journalism Independent Study	Outcome: After successful completion of JOUR 199 F the student will fulfill the objectives outlined on their Independent Study contract.	Instructor will evaluate knowledge and/or performance through various tools including but not limited to written examinations, written papers, presentations, productions, and performances.
JOUR 210 F Multimedia Reporting	1. Upon the successful completion of JOUR 210 the student will be able to create a multimedia news story by incorporating print, broadcast and web reporting skills.	Assessment: The successful student will complete written exams and create assigned journalistic, multimedia stories with a cumulative grade of "C" or better.
	2. Upon the successful completion of JOUR210 the student will be able to construct a news story for the electronic news media including: television, radio and web.	Assessment: The successful student will complete written exams and create assigned multimedia news stories with a cumulative grade of "C" or better.

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
JOUR 219 F Photojournalism	Upon the successful completion of JOUR 219 the student will be able to compose a publishable photo that adheres to journalistic style	The successful student will compile and submit a portfolio of published photos earning a grade of "C" or better.
JOUR 220 F Community Reporting	1. Upon successful completion of JOUR 220 F Community Reporting the student will be able to produce news and feature stories, opinion columns, sports stories, photographs, page layouts and Web pages for a community publication in a timely manner and under deadline pressure	In addition to receiving satisfactory grades on biweekly publication critiques, the successful student will compile and submit a portfolio of published material earning a grade of C or better.
	2. Upon successful completion of JOUR 220 F Community Reporting the student will be able to identify three specific areas of coverage that are specific to community news.	The successful student will receive a satisfactory grade on the midterm and final exams and a written paper that addresses specific needs of community news.
JOUR 225 F Newspaper Production	1. Upon successful completion of JOUR 225 the student will be able to produce news and feature stories, opinion columns, sports stories, photographs, page layouts and/or web pages for publication in a timely manner and under deadline pressure.	In addition to receiving satisfactory grades on weekly publications critiques, the successful student will compile and submit a portfolio of published material earning a grade of C or better.
	2. Upon successful completion of JOUR 225 the student will be able to judge his or her own work and the work of others critically, using the standards of the profession.	In addition to receiving satisfactory grades on weekly publications critiques, the successful student will compile and submit a portfolio of published material earning a grade of C or better.
JOUR 274 F Spanish-Language Media Reporting	1. Outcome: Upon successful completion of JOUR 274 F Spanish-Language Media Reporting the student will be able to produce news and feature stories, opinion columns, sports stories, and photographs for an online, Spanish language publication in a timely manner and under deadline pressure.	In addition to receiving satisfactory grades on publication critiques, the successful student will compile and submit a portfolio of published material earning a grade of C or better.
	2. Upon successful completion of JOUR 274 F Spanish-Language Media Reporting the student will be able to identify the historical and current role of Spanish-language media in the United States.	The successful student will complete and receive a satisfactory grade on a paper that outlines the original Spanish language newspapers and identifies current Spanish language news coverage.
JOUR 290 F Internship in Journalism/Public Relations	1. Upon successful completion of JOUR 290 F the student will be able to compose a career plan based on their internship experience.	Instructor will collect written career plan and evaluate for correct and complete information in the areas of education, entry level positions and professional recommendations.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	2. Upon successful completion of JOUR 290 F the student will be able to compose a radio, television or film industry appropriate resume and cover letter.	Instructor will collect resume and cover letter and review for correct format, grammar, and effectiveness
<b>Machine Technology</b>		
MACH 001 F Introduction to Modern Manufacturing		
MACH 010 F Machining Skills Lab	1. Upon successful completion of MACH 010 F the student will be able to organize tools and materials for machining operations.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 010 F the student will be able to prepare machine tools for operations.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 010 F the student will be able to demonstrate proficiency in machining operations.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 040 F CNC Wire EDM Prog & Operations	1. Upon successful completion of this course the student should be able to; Explain fundamental set-up procedures related to work-pieces, fixtures, axis positioning and control features of wire electrical discharge machines (EDM).	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of this course the student should be able to; Demonstrate the ability to set-up and make parts on a wire EDM machine that conform to engineering drawing specifications.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	3. Upon successful completion of this course the student should be able to; Prepare working numerical control programs for cutting parts using two axis wire EDM machines.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 043 F Advanced Topics in Machine Technology	1. Upon successful completion of MACH 043 F, the student will be able to analyze machine part drawings and determine appropriate manufacturing process as covered in the subject matter	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 043 F, the student will be able to Design and create work holding devices for automatic and CNC equipment as covered in the subject matter.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 043 F, the student will be able to prepare NC programs for machine tools, and automatic devices as covered in the subject matter.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 050 F CNC Programming w/ Mastercam	1. Upon successful completion of MACH 050 F, CNC Programming Using Mastercam, the student will be able to organize and construct geometry of machined parts.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 050 F, CNC Programming Using Mastercam the student will be able to select tools for machining operations and organize tool-paths to meet specifications for machined parts.	:Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.



Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	3. Upon successful completion of MACH 050 F, CNC Programming Using Mastercam the student will be able to prepare numerical control programs for both CNC milling and turning machines.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 052 F Adv CNC Program w/ Mastercam	1. Upon successful completion of MACH 052 F the student will be able to organize and construct geometry of 3d model parts for machining operations.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 052 F the student will be able to select tools for the removal of material and toolpaths for rough and finish machining operations.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 052 F the student will be able to prepare numerical control programs for CNC machine tools.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 060 F CNC Programming Using SURFCAM	1. Upon the successful completion of MACH 050 F the student will be able to organize and construct geometry of machined parts.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon the successful completion of MACH 050 F the student will be able to select tools for machining operations and organize tool-paths to meet specifications for machined parts.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	3. Upon the successful completion of MACH 050 F the student will be able to prepare numerical control programs for both CNC milling and turning machines.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 062 F Adv CNC Prog Using SURFCAM	1. Upon successful completion of MACH 062 F the student will be able to organize and construct geometry of three dimensional parts for machining operations.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 062 F the student will be able to select tools for the removal of material and tool-paths for rough and finish machining operations.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 062 F the student will be able to prepare numerically controlled programs for computer numerical machine tools.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 086 F CNC Machine Set-up & Operation	1. Upon successful completion of MACH 086 F the student will be able to identify different types of computer numerical machinery, their axis systems, control features, positioning systems, tooling and cutting tools.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 086 F the student will be able to demonstrate the ability to set fixture offsets, tool length offsets, geometry and wear offsets to manufacture parts to blueprint specifications.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	3. Upon successful completion of MACH 086 F the student will be able to organize cutting tools, set-up documentation and numerical control programs to successfully set-up computer numerical controlled machinery.	:Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 087 F	1. Upon successful completion of MACH 087 F the student will be able to solve mathematical calculations necessary to determine part feature locations of machined parts.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 087 F the student will be able to select appropriate canned cycles and sub-programs for turning and milling applications.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 087 F the student will be able to prepare computer numerical control programs for CNC turning and milling machines.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 088 F Adv CNC Set-up and Operations	1. Upon Successful completion of MACH 088 F the student will be able to analyze machine part drawings, determine appropriate manufacturing processes utilizing computer numerical controlled machinery.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon Successful completion of MACH 88 F the student will be able to design and create work-holding devices to manufacture parts on computer numerical controlled milling and turning machines.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	3. Upon Successful completion of MACH 88 F the student will be able to prepare numerical control programs from blueprint drawings that meet specifications.	:Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 090 F Adv CNC Set-up and Operations	1. Upon the successful completion of MACH 089 F the student will be able to analyze machine part drawings and determine appropriate manufacturing process for computer numerical control machines with four and five axis of control.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon the successful completion of MACH 089 F the student will be able to design and create work-holding device to manufacture parts with four and five axis machine tools.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon the successful completion of MACH 089 F the student will be able to prepare CNC programs from blueprints for machines with four and five axis of control.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 091 F Intro to Machine Tools	1. Outcome: Upon successful completion of MACH 091 F the student will be able to interpret basic engineering drawings related to machining processes.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 091 F the student will be able to solve mathematical calculations necessary for machining processes.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	3. Upon successful completion of MACH 091 F the student will be able to demonstrate basic procedures for the set-up and operation of engine lathes, milling machines, surface grinders and support equipment.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	4.: Upon successful completion of MACH 091 F the student will be able to select appropriate measuring tools to evaluate machined parts to blueprint specifications.	:Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 092 F Intern Machine Tools	1. Upon successful completion of MACH 092 F the student will be able to; Interpret engineering drawings related to machining processes.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 092 F the student will be able to; Determine appropriate order of machining operations for the successful completion of parts to blueprint specifications.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 092 F the student will be able to; Select measuring tools to evaluate machined parts.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	4. Upon successful completion of MACH 092 F the student will be able to; Demonstrate intermediate procedures for set-up and operation of engine lathes, milling machines, surface grinders and support equipment.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 093 F Adv Machine Tools	1. Upon successful completion of MACH 093 F the student will be able to; Interpret engineering drawings related to the machining process.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
	2. Upon successful completion of MACH 093 F the student will be able to; Determine operational sequences, selection of machine tools, work-holding devices and cutting tools.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 093 F the student will be able to; Demonstrate set-up and operation of machined parts that fit together in assemblies. Machinery used includes engine lathes, milling machines, grinders and CNC equipment.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
MACH 098AF Machining Skills Lab		
MACH 116 F Machine Tools	1. Upon successful completion of MACH 116 F the student will be able to interpret basic engineering drawings related to the machining process.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	2. Upon successful completion of MACH 116 F the student will be able to demonstrate basic procedures for the set-up and operation of engine lathes, milling machines, surfaces grinders and support equipment.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
	3. Upon successful completion of MACH 116 F the student will be able to select appropriate measuring tools to evaluate machined parts to blueprint specifications.	Using a course rubric faculty will access outcomes by determining student performance at a competency level suggested by the machine technology vocational advisory committee. Committee advises that students meet a minimum standard equivalent to 70% of total course points earned as a result of written examinations and practicums.
Metallurgy		

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
METL 192 F Fundamentals of Metallurgy	1. Upon successful completion of METL 192 F students will be able to identify the basic principles of the four main refining processes of iron-bearing ore.	Exam
	2. Upon successful completion of METL 192 F students will be able to identify the basic crystalline structures of carbon steels	Exam
<b>Photography</b>		
PHOT 098AF Basic Photography	Upon successful completion of PHOT 098A, the student will be able to define the Rule of Thirds	Exam
PHOT 100 F Basic Photography	Upon successful completion of PHOT 100, the student will be able to define the Rule of Thirds	Exam
PHOT 101 F Introduction to Photography	Upon successful completion of PHOT 101, the student will be able to define Depth of Field	Exam
	Outcome: Upon successful completion of Photo 101 the student will be able to define selected terminology concerning photographic processes and techniques.	Exam
PHOT 103 F Intermediate Photography	Upon successful completion of PHOT 103, the student will be able to operate a 4" x 5" view camera	Demonstration
PHOT 104 F Wedding Photography	Upon successful completion of PHOT 104, the student will be able to photograph a wedding portrait	Portfolio
	Outcome: Upon successful completion of PHOT 104 F, the student will be able to demonstrate competency in solving challenges in posing and directing people.	Demonstration
PHOT 109 F Portrait Photography	Upon successful completion of PHOT 109, the student will show competence in operating hot lights	Demonstration
PHOT 110 F Beg Slide/Sound Production	Upon successful completion of PHOT 110, the student will show competence in operating hot lights	Demonstration
PHOT 111 F Introduction to Photography from Analog to Digital	Upon successful completion of PHOT 111, the student will be able to determine shutter speed setting for stop action photography	Exam



Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	Outcome: Upon successful completion of PHOT 111 F, the student will be able to demonstrate the ability to organize, coordinate, and operate multiple photographic systems to both create and print photographs. Assessment:	Portfolio
PHOT 112 F Introduction to Professional Digital Photography	Upon successful completion of PHOT 112, the student will show competence in operating a digital camera	Demonstration
	Outcome: Upon successful completion of PHOT 112 F, the student will be able to demonstrate the ability to take professional quality photographs in a variety of lighting situations and conditions.	Demonstration
PHOT 114 F Professional Portrait Photography I	Upon successful completion of PHOT 114, the student will be able to photograph a theatrical headshot	Portfolio
	Outcome: Upon successful completion of PHOT 114 F, the student will be able to demonstrate the ability to solve, coordinate, and execute a variety of lighting designs.	Portfolio
PHOT 196 F Photography Seminar	Upon successful completion of PHOT 109, the student will show competence in operating hot lights	Demonstration
	Outcome: Upon successful completion of PHOT 196 F Communications Seminar, the student will be able to analyze and determine the quality of photography with reference to seminar topic.	Demonstration
PHOT 216 F Advanced Digital Photography	Upon successful completion of PHOT 216, the student will be able to print a digital photograph	Portfolio
	Outcome: Upon successful completion of PHOT 216 F, the student will be able to define selected terminology concerning advanced digital photographic processes and techniques.	Exam
PHOT 221 F Studio Specialties	Upon successful completion of PHOT 221, the student will be able to operate strobe lighting	Demonstration
	Outcome: Upon successful completion of PHOT 221 F, the student will be able to demonstrate competence in operating medium and large format cameras.	Demonstration



Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
<b>Printing Technology</b>		
PRNT 056 F Digital Printing		
PRNT 070 F Quick Print & In-Plant Graphics	1. Upon successful completion of PRNT 070 F students will be able to produce a single color notepad assignment printed with proper image location, registration, color density and consistency.	Project
	2. Upon successful completion of PRNT 070 F students will be able to evaluate printed samples for print quality, identify print defects and determine corrective actions	Writing Assignment
PRNT 072AF Photo-Silk Screen	1. Upon successful completion of PRNT 072AF students will be able to produce a single color t-shirt assignment printed with proper image location and ink consistency.	Project
	2. Upon successful completion of PRNT 072AF students will be able to demonstrate the process of producing an image on a screen	Project
PRNT 072BF Interm Photo-Silk Screen	1. Upon successful completion of PRNT 072BF students will be able to produce a single color T-shirt assignment printed with proper image location and ink consistency on a dark colored substrate.	Project
	2. Upon successful completion of PRNT 072BF students will be able to produce a two color T-shirt assignment printed with proper image location, color registration and ink consistency.	Project
PRNT 072CF Adv Photo-Silk Screen	1. Upon successful completion of PRNT 072CF students will be able to produce a multi color T-shirt assignment printed with proper image location, registration and ink consistency on a dark colored textile substrate.	Project
	2. Upon successful completion of PRNT 072CF students will be able to produce a multi color T-shirt assignment printed with proper image location, color registration and ink consistency on a paper substrate.	Project
PRNT 075 F Electronic & Conv Pre-Press	1. Upon successful completion of PRNT 075 F students will be able to design and output a multi color flyer using In-Design page layout software.	Project
	2. Upon successful completion of PRNT 075 F students will be able to Students will design and produce a process color poster advertising the printing department.	Project
PRNT 085 F Introduction to Flexography	1. Upon successful completion of PRNT 085 F students will be able to design and print single color labels using In-Design page layout software, Cosmolight plate material and a Mark Andy 830 flexographic printing press.	Project
	2. Upon successful completion of PRNT 085 F students will be able to design and produce a two-color label using Quark Xpress page layout software, digital plate material and the Mark Andy 830 flexographic printing press.	Project

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
PRNT 086 F Advanced Flexography	1. Upon successful completion of PRNT 086 F students will be able to design and print multi color labels using illustrator software, Backstage Pilot workflow software, digital plate material and a Mark Andy 2200 flexographic printing press.	Project
	2. Upon successful completion of PRNT 086 F students will be able to design and produce a die-line, using In-Design software.	Project
PRNT 090 F Printing Skills Lab	1. Upon successful completion of PRNT 090 F students will be able to design and print process color business cards using In-Design page layout software and a Xerox 252 digital printing press.	Project
	2. Upon successful completion of PRNT 090 F students will be able to produce a four-color process flyer in proper registration and color balance using a Heidelberg SM 52 offset printing press.	Project
PRNT 091 F Advanced Topics in Printing	1. : Varies with topic.	Varies with topic.
	2. Upon successful completion of Advanced Topics in Printing the student will be able to identify new and emerging technologies in the printing industry.	Students will identify emerging technologies through testing to show understanding of concepts.
PRNT 098AF Adv Flexography		
PRNT 098BF Survey of Graphic Communication		
PRNT 099 F Advanced Press Techniques		
PRNT 101 F Introduction to Printing	1. Upon successful completion of PRNT 101 F students will be able to design and print single color business card using QuarkXPress page layout software, digital plate material and a offset printing press.	Project
	2. Upon successful completion of PRNT 101 F students will be able to design and produce a single color T-shirt design using Photoshop software, direct emulsion stencil material and a screen printing press.	Project
PRNT 130 F Graphics		
PRNT 151 F Intro to Pre-Press		

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
PRNT 152 F Intro to Electronic Pre-Press	Upon successful completion of PRNT 152 F, Pre-Press Imaging, the student will be able to produce electronic files for output on film or plate using various layout programs.	Students will be evaluated by producing printable layouts.
PRNT 153 F Electronic Pre-Press II	1. : Upon successful completion of PRNT 153 F Electronic Pre-Press II, the student will be able to use digital trapping to printing standards.	By trapping various types of digital images into various applications.
	2. Upon successful completion of PRNT 153 F Electronic Pre-Press II, the student will be able to identify different digital impositions.	By making different type of imposition layouts.
	3. Upon successful completion of PRNT 153 F Electronic Pre-Press II, the student will be able to use different image file formats.	By placing different types of file formate into various applications
PRNT 161 F Sheetfed Offset Presswork	1. Upon successful completion of PRNT161 F students will be able to identify various printing defects on printed samples.	Writing Assignment
	2. Upon successful completion of PRNT 161 F students will be able to produce a paper sample book and identify the paper samples taken from the printing laboratory.	Project
PRNT 162 F Intermediate Sheetfed Offset Presswork	1. Upon successful completion of PRNT 162 F students will be able to print a multi-color brochure to GRACOL print standards using an offset printing press.	Project
	2. Upon successful completion of PRNT 162 F students will be able to set proper form roller pressure to the plate on the plate cylinder of an offset printing press.	Demonstration
PRNT 171 F Offset Presswork	1. Upon successful completion of PRNT 171 F students will be able to print a single color printed sample, determining proper corrective actions to produce a sample free of printing defects using the offset printing press.	Project
	2. Upon successful completion of PRNT 171 F students will be able to determine proper paper selection for a process printing sample.	Project
PRNT 172 F Intermediate Offset Presswork	1. Upon successful completion of PRNT 172 F students will be able to produce a two-color brochure with proper registration and color balance with a sheet-fed offset printing press.	Project
	2. Upon successful completion of PRNT 172 F students will be able to match colors on press using a PMS (pantone matching system) sample booklet.	Project
PRNT 190 F Basic Printing		

Course	Student Learning Outcomes in CurricUNET	Method(s) of Assessment
Estimating		
PRNT 953 F Adv Electronic Pre-Press		
PRNT 963 F Adv Sheetfed Offset Presswork		
PRNT 973 F Adv Sheetfed Offset Presswork	1. Upon successful completion of PRNT 973 F students will be able to produce a four-color poster with proper registration and color densities to industry standards with a multicolor sheet-fed offset printing press.	Project
	2. Upon successful completion of PRNT 973 F students will be able to view printed samples and identify printing defects.	Writing Assignment
<b>Technology</b>		
TECH 081 F Technical Mathematics I		
TECH 082 F Technical Mathematics II		
TECH 088 F Technical Science		
TECH 108 F Manufacturing Processes	1. Upon successful completion of TECH 108 F students will be able to identify fabricating techniques and processes used in the metals and plastics industries.	Exam
	2. Upon successful completion of TECH 108 F students will be able to demonstrate ability to apply correct manufacturing processes to a simple product design.	Portfolio
TECH 127 F Industrial Safety	1. Upon successful completion of TECH 127 F students will be able to identify the terminology and governmental requirements associated with industrial safety.	Exam
	2. Upon successful completion of TECH 127 F students will be able to identify the accident causation and appropriate counter measures.	Exam
TECH 199 F Tech & Eng Indep Study		

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
TECH 299 F Tech & Eng Indep Study		
<b>Welding</b>		
WELD 091AF Industrial Welding Fundamentals	1. Upon successful completion of WELD 091AF students will be able to demonstrate how to safely set up oxyacetylene welding, oxyacetylene cutting and torch brazing equipment	Exam
	2. Upon successful completion of WELD 091AF students will be able to demonstrate how oxyacetylene welds in the vertical position on 16-gage steel meeting AWS (American Welding Society) D1.3 Code	Demonstration
WELD 091BF Semi- Automatic Welding Appl	1. Upon successful completion of WELD 091BF students will be able to demonstrate how to safely set up GMAW (Gas Metal Arc Welding) and FCAW (Flux Cored Arc Welding)	Exam
	2. Upon successful completion of WELD 091BF students will be able to demonstrate welding skills by welding GMAW in the vertical axis on 14-gage steel meeting AWS D1.3 Code. Demonstrate welding skills by welding FCAW in the vertical axis to AWS D1.1 Code.	Exam
WELD 091CF Manual Arc Welding Fund	1. Upon successful completion of WELD 091CF students will be able to demonstrate how to safely set up GTAW (Gas Tungsten Arc Welding) and SMAW (Shielded Metal Arc Welding) equipment	Exam
	2. Upon successful completion of WELD 091CF students will be able to demonstrate welding skills by welding GTAW in the vertical axis on 16-gage steel meeting AWS D1.3 Code. Demonstrate welding skills by welding SMAW in the vertical position on 3/8" steel plate to AWS D1.1 Code.	Demonstration
WELD 091DF Structural Welding Cert	1. Upon successful completion of WELD 091DF students will be able to demonstrate welder qualification testing procedures to AWS D1.1 and D1.3 Code.	Exam
	2. Upon successful completion of WELD 091DF students will be able to complete an all-position welder qualification plate test to AWS D1.1 or D1.3 Code.	Exam
WELD 095 F Welding Skills Lab	1. Upon successful completion of WELD 095 F students will be able to demonstrate welding equipment - set-up, use and safety guidelines for operation.	Exam
	2. Upon successful completion of WELD 095 F students will be able to demonstrate how to weld on a selected process and selected compliance.	Demonstration

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
WELD 096 F Welding Inspection Technology	1. Upon successful completion of WELD 096 F students will be able to demonstrate code compliance requirements for the Welding Inspector	Exam
	2. Upon successful completion of WELD 096 F students will be able to develop welding procedure for code compliance	Exam
WELD 098 F Welding Fabrication Technology	1. Upon successful completion of WELD 098 F students will be able to develop manufacturing procedure for metal sub-assemblies	Exam
	2. Upon successful completion of WELD 098 F students will be able to select tools for manufacturing procedure for metal sub-assemblies	Exam
WELD 121AF Introduction to Welding	1. Upon successful completion of WELD 121AF students will be able to demonstrate basic safety guidelines for set-up and operation of oxyacetylene equipment.	Exam
	2. Upon successful completion of WELD 121AF students will be able to demonstrate welding on 16-gage steel in flat position.	Demonstration
WELD 121BF Fundamentals Inert Gas Welding	1. Upon successful completion of WELD 121BF students will be able to demonstrate basic safety guidelines for set-up and operation on inert gas welding equipment	Exam
	2. Upon successful completion of WELD 121BF students will be able to demonstrate welding on 16-gage steel with inert gas welding equipment	Demonstration
<b>Woodworking</b>		
WOOD 012 F Cabinetmaking / Millwork	1. Upon successful completion of WOOD 012 F, the student will be able to complete a face frame cabinet project of the student's design	Project
	Outcome: Upon successful completion of WOOD 012 F, Cabinetmaking / Millwork, the student will be able to demonstrate safe and correct use of machinery specific to cabinetmaking.	Exam
WOOD 013 F Introduction to 32mm Cabinetmaking	1. Upon successful completion of WOOD 013 F, the student will be able to complete a 32mm [Euro] cabinet project with the student's design	Project
	Outcome: Upon successful completion WOOD 013 F Introduction to 32mm Cabinetmaking, the student will be able to produce cabinets using hardware specific to 32 mm [European] style of cabinetmaking.	Exam

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
WOOD 014 F Cabinetmaking / Millwork-House Project	1. Upon successful completion of WOOD 014 F, the student will be able to complete the face frame cabinet class project of a client's design	Project
	Outcome: Upon successful completion of WOOD 014 F, Cabinetmaking / Millwork-House Project, the student will be able to demonstrate safe and correct use of machinery specific to cabinetmaking as well as on-site work procedures.	Writing Assignment
WOOD 015 F 32 mm Cabinetmaking/Millwork-House Project	1. Upon successful completion of WOOD 015 F, the student will be able to complete the 32mm [Euro] cabinet project of a client's design	Project
	Outcome: Upon successful completion WOOD 015 F 32mm Cabinetmaking/Millwork-House Project, the student will be able to identify different installation procedures for 32 mm cabinets in order to proceed into additional furniture/cabinetmaking classes.	Writing Assignment
WOOD 016 F Machine Woodworking/Furniture	1. Upon successful completion of WOOD 016 F, the student will be able to complete a furniture project of the student's design	Project
	2. Upon successful completion of WOOD 016 F, the student will be able to demonstrate two finishing techniques that would make the project acceptable for a client's approval.	Demonstration
WOOD 017 F Table Construction	1. Upon successful completion of WOOD 017 F, the student will be able to complete a table project of the student's design	Project
	2. Upon successful completion WOOD 017 F Table Construction, the student will be able to identify table designs and construction methods in order to proceed into additional furniture/cabinetmaking classes.	Exam
WOOD 018 F Adv Machine Woodwrkg / Furniture	1. Upon successful completion of WOOD 018 F, the student will be able to complete an advanced furniture project of the student's design	Project
	2. Upon successful completion of WOOD 018 F, the student will be able to demonstrate three furniture construction methods.	Demonstration
WOOD 019 F Chair Construction	1. Upon successful completion of WOOD 019 F, the student will be able to complete one or more chair projects of the student's design	Project
	Outcome: Upon successful completion WOOD 019 F Chair Construction, the student will be able to demonstrate safe and correct use of hand tools and machinery specific to chair construction.	Writing Assignment

Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
WOOD 021 F Tool & Jig Production	1. Upon successful completion of WOOD 021 F, the student will be able to complete at least two or more jig and tool project of the student's design	Project
	2. Upon successful completion of WOOD 021 F, the student will be able to demonstrate the safe use of wood joining machinery.	Demonstration
WOOD 025 F Cabinet Vision / Planit Solutions	1. Upon successful completion of WOOD 025 F, the student will be able to complete a kitchen cabinet and room layout design using the Cabinet Vision Program	Project
	2. Upon successful completion of WOOD 025 F, the student will be able to make a cabinet design presentation similar to one that would be presented to a woodworking industry client.	Demonstration
WOOD 026 F Computer Appl / Cabinetmaking	1. Upon successful completion of WOOD 026 F, the student will be able to configure the Cabinet Vision software to build cabinetry using object intelligence techniques	Demonstration
	2. Upon successful completion of WOOD 026 F, the student will be able to demonstrate utilizing User Created Standards to customize and automate designing of kitchen cabinets	Demonstration
WOOD 031 F Woodworking Skills Lab	1. Upon successful completion of WOOD 031 F, the student will be able to complete a project of the student's design within the required hours of laboratory participation	Project
	2. Upon successful completion of WOOD 031 F, the student will be able to demonstrate the safe use of the wood jointer machine.	Demonstration
WOOD 032 F Advanced Skills Lab	1. Upon successful completion of WOOD 032 F, the student will be able to complete an advanced project of the student's design within the required hours of laboratory participation	Project
	2. Upon successful completion of WOOD 032 F, the student will be able to demonstrate the safe use of the edge banding machine.	Demonstration
WOOD 041 F Introduction to Woodcarving	1. Upon successful completion of WOOD 041 F, the student will be able to demonstrate the safe and correct use of four introductory carving tools.	Demonstration
	2. Upon successful completion of WOOD 041 F, the student will be able to demonstrate the safe and correct procedures for sharpening four introductory carving tools.	Demonstration
WOOD 042 F Intermediate Woodcarving	1. Upon successful completion of WOOD 042 F, the student will be able to complete an intermediate carving project of the student's design	Demonstration



Course	Student Learning Outcomes in Curricunet	Method(s) of Assessment
	2. Upon successful completion of WOOD 042 F, the student will be able to demonstrate three intermediate level carving methods.	Demonstration
WOOD 043 F Advanced Woodcarving	1. Upon successful completion of WOOD 043 F, the student will be able to demonstrate the safe and correct use of four wood carving tools	
	2. Upon successful completion of WOOD 043 F, the student will be able to demonstrate the safe and correct use of three advanced wood carving techniques.	Demonstration
WOOD 044 F In-the-Round Woodcarving	1. Upon successful completion of WOOD 044 F, the student will be able to complete a 3-dimension furniture carving project of the student's design	Demonstration
	2. Upon successful completion of WOOD 044 F, the student will be able to demonstrate the step-by-step procedure for a 3-Dimension carving project.	Demonstration
WOOD 110 F Fundamentals of Woodwork	1. Upon successful completion of WOOD 110 F, the student will be able to complete a small cabinet project of the student's design	Demonstration
	2. Upon successful completion of WOOD 110 F, the student will be able to demonstrate the safe use of a table saw.	Demonstration