

**Central Ohio Technical College  
Course Description Listing  
1999-2000 Academic Year**

**PUBLIC SERVICE TECHNOLOGIES: 5000**

**5204 Physical Conditioning I**

1.5 credit hours, 3 contact hours (.5 hours lecture and 2.5 hours lab). Prerequisite: CJT students only (or permission of the instructor). S/U Graded Course.

The emphasis of this course is placed upon the significance of maintaining specific physical condition of the criminal justice officer. Areas of discussion will include ways to improve the student's flexibility, dynamic strength, dietary practices, and physical endurance. Students enrolled in this course will be expected to develop and implement a conditioning process for themselves during the two-year program to satisfy graduation requirements. Students will have to meet specific physical conditioning requirements as described in this course. This course is graded Satisfactory/Unsatisfactory.

**5209 Principles of Criminal Justice**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: None.

During this introductory course students will examine the criminal justice system, including the role of the police, the courts, and the correctional system. An analysis of the agencies involved and the process of administration of criminal justice is also discussed.

**5210 Criminal Law and Procedure**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: C grade (2.00) or better in 5235.

Students will learn the Ohio Revised Code. Students will study the criminal code and pre-trial, trial, and post-trial procedures used in the law. Students will be able to recognize violations of the law, the appropriate statutes pertaining to these violations, and apply the procedures used in trials through a Mock Trial.

**5215 Basic Police Academy -- Basic Investigation**

4 credit hours, 6 contact hours (3 hours lecture and 3 hours lab). Prerequisite: 1200 (or score of at least 41 on ASSET Numerical Skills test, or score of at least 44 on COMPASS Pre-Algebra/Numerical Skills test) and C grade (2.00) or better in 5210 and all previous CJT courses, acceptance into the OPOTC/COTC Basic Police Academy Program, or permission of the instructor.

Please Note: If a Criminal Justice student has not taken Geometry within the last five (5) years receiving a C grade (2.00) or better, 1203 must be taken prior to enrollment in 5215. Students who have not met the geometry requirement will be removed from 5215 class rosters.

The emphasis of this course will deal with basic investigative techniques and procedures. The student will learn the fundamentals of obtaining evidence from witnesses and crime scene searches. The student will establish corpus delicti and how to prepare the necessary reports associated with the crime scene.

### **5223 Public Service Practicum**

2 credit hours, 14 contact hours (14 hour per week in a practicum setting). Prerequisite: Second year standing in the Criminal Justice Technology with C grade (2.00) or better in all Criminal Justice Technology courses. In addition, Criminal Justice Technology, Human Services Option students must have a C grade (2.00) or better in 5280, 5281, 5284 (or concurrent enrollment in 5284) and 5286 to participate in this course. S/U Graded Course.

Pre-service students gain valuable experience and insight into the practical operations of a public service related agency through work assignments. A seminar (discussion time) will be arranged throughout the quarter to discuss the activity in which the students are participating. This course is recommended to all pre-service students and is offered on a satisfactory/unsatisfactory basis.

### **5230 Probation and Parole**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5210 or permission of the instructor.

This class will concentrate on the concept of probation and parole in the Criminal Justice system and its relevancy to the offender. Discussion on the changes in the legal and philosophical aspects since their inception and upon the loss and restoration of rights of the convicted will be emphasized.

### **5233 Adult/Juvenile Corrections**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5230 or permission of the instructor.

This course will cover the various views of corrections prevailing in different parts of the country and among the different specialties within the field. Students will discuss the divergent interpretations of correctional objectives and the means by which those objectives should be achieved and implemented.

### **5234 Community-Based Corrections**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5233 and 5266.

This course will provide the student with an understanding of alternatives to incarceration in penal institutions. The student will understand the advantages of keeping offenders in the community.

### **5235 Constitutional Law and Evidence**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in (5208 or 5209) and 5262.

This course will provide the student with an understanding of the U.S. Constitution. The focus will be on the Bill of Rights and the Constitutional Law cases that are affected by the Bill of Rights. The Laws of Evidence will also be presented and discussed. The relationship the Bill of Rights has with the Laws of Evidence will enable the student to prepare cases for prosecution while protecting the rights of the accused. This course will assist the student in understanding the different kinds of evidence that may be collected from various sources.

### **5237 Basic Jail Training I**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: C grade (2.00) or better in 5210 or permission of the instructor.

Students will receive the standardized form of jail training for full-service facilities. This first course includes study of the legal issues, role of the corrections officer, facility security and booking, handling and cell searches.

### **5238 Basic Jail Training II**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5237.

This is the second part of the Basic Jail Training course. This is part of the standardized form of correctional officer basic training for the State of Ohio. In this phase students will study interpersonal communications, jail security and emergency procedures.

### **5239 Human Relations in Criminal Justice**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in (5208 or 5209) or permission of the instructor.

Good human relations are an integral part of any Law Enforcement or Correctional agency. The purpose of this course is to provide the student with an understanding of what human relations are, how to improve human relations through self-development, and how to apply those skills in dealing with domestic disputes and crisis through role-playing scenarios.

### **5240 Basic Police Academy: Criminalistics**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: Acceptance into the OPOTC/COTC Basic Police Academy Program.

The student will be involved in the study and application of scientific crime detection techniques with emphasis on ballistics, fingerprints, blood tracing, and other on-the-scene forensics techniques. This course includes photography as applied to investigation with emphasis on techniques and darkroom processing.

### **5242 Community Policing**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: Law Enforcement experience or permission of the instructor.

Community policing is a new philosophy of policing based on the concept that police officers and private citizens can work together in creating ways to solve contemporary community problems related to crime, fear of crime, social and physical disorder, and neighborhood decay. Students will review new programs and discuss methods of problem solving and implementation. Discussion will also focus on traditional policing.

### **5243 Proactive Police Leadership**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5242, law enforcement personnel, or permission of the instructor.

This course has been designed to provide the knowledge to lead police agencies into the future. It concentrates on proactive leadership, not necessarily a single rank, from supervisor, mid-level or chief executive officer, but a combination of these titles or ranks. This course first examines the historical management theories, budget and planning, then moves to operational considerations. The need to develop a new breed of realistic leaders (police manager) who can evaluate, critically, and implement selected innovations. Proper applications of those appropriate programs should lead to a more proactive agency.

### **5244 BPA: Investigations**

4 credit hours, 12 contact hours (2 hours lecture, 3 hours lab, and 7 hours directed practice). Prerequisite: Enrollment in the College Police Academy (all other CJ students must take 5215) in the second year or permission of the instructor.

The emphasis of this course will deal with basic investigative techniques and procedures. The student will study the fundamentals of obtaining evidence from crime scene searches and from witnesses. During mock crime scenes the student will establish corpus delicti and the preparation of necessary reports, crime scene sketches and photography. 5215 does not substitute for this course.

### **5245 Security Administration**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: Second year Criminal Justice Technology student with a C grade (2.00) or better in all previous CJT courses.

Students will study the role of a security officer and examine the Ohio Revised Code criminal law. The students will learn the laws of arrest and search and seizure. This course provides the proper introduction into the Security Academy.

### **5246 Loss Prevention and Safety**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: Second year Criminal Justice Technology student with a C grade (2.00) or better in all previous CUT courses.

The student will study different means of providing security for both internal and external sources. The student will also learn practical measures for providing safety to organizations.

### **5247 Human Relations in Security**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: Second year Criminal Justice Technology student with a C grade (2.00) or better in all previous CUT courses.

Students will study general skills required for effective human relations. Students will learn specific skills and techniques for dealing with special situations encountered by the security officer.

### **5248 Security Operations**

3 credit hours, 4 contact hours (2 hours lecture and 2 hours lab). Prerequisite: Second year Criminal Justice Technology student with a C grade (2.00) or better in all previous CUT courses.

Students will learn the art of conducting a basic criminal and traffic accident investigation. The student will learn how to gather information for conducting an investigation and writing the necessary reports associated with the investigation.

### **5249 Security Skills**

3 credit hours, 7 contact hours (0 hours lecture and 0 hours lab, 7 hours directed practice). Prerequisite: Second year Criminal Justice Technology student with a C grade (2.00) or better in all previous CUT courses (Security Academy only).

Students will learn the legalities in the use of force. Firearms training, including all safety precautions, will prepare the student in the use of firearms. The student will also learn the techniques of unarmed self-defense.

### **5253 Unarmed Self-Defense I**

1.5 credit hours, 3 contact hours (0.5 hour lecture and 2.5 hours lab). Prerequisite: CUT students only with C grade (2.00) or better in Criminal Justice Technology courses or permission of the instructor. S/U Graded Course.

The student will learn the basic principles and tactics of unarmed self-defense. They will also learn how to defend against physical attack, control aggressive behavior, and the effect on an arrest using the minimum amount of force. Use of the straight baton will also be discussed. This course is graded Satisfactory/Unsatisfactory.

### **5254 Unarmed Self-Defense II**

1.5 credit hours, 3 contact hours (.5 hour lecture and 2.5 hours lab). Prerequisite: C grade (2.00) or better in 5253 and all previous CUT courses or permission of the instructor. S/U Graded Course.

The student will receive additional practice in the art of unarmed self-defense. During this course the student will be tested for OPOTC certification. This course is graded Satisfactory/Unsatisfactory.

### **5255 Physical Conditioning II**

1.5 credit hours, 3 contact hours (.5 hour lecture and 2.5 hours lab). Prerequisite: C grade (2.00) or better in 5204 or permission of the instructor. S/U Graded Course.

This course is a continuation of 5204 Physical Conditioning I. Students will be involved in their assigned conditioning program. This course is graded Satisfactory/Unsatisfactory.

### **5258 Public Service Seminar**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: Final quarter CUT students only with C grade (2.00) or better in all Criminal Justice Technology courses or by permission of the instructor.

This last quarter course will center on the current events that have a significant impact on the Criminal Justice System. The students will take part in discussing the most current events that have changed the way the system works.

### **5259 Law Enforcement Seminar**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: Final quarter CUT-LE students only; students must have successfully completed 5267, 5272 and 5273 with a C grade (2.00) or better.

This course is to be taken in the final quarter of the program. The student will discuss and perform previously learned techniques as recommended for a peace officer in the State of Ohio. At the completion of this course the state examination will be given.

### **5262 Government and Courts**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

The first quarter Criminal Justice course will examine the federal, state, and local governments and their respective courts. Students will become familiar with the purpose and functions of our governments and the courts. This course will prepare the student for future courses in law enforcement and corrections.

### **5263 Criminology**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in (5208 or 5209) or permission of the instructor.

This course involves the study of crime and criminal behavior. The student will study the nature and causes of crime and the theories dealing with criminal behavior and delinquency.

### **5264 Crime Prevention**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: Permission of the instructor.

The student will be introduced to the preventive as opposed to the reactive methods of criminal interception through exposure to a variety of programs applicable to crime

prevention. Statistical analysis of crime patterns are interpreted and methods for involving citizens and others to become involved are developed in this program.

### **5266 Juvenile Process**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: None.

The Juvenile System is somewhat similar to the Adult system, yet the study of the system is unique to those who work in the Criminal Justice System. For every similarity between the two systems, there are as many differences. This course will enhance the student's understanding of these differences. Juvenile criminal behavior will be discussed as it relates to the theories of criminal behavior. This course will focus on these theories of criminal behavior, the classifications of juvenile offenders, laws which pertain to juvenile offenders, the court process, and the types of juvenile correctional institutions and diversion programs.

### **5267 Medical First-Responders**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: CJT students only with C grade (2.00) or better in Criminal Justice Technology courses or permission of the instructor.

Students will study the emergency techniques utilized by first responders to an accident or other medical emergencies. The program is recognized by public safety agencies in the State of Ohio.

### **5268 Victimology**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

The student will look at the growing concern for the plight of crime victims and the exploitation of the victimization experience. This course will also cover the losses that burden victims of business and various kinds of street crime.

### **5269 Sociology of White Collar Crime**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: None.

This course will define and identify white collar crime as it operates in our society. A professional code of conduct and ethics of the individual will be emphasized. Discussions will center on various types of white collar crime to include organizational, occupational, professional and organized crime.

### **5271 Basic Police Academy: Patrol**

5 credit hours, 11 contact hours (3 hours lecture and 1 hour lab, 7 hours directed practice). Prerequisite: Acceptance into the OPOTC/COTC Basic Police Academy Program.

This course is designed to familiarize the student with the police patrol function. The subjects that are covered will provide the basic knowledge to enable the student to safely conduct the required tasks. Material covered includes patrol, traffic, civil disorders, and prisoner booking. This is partial fulfillment of the Ohio Peace Officers Training Council=s

Certificate program.

### **5272 Basic Police Academy: Skills I**

3 credit hours, 9 contact hours (1 hour lecture and 0 hours lab, 8 hours directed practice). Prerequisite: Acceptance into the OPOTC/COTC Basic Police Academy Program.

The student will learn and practice the basic skills for survival. Subject areas include self-defense, first aid, and physical conditioning. This course is partial fulfillment of the Ohio Peace Officers Training Council=s Certificate Program.

### **5273 Basic Police Academy: Skills II**

3 credit hours, 9 contact hours (1 hour lecture and 0 hours lab, 8 hours directed practice). Prerequisite: Acceptance into the OPOTC/COTC Basic Police Academy Program.

The student will learn the fundamentals of weapon craft with the handgun and shotgun and qualify with each weapon. Also, the course includes defensive driving, pursuit and maneuverability. This course is partial fulfillment of the Ohio Peace Officers Training Council=s Certificate Program.

### **5274 Basic Police Academy: Administration**

6 credit hours, 11 contact hours (4 hours lecture and 2 hours lab, 5 hours directed practice). Prerequisite: Acceptance into the OPOTC/COTC Basic Police Academy Program.

The student will study the basics regarding the police role, the structure of the justice system, and dealing with citizens they serve, both ethically and professionally. The student will develop a keen working knowledge of the law and the U.S. Constitution as it applies to the law enforcement officer. This course is partial fulfillment of the Ohio Peace Officers Training Council=s Certificate Program.

### **5280 Principles of Social Work**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: None. Students enrolled in Criminal Justice Technology, Human Services Option or enrolled in any option of the Human Services program must maintain a C grade (2.00) or better in all technology courses.

In this course students are acquainted with the field of human services, social work, and related professions, including history and development, legal and ethical issues, and various settings in which services are provided. The roles and functions of the skilled helper in the field of human services will also be examined.

### **5281 Interpersonal Skills**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: None.

This course presents basic interpersonal and interviewing skills, with special emphasis on techniques relevant to diverse populations and a multicultural society. Topics include rapport building, active listening, and verbal and non-verbal communication skills utilized in

helping relationships. Techniques will be practiced through videotaped role-playing.

### **5282 Counseling Theories**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 1386 (or 1396) or by permission of the Division Chair or instructor.

This course presents the major concepts and techniques associated with various counseling theories. Emphasis is on the practical application of techniques, including the advantages and disadvantages of each and the impact on the client-helper relationship.

### **5284 Group Dynamics in Human Services**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: C grade (2.00) or better in 5281 or by permission of Division Chair or instructor. Students enrolled in Criminal Justice Technology, Human Services Option must maintain a C grade (2.00) or better in all technology courses.

This course presents the basic principles of therapeutic group dynamics utilized in the field of human services. Topics include group formation, process, stages of development, leadership skills, and conflict resolution. Students are provided with an experiential awareness of group dynamics and practice of interpersonal skills through participation as a group member in the laboratory setting. Students also practice group leadership skills in this group laboratory setting.

### **5285 Human Services Seminar**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: Criminal Justice students only with a C grade (2.00) or better in Criminal Justice Technology courses or by permission of the Division Chair or instructor. Students enrolled in Criminal Justice Technology, Human Services Option must maintain a C grade (2.00) or better in all technology courses.

This last quarter course will center on the current events and public policy issues that have a significant impact on the human services system. Students will be provided the opportunity to discuss personal experiences in the human services field and will be required to develop a personal assessment portfolio.

### **5286 Case Management - Human Services**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: None.

This course provides the student with basic knowledge and beginning skills in case management. Topics introduced include observation, data collection, documentation, and reporting of client behaviors, as well as identification and referral to appropriate services.

### **5288 Counseling Skills**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: C grade (2.00) or better in 5281.

This course builds on the basic interpersonal and interviewing skills learned in the previous

course, with special emphasis on learning advanced skills that are appropriate in a helper/helpee relationship. Topics include techniques related to confrontation, focusing, influencing strategies, skill integration, and determining personal style. Techniques will be practiced through videotaped role-playing.

### **5289 Human Services Practicum I**

4 credit hours, 18 contact hours (2 hours lecture and 0 hours lab, 0 hours lab, 16 hours practicum). Prerequisite: Must be enrolled in Human Services program, have a minimum of 50 quarter hours with a C grade (2.00) or better in EVERY course completed from the Plan of Study, and have permission of the Program Director. The student must meet with the Program Director NO LATER THAN the FOURTH week of the quarter PRIOR to when he/she wishes to begin a Practicum. Courses completed must include the following: 1386 (or 1396), 1502, 1503, 4052, 5280, 5281, 5284, 5286, 5288, 5300, and (5302 or 5310 or 5320). Certain conditions, including but not limited to the following, could result in dismissal from the Human Services program and/or failure to qualify for Practicum placement: felony conviction (within last 2 years) and/or pending charges; current relapse from drug and/or alcohol recovery (within last 12 months); conviction and/or pending charges related to child endangerment; falsification of any documents.

This course is designed to provide 160 clock hours of practical experience in the field of human services. Students will be placed in a human service agency where they will learn agency policies and procedures, observe professionals at work, and practice their own human service skills. Supervision will be provided by a qualified professional and an appropriate college representative. Classroom instruction will focus on discussion of experiences encountered in the practicum setting.

### **5290 Behavior Management**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 1386 (or 1396), or by permission of the Division Chair or instructor.

The emphasis of this course is on the fundamental principles of behavior management and the effective use of behavior modification techniques with diverse populations. Relevant terminology, data collection, behavioral analysis, and practical application of techniques will be among the topics covered.

### **5291 Therapeutic Activity Programming**

3 credit hours, 4 contact hours (2 hours lecture and 2 hours lab). Prerequisite: None.

This course presents the basic philosophy and use of activities as a therapeutic tool for diverse populations. Activity assessment, planning, development, and delivery will be covered in areas such as art, crafts, drama, music, and recreation. Students will gain experience with development of therapeutic activity programs in the laboratory setting.

### **5292 Juvenile Delinquency**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 1380 (or 1387), or by permission of the Division Chair or instructor.

This course examines the juvenile delinquency situation in the United States and its impact on society. Specific attention is given to theoretical perspectives on the factors influencing

delinquency, patterns of delinquency, and intervention strategies for prevention of delinquent behavior. Institutional and/or legal responses to dealing with juvenile delinquents will also be covered.

### **5293 Community Mental Health Issues**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 1397, or by permission of the Division Chair or instructor.

This course surveys the nature of mental illness and mental health as well as the organization of mental health services. Topics covered include current identification and classification systems for mental health disorders, dual diagnosis, community based and residential treatment, the societal impact of deinstitutionalization, and strategies for meeting the individual and community needs of diverse populations.

### **5297 Crisis Intervention**

3 credit hours, 4 contact hours (2 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in 5281 or permission of the Division Chair or instructor.

This course emphasizes assessment of diverse crisis situations with emphasis on the use of short-term intervention and problem-solving techniques to help individuals and families de-escalate crisis situations and develop appropriate coping techniques. Students must demonstrate skills in laboratory experiences. This course is not open to students with credit for 5287.

### **5298 Human Services Practicum II**

4 credit hours, 19 contact hours (2 hours lecture and 0 hours lab, 17 hours practicum). Prerequisite: Must be enrolled in Human Services Program, have permission from the Program Director, and have a C grade (2.00) or better 5289.

This course is designed as a continuation of practical experience and provides an additional 170 clock hours in a human services agency. Students will increase their level of responsibility in implementing their human services skills. Supervision will be provided by a qualified professional and an appropriate college representative. Classroom instruction will focus on discussion of experiences encountered in the practicum setting.

### **5300 Principles of Chemical Dependency**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab)  
Prerequisite: None.

This course explores chemical dependency issues from a historical, cultural, and legal perspective. Current theories of addiction are presented, as well as physiological effects and categorization of numerous addictive substances. An overview of treatment and prevention will also be included.

### **5301 Pharmacology of Chemical Dependency**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 1386 (or 1396) and 5300 (or 5270) or by permission of the Division Chair

or instructor.

This course extensively examines the composition, uses, and effects of various addictive substances. A comprehensive overview of the central nervous system and drug/neurotransmitter interactions will also be covered.

### **5302 Prevention and Treatment of Chemical Dependency**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in 5300 (or 5270) or by permission of the instructor or Division Chair.

This course covers the theory and practices related to chemical dependency treatment. Strategies and community resources useful in preventing chemical dependency and/or relapse are also presented.

### **5303 Family Dynamics and Addiction**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5300 (or 5270, or by permission of the Division Chair or instructor.

This course will survey various addictions and examine the interrelationship between family dynamics and the addiction process. Examples of topics include co-dependency, children of alcoholic parents, compulsive gambling, prescription and non-prescription substance abuse, and eating disorders.

### **5304 CD Issues with Special Populations**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5300 (or 5270) or by permission of the Division Chair or instructor.

This course will explore the psychosocial aspects of chemical dependency across the lifespan, as well as within particular populations. Examples of populations covered include the elderly; ethnic minority groups; gays and lesbians; adolescents, including juvenile delinquents; persons who are homeless; and persons who are physically and/or mentally challenged.

### **5308 Practicum in CD Counseling**

4 credit hours, 19 contact hours (2 hours lecture and 0 hours lab, 17 hours practicum). Prerequisite: Must be enrolled in the final quarter of the Human Services Program, Chemical Dependency Counseling Option, have permission of the Program Director, and have a C grade (2.00) or better in 5298.

This course is designed as the culmination of practical experience and provides an additional 170 clock hours in a human services agency. Students will be placed in an agency that provides chemical dependency counseling services to clients. Students will implement the specific skills appropriate to this area of specialty with supervision provided by a qualified professional and an appropriate college representative. Classroom instruction will focus on discussion of experiences encountered in the practicum setting.

### **5310 Foundations of MR/DD**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

This course presents an overview of past, current and future trends in the MR/DD field. Topics covered include terminology, legal issues, etiology, and provision of services.

### **5311 Habilitation Programming**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5310, or by permission of the Division Chair or instructor.

The process by which habilitation services are provided is the focus of this course. Topics include evaluation, program plan development, and implementation. Theoretical aspects as well as practical application of techniques will be covered.

### **5312 Principles of Work for MR/DD**

3 credit hours, 3 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5310, or by permission of the Division Chair or instructor.

This course explores the basic principles of providing work experiences and opportunities to persons with disabilities. Topics covered include comprehensive job analysis, application of job techniques, legal issues, and discussion of both community and sheltered work settings.

### **5318 Practicum with MR/DD**

4 credit hours, 19 contact hours (2 hours lecture and 0 hours lab, 17 hours practicum). Prerequisite: Must be enrolled in the final quarter of the Human Services Program, Mental Retardation/Developmental Disabilities Option, have permission of the Program Director, and have a C grade (2.00) or better in 5298.

This course is designed as the culmination of practical experience and provides an additional 170 clock hours in a human services agency. Students will be placed in an agency that provides services to persons who are mentally retarded and/or developmentally disabled. Students will implement the specific skills appropriate to this area of specialty with supervision provided by a qualified professional and an appropriate college representative. Classroom instruction will focus on discussion of experiences encountered in the practicum setting.

### **5320 Social Work Practice**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5280, or by permission of the Division Chair or instructor.

An introduction to the generalist model of social work and its application is provided in this course. Practice method and skills are emphasized, including data gathering, assessment and planning, intervention strategies, evaluation and termination.

### **5321 Social Welfare and Policy**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade

(2.00) or better in 5280, or by permission of the Division Chair or instructor.

This course examines the programs and policies of the social welfare system in the United States. Historical development as well as current policies and trends will be analyzed.

### **5322 Social Gerontology**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

In this course the knowledge and principles of generalist social work practice are applied to working with people in late adulthood. The physical, cognitive, and psychosocial aspects of aging will be discussed. Special emphasis will be placed on strategies for meeting the needs of an aging population through community and institutional services.

### **5324 Social Problems**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5280, or by permission of the Division Chair or instructor.

In this course a variety of selected social problems in contemporary society are studied. Special emphasis is given to the analysis of the problems and evaluation of potential solutions. Social problems to be covered will include both micro-level and macro-level social issues.

### **5328 Practicum in Social Services**

4 credit hours, 19 contact hours (2 hours lecture and 0 hours lab, 17 hours practicum). Prerequisite: Must be enrolled in the final quarter of the Human Services Program, Social Services Option, have permission of the Program Director, and have a C grade (2.00) or better in 5298.

This course is designed as the culmination of practical experience and provides an additional 170 clock hours in a human services agency. Students will be placed in an agency that provides social services and will implement the specific skills appropriate to this area of specialty with supervision provided by a licensed professional and an appropriate college representative. Classroom instruction will focus on discussion of experiences encountered in the practicum setting.

### **5380 Strategies for Change in Human Services**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: Must be currently employed by a TOPS approved Agency--CDHS or CSEA.

In this course participants begin to develop concepts for program change, explore factors that underlie stress, and examine positive team-building strategies through a variety of learning exercises including group discussion, role-play, brainstorming, and various investigatory activities.

### **5510 Principles of Forensics**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C (2.00) grade or better in 1225 and 5209, acceptance into the Forensic Science Technology

program and concurrent enrollment in 5515.

The purpose of this course is to provide the student with an overview of the various disciplines of forensic science and how they relate to the identification, detection, and solution of crime. The student will learn the significance of crime scene searches including the identification and preservation of potential evidence. The student will be introduced to the role of the criminalistic laboratory in developing and running comparisons of physical evidence from fingerprints to ballistics and toolmarks. Further areas to be introduced will be chemical evidence for drug identification, toxicology testing to reveal the presence of drugs and other chemicals in the human body, and seriological testing to establish the relationship of biological fluids to a suspect or victim. This course provides the framework for the skills needed by the crime laboratory technician.

### **5515 Forensic Firearms**

2 credit hours, 3 contact hours (1 hour lecture and 2 hours lab). Prerequisite: Must be accepted in to the Forensic Science Technology program, current enrollment in 5510, or C grade (2.00) or better in 5510.

The student will learn firearm safety techniques including unloading weapons and transporting them to the lab in the appropriate manner in accordance with all safety measures. The student will be introduced on how to test fire a weapon while maintaining all safety requirements. This course will allow the student to test fire weapons safely for ballistics tests and bullet comparison test.

### **5520 Legal and Evidentiary Aspects of Forensics**

4 credit hours, 5 contact hours (3 hours lecture and 2 hour lab). Prerequisite: C (2.00) grade or better in 5209 and 5510.

The student will learn the law of search and seizure as it relates to the lawful collection of evidence at a crime scene; constitutional and statutory provisions applicable of forensic testing; and evidentiary rules applicable to testifying as a forensic science expert in court. The student will be able to recognize constitutional and other legal concerns associated with collecting and testing evidence, and thereafter testify as an expert. The student will apply this knowledge in a simulated crime setting. The student will participate in a mock trial or a trip to watch a live trial involving expert forensic testimony.

### **5522 Forensic Photography I**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: Acceptance into the Forensic Science Technology program.

The student will learn the use of a 35mm camera, which will include shutter speeds, f-stops, film speed, depth of field, various lenses, and focus. Both natural light and artificial light will be used in photography techniques as they relate to police and forensic photography. The student will learn to develop their own film and how to produce a finished photograph, enlarge it, and how to use the film dryer.

### **5523 Forensic Photography II**

4 credit hours, 6 contact hours (3 hours lecture and 3 hours lab). Prerequisite: C (2.00)

grade or better in 5522.

The student will learn techniques in lighting, filters, crime scene photography, accident photography, arson scene photography, alternative light photography, and infra red photography. Microscopic, macro, and telephoto techniques will be used in police and crime laboratory settings. Legal aspects and court presentation of photographs will be discussed.

### **5530 Forensic Criminalistics I**

4 credit hours, 6 contact hours (3 hours lecture and 3 hours lab). Prerequisite: C (2.00) grade or better in 5215.

The student will be involved in the study and application of scientific crime detection techniques with emphasis on collection of physical evidence, fingerprint development, identification of known to unknown fingerprint and palm prints. The student will learn footprint recovery and identification, tool mark comparisons, and blood spatter analysis. The student will participate in courtroom testimony and learn what is required of an expert witness.

### **5531 Forensic Criminalistics II**

4 credit hours, 6 contact hours (3 hours lecture and 3 hours lab). Prerequisite: C (2.00) grade or better in 5530.

The student will be involved in the study of scientific crime detection techniques with emphasis on ballistics, trace metal, gun powder, residue, hair and fiber evidence, paint comparison and physical comparisons. The student will participate in courtroom testimony and what is required from an expert witness.

### **5532 Introduction to Laboratory Instrumentation**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C (2.00) grade or better in 1225, 3026 and 5510 and concurrent enrollment in 5533.

The student will learn that advances in the technology of laboratory instrumentation have enabled technicians to replace highly trained analytical chemists in the routine work of the forensic laboratory. The purpose of this course is to introduce the student to the basic underlying principles of spectroscopy and chromatography, the techniques of identification and separation science. The student will become familiar with the Beer-Lambert Law which provides the theoretical basis for quantitative spectroscopy. The student will be exposed to the common principles which run through thin-layer, liquid and gas chromatography. The student will learn the basic principles of operation for the gas chromatography detectors, their limits of delectability and their application to analysis for forensic evidence.

### **5533 Instrumentation Analysis**

1 credit hour, 3 contact hours (0 hours lecture and 3 hours lab). Prerequisite: This course must be taken concurrently with 5532.

Through demonstration and hands on experience, the student will expand their theoretical knowledge with practical illustration of spectrophotometers and chromatographs. Through

examples of actual casework, the student will apply visible ultraviolet and infra red spectroscopy. The student will also apply gas chromatography to alcohol and drug analysis. The student will gain experience the application of the combined technique, gas chromatography/mass spectroscopy to forensic problems.

### **5535 Forensic Toxicology**

4 credit hours, 6 contact hours (3 hours lecture and 3 hours lab). Prerequisite: C (2.00) grade or better in 5520, 5532 and 5533.

The student will learn the adverse effects of drugs and chemicals upon the human body. Forensic toxicology is concerned with not only the identification and quantitation of chemicals, but also the relationship of any levels detected in body fluids or tissues to the impairment of a person's health or behavior. The student will focus on the pharmacology of alcohol and the major drugs of abuse and their detection in breath, blood, urine, and saliva. Demonstrations and laboratory work will be essential to the student's successful completion of this course.

### **5538 Questioned Documents**

3 credit hours, 4 contact hours (2 hours lecture and 2 hours lab). Prerequisite: C (2.00) grade or better in 5520.

The student will learn through lecture, demonstration, and laboratory work, an overview of the field of questioned document examination. The field of document examination has traditionally been one of more art than science involving the carefully trained eye of an expert technician. Now, science, with the aid of computer-driven equipment, can compare handwriting, raise obliterated text, and detect subtle changes in style. Forged signatures and bad checks along with computer assisted forgeries will be examined, as well as document alterations and wire fraud.

### **5545 Forensic Science Practicum I**

2 credit hours, 7 contact hours (1 hour lecture, 0 hours lab, and 6 hours practicum). Prerequisite: Student must have completed a minimum of 77 credit hours with a C (2.00) grade or better, including the following courses: 1210, 1225, 1389, 1386 (or 1396), 1397, 1502, 1504, 3026, 4070, 4080, 5209, 5215, 5515, 5520, 5522, 5530, 5532 and 5533.

This purpose of this course is to expose the student to applications of their knowledge and training through practical experience situations in a forensic science setting. Through a consortium of cooperating crime laboratories and coroner offices, the student will have the opportunity to interact with professionals who are daily involved with the scientific identification, detection, and solution of crime. The emphasis for this course will be on the criminalistics and forensic toxicology fields. A written summary of the student's work will be required to evaluate their basic understanding of the responsibilities of the functions of the forensic science technician.

### **5546 Forensic Science Practicum II**

2 credit hours, 8 contact hours (1 hour lecture, 0 hours lab, and 7 hours practicum). Prerequisite: C (2.00) grade or better in 5545 and permission of the instructor.

The student will increase their level of competency in forensic Science with emphasis on all areas of Forensic Science. The student will receive more advanced practical experience and will be challenged to more complex crime scenes to process. The student will also learn the role of the coroner in the State of Ohio and will work with the coroner when possible to understand the necessity for care and attention to details for investigative forensic people for the successful conclusion of a case.

### **5547 Forensic Serology**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C (2.00) grade or better in 1210, 1225, 1389, 1386 (or 1396), 1397, 1502, 1503, 1504, 3026, 4070, 4080, 5209, 5215, 5510, 5532 and 5533.

The purpose of this course is, through lecture, demonstration and laboratory, to overview the field of serology with an emphasis on forensic application. The course will comprise a review of the formed elements of the blood and other biological fluids such as saliva, perspiration, milk, and semen. The traditional immunological techniques used for identification and blood grouping of fluids and dried stains will be emphasized by lecture and lab. The principles of DNA testing will be explained and demonstrated. The student will learn to apply the most appropriate technique to their specific serological circumstance.

### **5548 Advanced Crime Scenes**

4 credit hours, 6 contact hours (3 hours lecture and 3 hours lab). Prerequisite: C (2.00) grade or better in 5215.

This course will prepare the student for court preparation of crime scenes. The student will process crime scenes and then draw the scenes both manually and on a computer for court presentation. The student will learn how to reenact a crime scene for presentation in court.

### **5549 Fires and Explosions**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C (2.00) grade or better in 1225, 3026, 4070, 5215, 5510, 5522 and 5523.

The purpose of this course is to be able to determine the cause of fires and explosions. Finding the point of origin and determining the cause at a scene will be discussed. Familiarity with chemical and physical principles are necessary in these investigations and the conditions which influence the growth, spread, and development will be reviewed. Emphasis will be placed on techniques for debris removal and scene reconstruction and examination of evidence. The use of alternative light sources to find and analyze evidence will be discussed and illustrated.

### **5611 Observation of Young Children**

2 credit hours, 3 contact hours (1 hour lecture and 2 hours lab). Prerequisite: Concurrent enrollment in 5614 (or credit for 5612 with a C grade or better).

The student will be introduced to the role of observation in the development of effective curriculum and teaching practices in the early childhood setting. A range of observational techniques that will contribute to classroom management, psychological/educational

assessment, and criterion-referenced assessment will be among the topics covered.

### **5614 Introduction to Early Childhood Education**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: Concurrent enrollment in 5611.

This course will introduce the student to topics on the history of early childhood education, program descriptions, evaluation, policy concerns, and professional behavior. The underlying theories and practices of specific program models will be examined, including the Constructivist, Montessori, Bank Street, and High/Scope approaches to curriculum planning for daycare and preschool settings. The student will discover the broad range of educational strategies that are available for working with young children and their families.

### **5621 Experienced ECD Field Practicum**

1.5 credit hours, 4.5 contact hours (1 hour lecture and 3.5 hours lab). Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), 5624, 5651, 5656 and concurrent enrollment in 5629 (or 5622).

This course is designed for the highly experienced early childhood professional. The student must have written documentation of three years of direct teaching experience with at least 50 percent FTE. The student may be currently working with young children in an approved practicum site. This course is taken concurrently with 5629 (or 5622) Language and Literacy. The student will apply the theory and methods discussed in 5629 (or 5622) within a supervised early childhood setting. Three and one-half hours will be at the practicum site and one hour in a seminar class.

### **5624 Curriculum Planning**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5630 (or 5632) or permission of ECD Program Director.

In this course the student will be introduced to theories of classroom planning and instruction. Specific topics will include planning and assessment, teaching strategies, classroom transitions, guidance techniques with special attention to exceptionality and cultural diversity.

### **5625 ECD Field Practicum**

2 credit hours, 8 contact hours (1 hour lecture and 7 hours lab). Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), 5624, 5651, 5656, and concurrent enrollment in 5629 (or 5622).

This course, taken concurrently with 5629 (or 5622) Language and Literature, will provide the student an experience in an early childhood setting. In this supervised experience, the student will apply the theory and methods discussed in 5629 (or 5622) Language and Literature. A one hour seminar for discussion of supervised experiences is required.

### **5626 Emerging Technologies for Early Childhood Development**

2 credit hours, 4 contact hours (1 hour lecture and 3 hours lab). Prerequisite: 2 credit hours of personal computer software applications to include network access in the windows

environment.

This course will prepare the Early Childhood Development professional to select and utilize technology and prepare developmentally appropriate materials for use in childcare and childcare education. An overview of augmentative technology will be included.

### **5628 Basic Media Skills**

2 credit hour, 3 contact hours (1 hour lecture and 2 hours lab). Prerequisite: None.

This course will provide activities which emphasize the selection, utilization, and preparation of teaching materials.

### **5629 Language, Literacy and Social Studies**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C (2.00) grade or better in 5611, 5614 (or 5612), 5624 and 5651, and concurrent enrollment in 5621 or 5625.

In this course the student will focus on fostering early childhood language, literacy and social studies development. Specific topics will include selecting and using children's literature, developing strategies to encourage oral language development, promoting emergent reading and writing development, integrating the areas of self, family, community, and culture as a basis for history, geography, economics and multiculturalism.

### **5630 Child Development**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None. Not open to students with credit for 5632.

This course will provide an overview of available knowledge on the development of children from the time of conception through adolescence with special emphasis on the early childhood years. Students will be introduced to theories related to physical, cognitive, language, and social/emotional development. Class topics will include the discussion of biological and environmental influences on development, such as cultural variation and exceptionality.

### **5631 Experienced ECD Field Practicum**

1.5 credit hours, 4.5 contact hours (1 hour lecture and 3.5 hours lab). Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), 5624, 5651, and 5656 and concurrent enrollment in 5639.

This course is designed for the highly experienced early childhood professional. The student must have written documentation of three years direct teaching experience with at least 50 percent FTE. The student may be currently working with young children in an approved practicum site. This course is taken concurrently with 5639 Art, Drama, Music, and Movement. The student will apply the theory and methods learned in 5639 within a supervised early childhood setting. Three and one-half hours will be at the practicum site with one hour in a seminar class.

### **5633 Art, Drama, Music and Movement**

5 credit hours, 5 contact hours (5 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), 5624, 5651, 5656 and concurrent enrollment in (5631 or 5636).

This course will emphasize the aesthetic development of children through the creative experiences of art, music, movement, and drama. Age appropriate experiences in both an indoor and outdoor setting will be discussed. This course must be taken concurrently with 5631 Experienced ECD Field Practicum or 5636 ECD Field Practicum.

### **5636 ECD Field Practicum**

2 credit hours, 8 contact hours (1 hour lecture and 7 hours lab). Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), 5624, 5651, 5656, and concurrent enrollment in 5639.

This course, taken concurrently with 5639 Art, Drama, Music and Movement, will provide the student a field experience in an early childhood setting. In this supervised experience, the student will apply theory and method learned in 5639 Art, Drama, Music and Movement. A one hour seminar for the discussion of the supervised experiences is required.

### **5639 Art, Drama, Music and Movement**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C (2.00) grade or better in 5611, 5614, 5624, 5651, and 5656 and concurrent enrollment in 5631 or 5636. Not open to students with credit for 5633.

This course will emphasize the aesthetic development of children through the creative experiences of art, music, movement and drama. Age appropriate experiences in both an indoor and an outdoor setting will be discussed. This course must be taken concurrently with 5631 Experienced ECD Field Practicum or 5636 ECD Field Practicum.

### **5640 Parenting and Parent Education**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

This course is an introduction to current theories of parenting and parent education programs that focus on parenting from infancy through the early childhood years. Topics will examine guidance techniques that promote the optimum development of young children with sensitivity to special needs and cultural variation. Students will examine ways to work with parents, individually or in groups, within the early childhood setting.

### **5641 Experienced ECD Field Practicum**

1.5 credit hours, 4.5 contact hours (1 hour lecture and 3.5 hours lab). Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), 5624 (or concurrent enrollment in 5624), 5651, 5656 and concurrent enrollment in 5649.

This course is designed for the highly experienced early childhood professional. The student must have written documentation of three years direct teaching experience with at least 50 percent FTE. The student may be currently working with young children in an

approved practicum site. This course is taken concurrently with 5649 Math and Science for ECD. The student will apply the theory and methods learned in 5649 within a supervised early childhood setting. Three and one-half hours will be at the practicum site with one hour in a seminar class.

### **5642 Family Relationships**

5 credit hours, 5 contact hours (5 hours lecture and 0 hours lab). Prerequisite: None.

A general introduction to theoretical studies of contemporary marriage and family relationships from a social science perspective. The focus is on family-related issues that affect individuals throughout the life cycle. The course will include an introduction to family theories, cultural and historical influences on family life, and contemporary social issues that affect the formation and maintenance of family life.

### **5645 Theory and Practice of Children's Play**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

This course will explore the important role of play in the development of young children and ways to foster play experiences in the early childhood setting. Child-initiated and teacher-guided events of play will be discussed, including age appropriate play activities such as blocks, sociodramatic play, games, and sensorimotor play.

### **5646 ECD Field Practicum**

2 credit hours, 8 contact hours (1 hour lecture and 7 hours lab). Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), 5624 (or concurrent enrollment in 5624), 5641, 5651, 5656, and concurrent enrollment in 5649.

This course, taken concurrently with 5649 Math and Science for ECD, will provide the student a field experience in an early childhood setting. In this supervised experience, students will apply the theory and methods learned in 5649.

### **5649 Math and Science for ECD**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C (2.00) grade or better in 5611, 5614, 5624 (or concurrent enrollment in 5624), 5651, 5656 and concurrent enrollment in 5641 or 5646. Not open to students with credit for 5643.

In this course the student will explore various ways to assist preschool children in developing specific concepts in the areas of math and science including computers and current technologies. The focus will be on setting up developmentally appropriate practices which enable children to develop critical thinking and problem-solving skills. Attention will be given to various methods of documentation of children's learning.

### **5650 Social Studies**

1 credit hour, 1 contact hour (1 hour lecture and 0 hours lab). Prerequisite: C (2.00) or better in 5611, 5614, 5651, and 5656, concurrent enrollment in 5649 and 5641 or 5646.

In this course the student will explore ways to assist children in developing specific

concepts in the area of social studies. Developmentally appropriate activities for young children will be emphasized.

### **5651 Managing Children in Groups**

4 credit hours, 6 contact hours (3 hours lecture and 3 hours lab). Prerequisite: 1502, and C grade (2.00) or better in 5611, 5614 (or 5612), and 5656.

This course will focus on theories and methods of guidance techniques to manage young children in group settings. Emphasis will be in the development of adult-child communication and promotion of children's social skills. A three hour supervised campus lab experience will reinforce skills in group management and the appropriate use of time and space in the early childhood setting.

### **5656 Family, Child, and Community Health and Safety**

3 credit hours, 4 contact hours (2 hours lecture and 2 hours lab). Prerequisite: None.

This course will provide training and practice in basic First Aid, in communicable disease recognition and management, and in child abuse recognition and prevention. Meets requirements of the Ohio Department of Human Services, Child Day Care Licensing Regulations for staff in early child care settings. Local and national laws and regulations related to community health and safety will be explored.

### **5657 Family, Child and Community Health and Safety: Child Abuse Recognition and Prevention**

1 credit hour, 2 contact hours (0.5 hours lecture and 1.5 hours lab). Prerequisite: None.

This course will provide training and practice in child abuse recognition and prevention of childhood injuries. Meets requirements of the Ohio Department of Human Services, Child Day Care Licensing Regulations for staff in early child care settings. Local and national laws and regulations related to community health and safety will be explored.

### **5658 Family, Child and Community Health and Safety: Disease Transmission and Prevention and HIV/Aids Fundamentals**

1 credit hour, 1 contact hour (1 hour lecture and 0 hours lab). Prerequisite: None.

This course will provide training and practice in basic First Aid, in communicable disease recognition, transmission prevention, and management. Meets requirements of the Ohio Department of Human Services, Child Day Care Licensing Regulations for staff in early child care settings. Local and national laws and regulations related to community health and safety will be explored.

### **5659 Adult, Infant and Child CPR**

0.5 credit hours, 8 contact hours (2 hours lecture and 6 hours lab). Prerequisite: None.

This course will provide training and practice in Cardiopulmonary Resuscitation of Adult, Infant, and Child including professional rescuers. This course would meet CPR recertification requirements.

## **5660 ECD Seminar**

1 credit hour, 1 contact hour (1 hour lecture and 0 hours lab). Prerequisite: 1201, 1389, 1386 (or 1396), 1504 and C grade (2.00) or better in: 4045, 5629 (or 5622), (5621 or 5625), 5624, 5628, 5630 (or 5632), 5639 (or 5633), 5640 (or 5655), 5642, 5645, 5649 (or 5643), 5651, 5656, 5671, Computer Elective, [Experienced Option, Non Student Teaching Option, and Unexperienced Option Students: 5646 (or 5641) and 5649 (or 5643); Family Option Students: 5280, 5281 and concurrent enrollment in 5284 and 5286; Early Intervention Option Students: 5675, 5676 and concurrent enrollment in 5664 and 5677] and last quarter of enrollment, or by permission of ECD Program Director.

This seminar provides the student the opportunity to discuss his/her experiences with children, staff, and parents in early childhood settings. Specific topics will be generated by the instructor and students according to the needs and interests of the group. The culmination of this course is the development of a Professional Portfolio which must be submitted for evaluation.

## **5661 Experienced Student Teaching Practicum**

2.5 credit hours, 17.5 contact hours (0 hours lecture and 17.5 hours per week in a practicum setting). Prerequisite: 1201, 1389, 1386 (or 1396), 1504, and C grade (2.00) or better in: 4045, (5621 or 5625), 5624, 5628, 5632, 5631, 5639 (or 5633), 5640 (or 5655), 5641, 5642, 5649 (or 5643), 5645, 5651, 5656, and 5671, and concurrent enrollment in 5669 and last quarter of enrollment. Not open to students with credit for 5662.

This course is designed for the highly experienced early childhood professional. The student will observe, participate, and be responsible for teaching in an assigned early childhood setting. In this field experience, the student will receive guidance from a qualified supervisor on a regular basis. A student must have written documentation of three years direct teaching experience with at least 50 percent FTE. The student may be currently working with young children in an approved practicum site. 5660 ECD Seminar must be taken concurrently.

## **5662 Student Teaching Practicum**

5 credit hours, 35 contact hours (0 hours lecture and 35 hours per week in a practicum setting). Prerequisite: 1201, 1389, 1386 (or 1396), 1504, and C grade (2.00) or better in: 4045, 5629 (or 5622), 5630 (or 5632), 5624, 5625, 5628, 5636, 5639 (or 5633), 5640 (or 5655), 5642, 5645, 5646, 5649 (or 5643), 5651, 5656, 5671, concurrent enrollment in 5669 and last quarter of enrollment. Not open to students with credit for 5661.

In this course, the student will observe, participate and be responsible for teaching in an assigned early childhood setting. In this intensive field experience, the student will receive guidance from a qualified supervisor on a regular basis. 5660 ECD Seminar must be taken concurrently.

## **5664 ECD Early Intervention Practicum**

3 credit hours, 15 contact hours (1 hour lecture and 0 hours lab, and 14 hours practicum). Prerequisite: 1201, 1389, 1386 (or 1396), 1504 and [C grade (2.00) or better in 4045, 5621, 5629 (or 5622), 5628, 5630 (or 5632), 5631, 5639 (or 5633), 5640 (or 5655), 5642, 5645,

5656, 5671, 5675, 5676 and 5677] or permission of the ECD Program Director.

The student will observe and participate in the planning and implementation of a positive learning environment for children birth to six years in a variety of settings, including classrooms, community and home based programs. The student will focus on accommodating children with special needs within the least restrictive environment, engaging parent participation and cooperating with agency professionals. The student will receive guidance from a qualified supervisor on a regular basis.

### **5669 Student Teaching Practicum Seminar**

1 credit hour, 1 contact hours (1 hour lecture and 0 hours lab). Prerequisite: 5669 must be taken concurrently with 5661 or 5662.

This course is designed to provide the student with the opportunity to analyze and evaluate with his/her student teaching practicum experience relative to theories and practice of Early Childhood Education and aid the student in the transition from student to teacher. The culmination of this course is the development of a Student Teaching Portfolio which must be submitted for evaluation.

### **5671 Exceptional Children**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5630 (or 5632) and (5656 or equivalent).

This course will explore the special needs of atypical children, which include children with severe mental or physical disabling conditions, children with more mild forms of delay, and gifted children. Causes, treatment, concepts, and services available will be studied.

### **5673 Trends and Issues in Early Childhood Development**

2 credit hours, 2 contact hours (2 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5614 (or 5612).

This course will explore historical and contemporary issues affecting children and the early childhood educator. Topics will include societal views of children, early childhood educator professionalism, and future implications.

### **5674 Trends and Issues in ECD**

2 credit hours, 2 contact hours (2 hours lecture and 0 hours lab). Prerequisite: C (2.00) or better in 5614 or experience in Early Childhood Education and permission of the ECD Program Director or Division Chair.

In this course the student will explore historical and contemporary issues affecting children, family, community and the early childhood professional. Topics will include societal views of children, early childhood professionalism, current research and future implications.

### **5675 ECD Early Intervention Family Dynamics**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: 5642 or approved early intervention course work or experience and permission of the ECD Program

Director.

This course examines the function and structure of the relationship and interaction among the family, helping professional and the child, birth to age six years with special needs. The student will complete structured observations and interviews with community professionals and families emphasizing an individualized family service planning.

### **5676 Team Models and Community Collaboration**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: 5310 or 5614 or permission of the ECD Program Director.

This course is designed to familiarize the student with the importance of early intervention team models and community collaboration. Focus will be with the development of cooperative community services for children birth to six years and their families. In addition, the student will explore the formation of group processes, team leadership and the coordination of the individualized service plans for the family and child.

### **5677 ECD Early Intervention Assessment Practices**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: 5611, 5621, 5630 (or 5632), 5631, 5651, 5671, and 5681 or approved early intervention course work or experience and permission of the ECD Program Director.

This course is designed to provide basic knowledge of finding, screening, and assessing children birth to age six years who are at risk and need further assessment. The student will become familiar with a range of diagnostic assessment instruments and procedures that encompass the developmental needs of the whole child involving the family and appropriate community resources and professionals. The student will complete structured observations of typically developing children and assist with the screening and assessments of children with special needs.

### **5680 Administration in Early Childhood Programs**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: Successful completion of Field Practicum or equivalent and written permission of the instructor.

This course is designed for the student interested in the administration of Early Childhood care and education programs. The focus will be on operational planning to include curriculum, parent programs, staff management, community involvement, legal responsibilities, and hiring requirements. Establishing and maintaining effective fiscal practices will be explored.

### **5681 Infant and Toddler Development and Care**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

Students will explore issues and theories related to physical, cognitive, language and social emotional development of infants and toddlers, birth to three years. Focus will be in infant-toddler parental care and group care settings. Students will assess curriculum and activities appropriate for infant-toddler groups.

### **5682 Children's Mental Health Issues**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

This course will explore children's mental health issues related to self-esteem, development, the effects of adult life choices, and the effects of current day stressors.

### **5683 School Age Programs and Care**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

This course is designed to assist care givers of school ages in understanding the needs elementary school age children have for programs and care outside of school hours. Students will explore developmentally and culturally appropriate activities, positive guidance, and communication guidelines.

### **5700 Principles of Fire Technology**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: Must have completed the Professional Firefighter Course for admittance into the Fire Science Program.

This course provides an overview of the fire science including a history of loss of life and property by fire. Students are exposed to issues concerning careers, ethics, records and reports, and insurance ratings.

### **5701 Principles of Fire Protection Systems**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in 5700, acceptance into the Fire Science Program or instructor approval.

The principles of design, application and operation of fire detection, alarms, and suppression systems. Study of extinguishing agents and their application. Analysis and evaluation of specific NFPA code requirements related to the design, inspection, testing, and maintenance of fire protection systems.

### **5702 Legal Aspects in Fire Service**

4 credit hours, 4 contact hours (4 hours lecture and 0 hours lab). Prerequisite: C grade (2.00) or better in 5700.

A study of legislative and legal decisions relating to personnel practices, employee safety and public protection in fire safety services. A review of NFPA Standards most commonly used within the fire services and specific electrical/building codes. Some emphasis will be on the legal responsibilities, liabilities, and authority of the practitioner.

### **5703 Chemistry and Dynamics of Fire**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in 1225.

Introduction of the chemistry and dynamics of fire as it relates to properties of hazardous

materials and the development of fire in a structure. This course applies the principle of fire chemistry to the science of fire and fire extinguishment.

### **5704 Principles of Fire Safety Inspection and Enforcement**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in 5701 and 5702.

Course of study follows fire inspection objectives as part of code enforcement, identifying fire hazards, proper fire protection systems, mapping and technical information on buildings.

### **5705 Physical Conditioning for Fire Service I**

1.5 credit hours, 3 contact hours (.5 hours lecture and 2.5 hours lab). Prerequisite: None.

This course is designed to prepare the students for the riggers of fire service. Strength, dexterity, and endurance are covered as well as diet.

### **5706 Building Construction of Fire Service**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade or better in 3748 or concurrent enrollment in 3748.

Study of building construction and materials as fire protection features. This course covers relative resistance of fire, flame, and smoke spread of various types of construction and the ways in which structural failure can occur during a fire. Students learn to recognize structure shortcomings requiring pre-emergency planning and to evaluate blue prints.

### **5707 Fire Hydraulics and Pump Operation**

5 credit hours, 6 contact hours (4 hour lecture and 2 hours lab). Prerequisite: C grade (2.00) or better in 1225 and 5703.

This course covers the fundamental principles of water movement through pump, pipe and fire hose. The application of formulas to solve friction loss, flow rate, engine and nozzle pressures, evaluation of water supplies and sprinkler systems. Also includes fire pump operation, trouble shooting and maintenance.

### **5708 Physical Conditioning for Fire Service II**

1.5 credit hours, 3 contact hours (.5 hours lecture and 2.5 hours lab). Prerequisite: C grade or better in 5705.

This is a continuation of 5705 Physical Conditioning for Fire Service I. This course will concentrate on the ability to perform specific physical tasks required of the professional fire fighter.

### **5709 Hazardous Materials**

3 credit hours, 5 contact hours (2 hours lecture and 3 hours lab). Prerequisite: C grade or better 1225 and 5703.

Students will learn to identify hazardous materials and respond to hazardous materials incidents. The study of all federal, state, and local hazardous substance legislation and regulations is covered. This course will follow professional competence of responders to hazardous material incidents.

### **5710 Fire Investigations I**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: None.

Study in this course involves the systematic approach to the investigation of the cause and origin of a fire. The course of study will concentrate on the rules of evidence, photography, scene searches, sketchers, collection and preservation of evidence. Also covered are report writing, sources of information, interviews, and interrogation.

### **5711 Firefighting Strategies**

5 credit hours, 6 contact hours (4 hours lecture and 2 hours lab). Prerequisite: C grade or better in 5706 and 5707.

This course covers the applications of fire strategies for fire teams and their function as an operating unit on the fire ground. Emphasis will be placed on pre-planning, fire ground organization, and problem-solving related to fire ground decision making and attack tactics.

### **5712 Fire Investigation II**

4 credit hours, 5 contact hours (3 hours lecture and 2 hours lab). Prerequisite: C grade or better in 5710.

This course is designed to assist individuals who are charged with the responsibility of investigating and analyzing fire explosion incidents and rendering opinions as to the origin, cause, responsibility, or prevention of such incidents.

### **5713 Fire Organization and Administration**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: None.

This course will provide the student with an understanding of contemporary management principles and practices as they apply to the fire service and will contain discussion of administration methods for managing public organizations.

### **5714 Fire Emergency Operations**

5 credit hours, 6 contact hours (4 hours lecture and 2 hours lab). Prerequisite: C grade or better in 5711.

Principles of critical incident operations including emergency scene decisions, strategies, and tactics will be covered in this course. The student will solve major fire and non-fire emergency simulation problems. Emphasis will be placed on rescue and disaster operations with consideration to safety.

### **5715 Special Fire Service Problems**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade or better in 5714 or concurrent enrollment in 5714.

This course covers special operations often confronted by the fire service including hi-rise fire, aircraft fire and rescue, confined space, wildland fire, radiation, bomb and explosions.

### **5716 Current Issues in Fire Service**

3 credit hours, 3 contact hours (3 hours lecture and 0 hours lab). Prerequisite: C grade or better in 5713 and 5714 or concurrent enrollment in 5713 and 5714.

This course offers the student the opportunity to examine indepth current issues affecting the fire service. Areas covered include development and research in contemporary methods, techniques and devices in the field. Topics will differ with each offering.

### **5801 ECD Independent Study: Creative Music Experiences with Pre-Schoolers**

1-2 (variable) credit hours; 5-10 hours contact hours independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **5802 ECD Independent Study: Self-Esteem Development with Children**

1-2 (variable) credit hours; 5-10 hours contact hours independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **5803 ECD Independent Study: Children's Literature**

1-2 (variable) credit hours; 5-10 hours contact hours independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **5804 ECD Independent Study: Special Needs Inclusion**

1-2 (variable) credit hours; 5-10 hours contact hours independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **5805 ECD Independent Study: The School Age Child: Plans and Activities**

1-3 credit hours, 5-15 contact hours per week independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **5806 ECD Independent Study: Parent Education**

1-3 credit hours, 5-15 contact hours per week independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **5807 ECD Independent Study: Current Issues in Child Development**

1-3 credit hours, 5-15 contact hours per week independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **5808 ECD Independent Study: Developing an ECD Manual**

1-3 credit hours, 5-15 contact hours per week independent study. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.

### **58XX Independent Study in ECD**

1-2 (variable) credit hours; 5 hours per quarter minimum contact hours. Prerequisite: C grade (2.00) or better in 5611, 5614 (or 5612), and 5630 (or 5632).

This course is designed to allow the ECD student the opportunity to choose a topic for independent study related to early childhood development or education. The student will work closely with an ECD faculty member in determining the appropriateness of the topic area. Transfer students receiving partial credit for an ECD course may utilize this course as an elective to meet up to 2 credit hours in any one topic area towards the required credits for graduation.