

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

OCCUPATIONAL AND ENVIRONMENTAL SAFETY AND HEALTH

Occupational and Environmental Safety & Health

SAFETY 201 PERSONAL AND PUBLIC SAFETY ... *Presents a systematic account of the foundations of safety to students with little previous knowledge of the subject. It presents the accident problem, philosophical implications, concepts of accident causation and countermeasures, and an overview of specific areas of safety concern: fire, water safety, traffic, disasters, etc.*

#2387	Section 01	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	MWF	08:50 AM - 09:40 AM	HH1309	Deborah C Bowen			
#2391	Section 02	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	MWF	09:55 AM - 10:45 AM	HH1309	Deborah C Bowen			
#2393	Section 03	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	MWF	09:55 AM - 10:45 AM	HH1307	Craig G Wucivic			
#2395	Section 04	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	MWF	11:00 AM - 11:50 AM	HH1307	Craig G Wucivic			
#2397	Section 05	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	MWF	12:05 PM - 12:55 PM	HH1307	Craig G Wucivic			
#2399	Section 06	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	MW	02:15 PM - 03:30 PM	HH1307	Craig G Wucivic			
#2401	Section 07	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	T	06:15 PM - 08:45 PM	HH1309	Wayne M Cole			
#2505	Section 08	[units: 3]	Gen Ed Interdisciplinary (GI)	NOTE: This is an entirely web based section using D2L; students must have internet access. For information, email Vay Rodman at rodmanv@uww.edu. Required additional course fee is \$150.00				
	09/02-12/22	Arranged	Arranged	WEB BASED	Vay A Rodman			

SAFETY 255 ALCOHOL AND OTHER DRUGS ... *An investigation into the physiological, psychological and sociological problems presented by the use of alcohol and other drugs. Prevention and treatment programs will be examined. Other areas of study will include alcohol and traffic safety, alcohol and other drugs education and employee assistance programs.*

#2389	Section 01	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	TR	08:00 AM - 09:15 AM	HH1309	Roger Lee Young			
#2403	Section 02	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	TR	09:30 AM - 10:45 AM	HH1309	Roger Lee Young			
#2405	Section 03	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	TR	11:00 AM - 12:15 PM	HH1309	Roger Lee Young			
#2519	Section 04	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	TR	12:30 PM - 01:45 PM	HH1309	David L Nordstrom			
#2521	Section 05	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	TR	02:15 PM - 03:30 PM	HH1309	David L Nordstrom			
#2523	Section 06	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	TR	03:45 PM - 05:00 PM	HH1309	David L Nordstrom			
#6035	Section 08	[units: 3]	Gen Ed Interdisciplinary (GI)					
	09/02-12/22	TR	12:30 PM - 01:45 PM	HH1311	Roger Lee Young			

SAFETY 380 INDUSTRIAL ACCIDENT PREVENTION ... *A combination of principles and practices designed to provide the student with a basis for understanding the nature of occupational accident prevention and loss reduction. The topics to be examined include legislative aspects, accident causation, strategies for minimizing injuries and losses, and sources of assistance in resolving safety and health problems.*

#2417	Section 01	[units: 3]						
	09/02-12/22	MWF	11:00 AM - 11:50 AM	HH1309	Deborah C Bowen			
#2419	Section 02	[units: 3]						
	09/02-12/22	MW	02:15 PM - 03:30 PM	HH1309	Deborah C Bowen			
#2421	Section 03	[units: 3]						
	09/02-12/22	W	06:00 PM - 08:30 PM	HH1309	Deborah C Bowen			

SAFETY 382 SAFETY IN THE CONSTRUCTION INDUSTRY ... *This course examines the practices and safety-related problems found in the construction industry. Administrative and organizational issues that impact construction safety programs are examined. Students will be introduced to specific problems and countermeasures for correction through lectures and field experiences. The course provides an overview of applicable OSHA and MSHA standards.*

PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR

#2423	Section 01	[units: 3]						
	09/02-12/22	TR	04:45 PM - 06:00 PM	HC0005	Sang D Choi			

SAFETY 384 CONSTRUCTION ACCIDENT PREVENTION ... *A combination of principles and practices designed to provide a basis for understanding the nature of accident prevention, health preservation and loss reduction in construction operations. The topics to be examined include federal safety and health regulations, techniques of hazard control, strategies for minimizing injuries and losses, and sources of assistance in resolving safety and health problems.*

PREREQ: SAFETY 382/582 OR CONSENT OF INSTRUCTOR

#2427	Section 01	[units: 3]						
	09/02-12/22	R	06:15 PM - 08:45 PM	HC0005	Wayne M Cole			

Start/End Dates	Meeting Days	Meeting Times	Location	Instructor	Course Topic (if applicable)
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SAFETY 388 OCCUPATIONAL SAFETY & HEALTH STANDARDS AND APPLICATIONS ... This course is designed to provide the student with a comprehensive understanding of occupational safety and health standards and their application for the management of workplace injury prevention and health promotion. Topics to be examined include federal regulations and their interpretations and accident investigation methodologies.

PREREQ: SAFETY 380

#2509	Section 01	[units: 3]				
09/02-12/22	TR	11:00 AM - 12:15 PM	HH1312	Edward A Kapp		
#4893	Section 02	[units: 3]				
09/02-12/22	TR	02:15 PM - 03:30 PM	HH1312	Edward A Kapp		

SAFETY 420 PRINCIPLES OF ENVIRONMENTAL MANAGEMENT ... This course addresses the U.S. Environmental Protection Agency regulations and the related responsibilities of the safety professional to insure compliance. Areas to be covered are: Safe Drinking Water Act, Storm Water Discharges, Hazardous Waste Disposal, Environmental Audits, Clean Air Act, etc.

PREREQ: CHEM 102 AND CHEM 104 OR ONE YEAR OF GENERAL COLLEGE CHEMISTRY AND SAFETY 380

#2435	Section 01	[units: 3]				
09/02-12/22	W	06:15 PM - 08:45 PM	HH1307	John T Bushman		
09/02-12/22	W	06:15 PM - 08:45 PM	HH1307	William A Freeman		

SAFETY 450 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION ... Selected theories of accident causation and countermeasures are studied. Examination of physiological, medical, psychological, and sociological factors which influence behavior, and methods for modifying unsafe behavior.

PREREQ: SOPH ST OR CONS INSTR.

#2407 Section 01 [units: 3] NOTE: This is an entirely web based section using D2L; students must have internet access. For information, email Alvaro Taveira at taveiraa@uww.edu. Required additional course fee is \$150.00

09/02-12/22	Arranged	Arranged	WEB BASED	Alvaro D Taveira		
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SAFETY 453 LEGAL ASPECTS IN ENVIRONMENTAL HEALTH & SAFETY ... An examination of federal and state laws with judicial and regulatory interpretations having application to the management of the occupational and environmental safety & health responsibilities of private sector firms in the United States.

PREREQ: JUNIOR/SENIOR STATUS OR CONSENT OF INSTRUCTOR

#2507	Section 01	[units: 3]				
09/02-12/22	T	07:00 PM - 09:30 PM	HH1307	Edward A Kapp		

SAFETY 464 TECHNIQUES OF LABORATORY INSTRUCTION ... A variable credit course designed to provide the student with the techniques of the in-car, simulation, and multiple car methods of laboratory instruction. Practical experience with beginning drivers will be arranged. Credit is determined by number of phases of laboratory instruction in which student participates.

PREREQ: SAFETY 461 OR CONSENT OF INSTRUCTOR

#2445	Section 01	[units: 1-5]				
09/02-12/22	Arranged	Arranged		Craig G Wucivic		

SAFETY 470 SEMINAR-SAFETY ... This seminar will provide emphasis on independent study research and inquiry and an opportunity for discussion and evaluation of professional internship experiences.

PREREQ: DEPARTMENT APPROVAL REQUIRED. CONCURRENT ENROLLMENT IN SAFETY 492 AND 2.50 CUM GPA

#2411	Section 01	[units: 2]				
09/02-12/22	F	01:30 PM - 04:00 PM	HC0005	Edward A Kapp		

SAFETY 471 APPLIED METHODS IN ERGONOMICS ... Students will study methods and techniques for job and workstation evaluation to identify potential ergonomic hazards that contribute to work-related musculoskeletal disorders. At the conclusion of the course students will be able to select and apply appropriate ergonomics methods and techniques to industry-specific problems.

PREREQ: SAFETY 488/688 OR CONSENT OF INSTRUCTOR

#2501	Section 01	[units: 3]				
09/02-12/22	M	06:15 PM - 08:45 PM	HH1307	Sang D Choi		

SAFETY 479 PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE ... An introduction to the science and art of anticipating, recognizing, evaluating, and controlling the chemical, physical, and biological agents that affect the health and safety of workers. The laboratory provides working knowledge and hands-on experience with equipment for recognizing, analyzing, and evaluating occupational health hazards in industry. One 2.5 hour lecture and one 2.5 hour lab per week.

PREREQ: CHEM 102 OR CONSENT OF INSTRUCTOR

#2489	Section 01	[units: 5]				
09/02-12/22	T	06:15 PM - 08:45 PM	HC0005A	George R Gruetzmacher		
09/02-12/22	M	06:15 PM - 08:45 PM	HC0005	George R Gruetzmacher		

SAFETY 481 ANALYSIS AND DESIGN FOR SAFETY IN INDUSTRIAL OPERATIONS ... The course examines the need for an interpretation of occupational safety and health standards. Emphasis is placed on local, state, federal and association standards to numerous applications including materials handling and storage, powered industrial trucks, machine guarding, working with hot and cold metals, welding and cutting, electrical hazards and flammable and combustible liquids. Class visitations to selected industries will be scheduled to assist students in understanding industrial and plant processes and to recognize potential hazards.

PREREQ: SAFETY 380, SAFETY 479 AND SAFETY 488

#2439	Section 01	[units: 3]				
09/02-12/22	W	02:00 PM - 04:30 PM	HH1312	Sang D Choi		

Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

SAFETY 483 OCCUPATIONAL SAFETY MANAGEMENT ... *Emphasis will be on the organizational and administrative problems that relate to risk assessments, occupational accidents, worker compensation management, safety committees and employee safety training programs. The course is designed for students majoring in the business related areas and future safety professionals who desire to develop an understanding of these management problems as well as applicable solutions.*

PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR AND 2.50 CUM GPA

#2431 Section 01 [units: 3]

09/02-12/22 TR 02:15 PM - 03:30 PM HH1307 Wayne M Cole

SAFETY 488 ERGONOMICS ... *This course is intended to provide the student with basic introductory information concerning human information processing capabilities and limitations. Ergonomic strategies for preventing manual material handling, repetitive motion injury and ergonomic design and evaluation of man-machine systems will be included in the course.*

Prereq: Consent of Instructor.

#2413 Section 01 [units: 3]

09/02-12/22 TR 09:30 AM - 10:45 AM HH1307 Alvaro D Taveira

SAFETY 489 HAZARDOUS MATERIALS MANAGEMENT ... *This course addresses OSHA, NFPA & ANSI standards as they relate to the use & storage of chemical, biological and radiological hazardous materials in the workplace. Standards to be covered include Process Safety Management of Highly Hazardous Chemicals, Hazardous Chemical Communication, Personal Protective Equipment Regulation, Laboratory Safety Standard, DOT Shipping regulations, Nuclear Regulatory Commission Standards, etc.*

PREREQ: CHEM 102 AND CHEM 104 OR ONE YEAR OF GENERAL COLLEGE CHEMISTRY OR CONSENT OF INSTRUCTOR

#2511 Section 01 [units: 3]

09/02-12/22 M 02:15 PM - 04:30 PM HC0005 Ernie Stracener

SAFETY 492 FIELDWORK INTERNSHIP IN SAFETY ... *Offered on a satisfactory/no credit grade basis only. Internship students will be assigned to a company or governmental agency according to their interests to study in the field under the joint direction of the organization's Safety Manager and a University Supervisor. Students will be required to work with administrative and operational personnel at various levels. Written documentation of experiences will be required.*

PREREQ: CONSENT OF COORDINATOR OF FIELD EXPERIENCES AND CONCURRENT ENROLLMENT IN SAFETY 470 AND CUM GPA 2.50 OR HIGHER

#2441 Section 01 [units: 1-12]

09/02-12/22 Arranged Arranged Edward A Kapp
S/NC Grading Basis Only

#2443 Section 02 [units: 1-12]

09/02-12/22 Arranged Arranged Edward A Kapp
S/NC Grading Basis Only

#5239 Section 03 [units: 1-12]

09/02-12/22 Arranged Arranged Edward A Kapp
S/NC Grading Basis Only

SAFETY 498 INDEPENDENT STUDY ... *Study of a selected topic or topics under the direction of a faculty member. May be taken for a maximum of 3 units in major/degree.*

PREREQ: CONSENT OF INSTRUCTOR AND JUNIOR STATUS AND OCCUPATIONAL SAFETY MAJOR OR MINOR

#2447 Section 01 [units: 1-3]

09/02-12/22 Arranged Arranged Deborah C Bowen

#2449 Section 02 [units: 1-3]

09/02-12/22 Arranged Arranged Sang D Choi

#2451 Section 03 [units: 1-3]

09/02-12/22 Arranged Arranged Edward A Kapp

#2453 Section 04 [units: 1-3]

09/02-12/22 Arranged Arranged David L Nordstrom

#2481 Section 05 [units: 1-3]

09/02-12/22 Arranged Arranged Vay A Rodman

#2483 Section 06 [units: 1-3]

09/02-12/22 Arranged Arranged Alvaro D Taveira

#2493 Section 07 [units: 1-3]

09/02-12/22 Arranged Arranged Hong Wang

Instructor Consent

#5243 Section 08 [units: 1-3]

09/02-12/22 Arranged Arranged Craig G Wucivic

Instructor Consent

*** GRADUATE LEVEL COURSES ***

SAFETY 582 SAFETY IN THE CONSTRUCTION INDUSTRY ... *This course examines the practices and safety-related problems found in the construction industry. Administrative and organizational issues that impact construction safety programs are examined. Students will be introduced to specific problems and countermeasures for correction through lectures and field experiences. The course provides an overview of applicable OSHA and MSHA standards.*

Prereq: Consent of instructor.

PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR

#2425 Section 01 [units: 3]

09/02-12/22 TR 04:45 PM - 06:00 PM HC0005 Sang D Choi

Start/End Dates	Meeting Days	Meeting Times	Location	Instructor	Course Topic (if applicable)
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SAFETY 584 CONSTRUCTION ACCIDENT PREVENTION ... A combination of principles and practices designed to provide a basis for understanding the nature of accident prevention, health preservation and loss reduction in construction operations. The topics to be examined include federal safety and health regulations, techniques of hazard control, strategies for minimizing injuries and losses, and sources of assistance in resolving safety and health problems.

PREREQ: SAFETY 382/582 OR CONSENT OF INSTRUCTOR

#2429	Section 01	[units: 3]			
09/02-12/22	R	06:15 PM - 08:45 PM	HC0005	Wayne M Cole	

SAFETY 620 PRINCIPLES OF ENVIRONMENTAL MANAGEMENT ... This course addresses the U.S. Environmental Protection Agency regulations and the related responsibilities of the safety professional to insure compliance. Areas to be covered are: Safe Drinking Water Act, Storm Water Discharges, Hazardous Waste Disposal, Environmental Audits, Clean Air Act, etc.

PREREQ: CHEM 102 AND CHEM 104 OR ONE YEAR OF GENERAL COLLEGE CHEMISTRY AND SAFETY 380

#2437	Section 01	[units: 3]			
09/02-12/22	W	06:15 PM - 08:45 PM	HH1307	John T Bushman	
09/02-12/22	W	06:15 PM - 08:45 PM	HH1307	William A Freeman	

SAFETY 650 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION ... Selected theories of accident causation and countermeasures are studied. Examination of physiological, medical, psychological, and sociological factors which influence behavior, and methods for modifying unsafe behavior. Prereq: Consent of instructor.

#2409 Section 01 [units: 3] NOTE: This is an entirely web based section using D2L; students must have internet access. For information, email Alvaro Taveira at taveiraa@uww.edu. Required additional course fee is \$150.00

09/02-12/22	Arranged	Arranged	WEB BASED	Alvaro D Taveira	
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SAFETY 671 APPLIED METHODS IN ERGONOMICS ... Students will study methods and techniques for job and workstation evaluation to identify potential ergonomic hazards that contribute to work-related musculoskeletal disorders. At the conclusion of the course students will be able to select and apply appropriate ergonomics methods and techniques to industry-specific problems.

PREREQ: SAFETY 488/688 OR CONSENT OF INSTRUCTOR

#2503	Section 01	[units: 3]			
09/02-12/22	M	06:15 PM - 08:45 PM	HH1307	Sang D Choi	

SAFETY 679 PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE ... An introduction to the science and art of anticipating, recognizing, evaluating, and controlling the chemical, physical, and biological agents that affect the health and safety of workers. The laboratory provides working knowledge and hands-on experience with equipment for recognizing, analyzing, and evaluating occupational health hazards in industry. One 2.5 hour lecture and one 2.5 hour lab per week.

PREREQ: CHEM 102 OR CONSENT OF INSTRUCTOR

#2491	Section 01	[units: 5]			
09/02-12/22	T	06:15 PM - 08:45 PM	HC0005A	George R Gruetzmacher	
09/02-12/22	M	06:15 PM - 08:45 PM	HC0005	George R Gruetzmacher	

SAFETY 683 OCCUPATIONAL SAFETY MANAGEMENT ... Emphasis will be on the organizational and administrative problems that relate to risk assessments, occupational accidents, worker compensation management, safety committees and employee safety training programs. The course is designed for students majoring in the business related areas and future safety professionals who desire to develop an understanding of these management problems as well as applicable solutions.

PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR AND 2.50 CUM GPA

#2433	Section 01	[units: 3]			
09/02-12/22	TR	02:15 PM - 03:30 PM	HH1307	Wayne M Cole	

SAFETY 688 ERGONOMICS ... This course is intended to provide the student with basic introductory information concerning human information processing capabilities and limitations. Ergonomic strategies for preventing manual material handling, repetitive motion injury and ergonomic design and evaluation of man-machine systems will be included in the course. Prereq: Consent of instructor.

#2415	Section 01	[units: 3]			
09/02-12/22	TR	09:30 AM - 10:45 AM	HH1307	Alvaro D Taveira	

SAFETY 689 HAZARDOUS MATERIALS MANAGEMENT ... This course addresses OSHA, NFPA & ANSI standards as they relate to the use & storage of chemical, biological and radiological hazardous materials in the workplace. Standards to be covered include Process Safety Management of Highly Hazardous Chemicals, Hazardous Chemical Communication, Personal Protective Equipment Regulation, Laboratory Safety Standard, DOT Shipping regulations, Nuclear Regulatory Commission Standards, etc.

PREREQ: CHEM 102 AND CHEM 104 OR ONE YEAR OF GENERAL COLLEGE CHEMISTRY OR CONSENT OF INSTRUCTOR

#2513	Section 01	[units: 3]			
09/02-12/22	M	02:15 PM - 04:30 PM	HC0005	Ernie Stracener	

SAFETY 757 PRINCIPLES OF OCCUPATIONAL EPIDEMIOLOGY ... This course will introduce the principles of occupational epidemiology and discuss the application of these principles in the recognition, control and prevention of disease and injury. The course will review the etiology of various acute, chronic, infectious, occupational and environmental diseases.

#5350 Section 01 [units: 3] NOTE: This is an entirely web based section using D2L; students must have internet access. For information, email David Nordstrom at nordstrd@uww.edu. Required additional course fee is \$150.00

09/02-12/22	R	05:30 PM - 07:30 PM	HH1312	David L Nordstrom	
09/02-12/22	Arranged	Arranged	WEB BASED	David L Nordstrom	

Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)

SAFETY 783 CORPORATE SAFETY MANAGEMENT ... This course is designed for Occupational Safety majors, prior to fieldwork experience. Attention will be given to the environmental safety management structures and Risk Management and loss control functions within multi-facility corporate structures. Emphasis will be placed on developing multi-facility risk management and loss control programs.

#5353 Section 01 [units: 3] NOTE: This is an entirely web based section using D2L; students must have internet access. For information, email Vay Rodman rodmanv@uww.edu. Required additional course fee is \$150.00

09/02-12/22 Arranged Arranged WEB BASED Vay A Rodman

SAFETY 789 READINGS AND RESEARCH IN SAFETY ... Students will examine research and professional issues and apply the information to a problem of their choice. This course will be required of students who choose the non-thesis option of the M.S. in Safety. In lieu of a thesis, students will complete this course and 33 additional graduate credits. This course will provide a "capstone" graduate program experience.

#2455 Section 01 [units: 3]

09/02-12/22 Arranged Arranged Sang D Choi

#2457 Section 02 [units: 3]

09/02-12/22 Arranged Arranged Edward A Kapp

#2459 Section 03 [units: 3]

09/02-12/22 Arranged Arranged David L Nordstrom

#2461 Section 04 [units: 3]

09/02-12/22 Arranged Arranged Vay A Rodman

#2495 Section 05 [units: 3]

09/02-12/22 Arranged Arranged Alvaro D Taveira

#5356 Section 06 [units: 3]

09/02-12/22 Arranged Arranged Hong Wang

SAFETY 793 PRACTICUM ... Safety Studies Practicum.

#2479 Section 01 [units: 1-6]

09/02-12/22 Arranged Arranged Edward A Kapp

P/F Grading Basis Only

SAFETY 798 INDIVIDUAL STUDIES ... Study of a selected topic or topics under the direction of a faculty member.

#2463 Section 01 [units: 1-3]

09/02-12/22 Arranged Arranged Sang D Choi

#2465 Section 02 [units: 1-3]

09/02-12/22 Arranged Arranged Edward A Kapp

#2467 Section 03 [units: 1-3]

09/02-12/22 Arranged Arranged David L Nordstrom

#2469 Section 04 [units: 1-3]

09/02-12/22 Arranged Arranged Vay A Rodman

#2497 Section 05 [units: 1-3]

09/02-12/22 Arranged Arranged Alvaro D Taveira

#5423 Section 06 [units: 1-3]

09/02-12/22 Arranged Arranged Hong Wang

SAFETY 799 THESIS RESEARCH ... Students must complete a Thesis Proposal Form in the Graduate Studies Office before registering for this course.

#2471 Section 01 [units: 1-6]

09/02-12/22 Arranged Arranged Sang D Choi

P/F Grading Basis Only

#2473 Section 02 [units: 1-6]

09/02-12/22 Arranged Arranged Edward A Kapp

P/F Grading Basis Only

#2475 Section 03 [units: 1-6]

09/02-12/22 Arranged Arranged David L Nordstrom

P/F Grading Basis Only

#2477 Section 04 [units: 1-6]

09/02-12/22 Arranged Arranged Vay A Rodman

P/F Grading Basis Only

#2499 Section 05 [units: 1-6]

09/02-12/22 Arranged Arranged Alvaro D Taveira

P/F Grading Basis Only

#5427 Section 06 [units: 1-6]

09/02-12/22 Arranged Arranged Hong Wang

P/F Grading Basis Only