

# Course Schedule - Fall 2006

## Aviation

### 090 **Orientation Refresher** Credit: 0 hours.

Course provides the student with additional aeronautical experience to develop the required proficiency to successfully complete the objectives of a flight course, pilot certificate, or aircraft rating. The flight hours may be divided between dual instruction or solo flight as required to meet the student's needs. The amount of dual vs. solo time and aircraft to be used will be determined by the chief pilot. Students enrolled in this course will also participate in up to 5 hours of research flight experiments. Approved for S/U grading only. Prerequisite: Consent of director. May be repeated.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required.

CRN	Type	Section	Time	Days	Location	Instructor
37152	bus transportation	FA	05:40 AM - 05:59 AM	MWF		Phillips, S
37152: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FA	06:00 AM - 08:00 AM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37153	bus transportation	FB	07:40 AM - 07:59 AM	MWF		Phillips, S
37153: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FB	08:00 AM - 10:00 AM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37154	bus transportation	FC	09:40 AM - 09:59 AM	MWF		Phillips, S
37154: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FC	10:00 AM - 12:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37155	bus transportation	FD	12:40 PM - 12:59 PM	MWF		Phillips, S
37155: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FD	01:00 PM - 03:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37156	bus transportation	FE	02:40 PM - 02:59 PM	MWF		Phillips, S
37156: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						

	FL	FE	03:00 PM - 05:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37157	bus transportation	FF	04:40 PM - 04:59 PM	MWF		Phillips, S
37157: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FF	05:00 PM - 07:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37158	bus transportation	FG	05:40 AM - 05:59 AM	TRS		Phillips, S
37158: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FG	06:00 AM - 07:59 AM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37159	bus transportation	FH	07:40 AM - 07:59 AM	TRS		Phillips, S
37159: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FH	08:00 AM - 10:00 AM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37160	bus transportation	FI	09:40 AM - 09:59 AM	TRS		Phillips, S
37160: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FI	10:00 AM - 12:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37161	bus transportation	FJ	12:40 PM - 12:59 PM	TRS		Phillips, S
37161: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FJ	01:00 PM - 03:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37163	bus transportation	FK	02:40 PM - 02:59 PM	TRS		Phillips, S
37163: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FK	03:00 PM - 05:00 PM	TRS		Phillips, S

: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
37165	bus transportation	FL	04:40 PM - 04:59 PM	TRS		Phillips, S
37165: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						
	FL	FL	05:00 PM - 07:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 2,909.00 dollars.						

**100 *Intro to Aviation* Credit: 1 hours.**

A weekly class for students who are new to the Institute of Aviation. Provides an overview of field as well as institution-specific information. Approved for both letter and S/U grading.

CRN	Type	Section	Time	Days	Location	Instructor
43807	lecture-discussion	A	08:00 AM - 08:50 AM	F	room 252 Mechanical Engineering Bldg	Phillips, S
43807: Departmental Approval RequiredMeets 23-Aug-06 - 13-Oct-06.						
45785	lecture-discussion	B	09:00 AM - 09:50 AM	F	room 252 Mechanical Engineering Bldg	Phillips, S
45785: Departmental Approval RequiredMeets 23-Aug-06 - 13-Oct-06.						
45787	lecture-discussion	C	10:00 AM - 10:50 AM	F	room 252 Mechanical Engineering Bldg	Phillips, S
45787: Departmental Approval RequiredMeets 23-Aug-06 - 13-Oct-06.						

**101 *Private Pilot, I* Credit: 3 hours.**

The first of a two course sequence to prepare for FAA Private Pilot certification. Includes classroom instruction on aerodynamics, airplane systems, airport and airplane operations, federal regulations and airplane safety. Also includes 26.4 hours of flight training and 3 hours in a flight simulator in the flight laboratory. Students enrolling in this course will also participate in up to 5 hours of research flight experiments. Private Pilot certification requires the completion of AVI 120. Prerequisite: Consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37099	lecture-discussion	AE1	03:30 PM - 05:00 PM	MW	room 106B3 Engineering Hall	Hinebaugh, K
37099: Departmental Approval Required						
37101	lecture-discussion	AE2	03:30 PM - 05:00 PM	TR	room 106B3 Engineering Hall	Talleur, D

37101: Departmental Approval Required						
37109	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37109: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						
37110	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37110: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						
37111	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37111: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						
37112	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37112: Departmental Approval Required						
	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						
37147	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37147: Departmental Approval Required						
	FL	AFH	08:00 AM - 10:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						
37148	bus	AFI	09:40 AM - 09:59 AM	TRS		

	transportation		AM			
37148: Departmental Approval Required						
	FL	AFI	10:00 AM - 12:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						
37149	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37149: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						
37150	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37150: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,423.00 dollars.						

### 120 **Private Pilot, II** Credit: 3 hours.

Second of a two course sequence to prepare for FAA Private Pilot certification. Includes classroom instruction on airplane operation, navigation, night flying and meteorology. Includes 34.5 hours of flight training and 3 hours in a flight simulator in the flight laboratory. Students enrolling in this course will also participate in up to 5 hours of research flight experiments. Students successfully completing final examinations will be issued a Private Pilot certificate. Credit is not given for both AVI 120 and AVI 121. Prerequisite: AVI 101 and consent of director.

Departmental approval by Chief of Pilot Training is required. Additional Flight Fee is Required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37166	lecture-discussion	AE1	08:00 AM - 09:30 AM	TR	room 335 Mechanical Engineering Bldg	West, L
37166: Departmental Approval Required						
37169	bus transportation	AFA	05:40 AM - 05:59 AM	MWF		
37169: Departmental Approval Required						
	FL	AFA	06:00 AM - 08:00 AM	MWF		

: Departmental Approval Required

: UIUC Flight Fee 4,422.00 dollars.

37170	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
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37170: Departmental Approval Required

	FL	AFB	08:00 AM - 10:00 AM	MWF		
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: Departmental Approval Required

: UIUC Flight Fee 4,422.00 dollars.

37171	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
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37171: Departmental Approval Required

	FL	AFC	10:00 AM - 12:00 PM	MWF		
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: Departmental Approval Required

: UIUC Flight Fee 4,422.00 dollars.

37172	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
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37172: Departmental Approval Required

	FL	AFD	01:00 PM - 03:00 PM	MWF		
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: Departmental Approval Required

: UIUC Flight Fee 4,422.00 dollars.

37173	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
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37173: Departmental Approval Required

	FL	AFE	03:00 PM - 05:00 PM	MWF		
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: Departmental Approval Required

: UIUC Flight Fee 4,422.00 dollars.

37176	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
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37176: Departmental Approval Required

	FL	AFI	10:00 AM - 12:00 PM	TRS		
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: Departmental Approval Required

: UIUC Flight Fee 4,422.00 dollars.

37177	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37177: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 4,422.00 dollars.						
37178	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37178: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 4,422.00 dollars.						

**121 Private Pilot, Requalification** Credit: 2 hours.

Forty-five classroom hour transitional course for students entering the Institute with a Private Pilot certificate who desire to continue in the Commercial-instrument sequence (AVI 130 through 210/211). Includes instruction on airplane operations, navigation, and meteorology. Includes 17 hours of flight training and 3 hours in a flight simulator in the flight laboratory. Students enrolling in this course will also participate in up to 5 hours of research flight experiments Credit is not given for both AVI 120 and AVI 121. Prerequisite: Private Pilot certificate (with a minimum of 60 hours of flight), and consent of director.

Departmental approval by Chief of Pilot Training is required. Additional Flight Fee is Required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37180	lecture-discussion	AE1	08:00 AM - 09:30 AM	TR	room 335 Mechanical Engineering Bldg	West, L
37180: Departmental Approval Required						
37181	bus transportation	AFA	05:40 AM - 05:59 AM	MWF		
37181: Departmental Approval Required						
	FL	AFA	06:00 AM - 08:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37182	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37182: Departmental Approval Required						

	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37232	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37232: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37234	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37234: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37236	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37236: Departmental Approval Required						
	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37239	bus transportation	AFF	04:40 PM - 04:59 PM	MWF		
37239: Departmental Approval Required						
	FL	AFF	05:00 PM - 07:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37244	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
37244: Departmental Approval Required						
	FL	AFI	10:00 AM - 12:00 PM	TRS		

: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37247	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37247: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37248	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37248: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						
37249	bus transportation	AFL	04:40 PM - 04:59 PM	TRS		
37249: Departmental Approval Required						
	FL	AFL	05:00 PM - 07:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 2,129.00 dollars.						

**130 Commercial - Instrument, I** Credit: 3 hours.

First of a two course sequence to prepare the private pilot for the instrument rating; reviews cross-country flight with an emphasis on instrument approaches and enroute instrument procedures; includes 45 hours classroom instruction on instrument flying, navigation, aircraft instruments, and regulations. Includes 28.2 hours of flight training and 8 hours in a flight simulator in the flight laboratory. Students enrolling in this course will also participate in up to 5 hours of research flight experiments. Issuance of the instrument rating requires completion of AVI 140. Prerequisite: AVI 120 or AVI 121, and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37250	lecture-discussion	AE1	03:30 PM - 04:50 PM	MW	room 229 Natural History Bldg	Jones, W
37250: Departmental Approval Required						
37251	bus transportation	AFA	05:40 AM - 05:59 AM	MWF		

37251: Departmental Approval Required						
	FL	AFA	06:00 AM - 08:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37252	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37252: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37253	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37253: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37254	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37254: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37255	bus transportation	AFG	05:40 AM - 05:59 AM	TRS		
37255: Departmental Approval Required						
	FL	AFG	06:00 AM - 08:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37256	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37256: Departmental Approval Required						
	FL	AFH	08:00 AM - 10:00	TRS		

			AM			
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37257	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
37257: Departmental Approval Required						
	FL	AFI	10:00 AM - 12:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37258	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37258: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37259	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37259: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						
37260	bus transportation	AFL	04:40 PM - 04:59 PM	TRS		
37260: Departmental Approval Required						
	FL	AFL	05:00 PM - 07:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,980.00 dollars.						

**140 Commercial - Instrument, II** Credit: 3 hours.

Second of a two course sequence to prepare the private pilot for the instrument rating. Includes forty-five hours classroom instruction on advanced maneuvers, aerodynamics, navigation, and aircraft systems. Includes 30.2 hours of flight training and 8 hours in a flight simulator in the flight laboratory. Students enrolling in this course will also participate in up to 5 hours of research flight experiments Prerequisite: AVI 130 and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37261	lecture-discussion	AE1	10:30 AM - 11:50 AM	MWF	room 1105 Siebel Center for Comp Sci	Lucas, D
37261: Departmental Approval Required						
37262	bus transportation	AFA	05:40 AM - 05:59 AM	MWF		
37262: Departmental Approval Required						
	FL	AFA	06:00 AM - 08:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37263	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37263: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37264	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37264: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37265	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37265: Departmental Approval Required						
	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37267	bus transportation	AFF	04:40 PM - 04:59 PM	MWF		
37267: Departmental Approval Required						

	FL	AFF	05:00 PM - 07:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37268	bus transportation	AFG	05:40 AM - 05:59 AM	TRS		
37268: Departmental Approval Required						
	FL	AFG	06:00 AM - 08:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37269	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37269: Departmental Approval Required						
	FL	AFH	08:00 AM - 10:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37271	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
37271: Departmental Approval Required						
	FL	AFI	10:00 AM - 12:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37273	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37273: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37274	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37274: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		

: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						
37276	bus transportation	AFL	04:40 PM - 04:59 PM	TRS		
37276: Departmental Approval Required						
	FL	AFL	05:00 PM - 07:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 4,212.00 dollars.						

**184 Aircraft Systems for Pilots** Credit: 3 hours.

Basic aircraft systems, their components, and theory of operation. Familiarization of Federal Aviation Administration maintenance rules and regulations applicable to pilots.

CRN	Type	Section	Time	Days	Location	Instructor
30277	lecture-discussion	A	03:15 PM - 04:50 PM	TR	room ARR Willard Airport	West, L

**199 Undergraduate Open Seminar** Credit: 1 to 5 hours.

May be repeated.

CRN	Type	Section	Time	Days	Location	Instructor
10397	independent study		ARRANGED			
10397: Instructor Approval Required						

**200 Commercial Pilot, I** Credit: 4 hours.

Advanced course in preparation toward the FAA Commercial Pilot Certification. Includes 39.5 hours of flight (22.5 hours dual, 15.5 hours solo, and 1.5 hour flight exam), and 6 hours in a Flight Training Device. Includes 45 hours of classroom instruction covering cross country procedures, appropriate federal aviation regulations, maintenance inspections, and pilot responsibilities. Emphasis is on complex airplane operation and instrument flying procedures. Successful completion is required prior to enrolling in AVI 210 (or AVI 211). Students enrolling in this course will also participate in up to 5 hours of aviation research experiments conducted by Institute of Aviation staff. Prerequisite: Successful completion of AVI 140 and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37280	lecture-discussion	AE1	10:30 AM - 11:50 AM	TR	room 203 Transportation	Quirk, R

					Bldg	
37280: Departmental Approval Required						
37293	bus transportation	AFA	05:40 AM - 05:59 AM	MWF		
37293: Departmental Approval Required						
	FL	AFA	06:00 AM - 08:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37296	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37296: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37298	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37298: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37301	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37301: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37304	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37304: Departmental Approval Required						
	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						

37307	bus transportation	AFF	04:40 PM - 04:59 PM	MWF		
37307: Departmental Approval Required						
	FL	AFF	05:00 PM - 07:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37309	bus transportation	AFG	05:40 AM - 05:59 AM	TRS		
37309: Departmental Approval Required						
	FL	AFG	06:00 AM - 08:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37311	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37311: Departmental Approval Required						
	FL	AFH	08:00 AM - 10:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37313	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37313: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37315	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37315: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						
37318	bus transportation	AFL	04:40 PM - 04:59 PM	TRS		

37318: Departmental Approval Required						
	FL	AFL	05:00 PM - 07:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,719.00 dollars.						

**210 Commercial Pilot, II** Credit: 4 hours.

Final course in a series of advanced lecture/flight courses in preparation for the FAA Commercial Pilot Certificate with Instrument Rating. Includes 38.7 hours of flight (21.5 hours dual, 15.7 hours solo, 1.5 hour flight exam), and 7 hours in a Flight Training Device. Includes 45 hours of classroom instruction covering cross country procedures appropriate federal aviation regulations, commercial maneuvers, and pilot responsibilities. Emphasis is on complex airplane operation and commercial maneuvers. Students enrolling in this course will also participate in up to 5 hours of aviation research experiments conducted by Institute of Aviation staff. Credit is not given for both AVI 210 and AVI 211. Prerequisite: Successful completion of AVI 200 and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37319	lecture-discussion	AE1	01:00 PM - 02:20 PM	TR	room 335 Mechanical Engineering Bldg	Suppok, R
37319: Departmental Approval Required						
37332	bus transportation	AFA	05:40 AM - 05:59 AM	MWF		
37332: Departmental Approval Required						
	FL	AFA	06:00 AM - 08:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,678.00 dollars.						
37333	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37333: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 5,678.00 dollars.						
37334	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37334: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		

: Departmental Approval Required

: UIUC Flight Fee 5,678.00 dollars.

37335	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
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37335: Departmental Approval Required

	FL	AFD	01:00 PM - 03:00 PM	MWF		
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: Departmental Approval Required

: UIUC Flight Fee 5,678.00 dollars.

37336	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
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37336: Departmental Approval Required

	FL	AFE	03:00 PM - 05:00 PM	MWF		
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: Departmental Approval Required

: UIUC Flight Fee 5,678.00 dollars.

37337	bus transportation	AFF	04:40 PM - 04:59 PM	MWF		
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37337: Departmental Approval Required

	FL	AFF	05:00 PM - 07:00 PM	MWF		
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: Departmental Approval Required

: UIUC Flight Fee 5,678.00 dollars.

41247	bus transportation	AFG	05:40 AM - 05:59 AM	TRS		
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41247: Departmental Approval Required

	FL	AFG	06:00 AM - 08:00 AM	TRS		
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: Departmental Approval Required

: UIUC Flight Fee 5,678.00 dollars.

37338	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
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37338: Departmental Approval Required

	FL	AFH	08:00 AM - 10:00 AM	TRS		
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: Departmental Approval Required

: UIUC Flight Fee 5,678.00 dollars.

37339	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
37339: Departmental Approval Required						
	FL	AFI	10:00 AM - 12:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,678.00 dollars.						
37340	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37340: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,678.00 dollars.						
37341	bus transportation	AFL	04:40 PM - 04:59 PM	TRS		
37341: Departmental Approval Required						
	FL	AFL	05:00 PM - 07:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 5,678.00 dollars.						

**225 Aviation Weather** Credit: 3 hours.

Provides knowledge of weather related to aviation operations for aviation professionals. Includes interpretation of aviation reports, charts, forecasts, other weather information, and human factor issues related to safe weather decision making in numerous scenarios and applications. Prerequisite: AVI 120 or AVI 121.

CRN	Type	Section	Time	Days	Location	Instructor
47666	lecture-discussion	A	01:00 PM - 02:30 PM	MW	room 1109 Siebel Center for Comp Sci	Talleur, D

**320 Flight Instructor-Airplane** Credit: 3 hours.

Prepares the commercial pilot for an FAA Flight Instructor (Airplane) certificate. Includes forty-five hours classroom instruction on fundamentals of teaching, student motivation, blocks to learning, stress, cognitive approaches to learning, flight instructor duties/responsibilities, lesson planning and development, aerodynamics, and pertinent federal aviation regulations. Includes 22 hours of flight training and instruction and three hours in flight simulator teaching techniques in the flight laboratory. Also includes a one hour flight check for course completion. Students enrolling in this course will also participate in up to 5 hours of research flight experiments Prerequisite: Commercial Pilot certificate with instrument rating and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37342	lecture-discussion	AE1	03:30 PM - 05:00 PM	TR	room 252 Mechanical Engineering Bldg	Boyd, D
37342: Departmental Approval Required						
37343	bus transportation	AFA	05:40 AM - 05:59 AM	MWF		
37343: Departmental Approval Required						
	FL	AFA	06:00 AM - 08:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
37344	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37344: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
37345	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37345: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
37346	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37346: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
37347	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37347: Departmental Approval Required						

	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
41323	bus transportation	AFF	04:40 PM - 04:59 PM	MWF		
41323: Departmental Approval Required						
	FL	AFF	05:00 PM - 07:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
41331	bus transportation	AFG	05:40 AM - 05:59 AM	TRS		
41331: Departmental Approval Required						
	FL	AFG	06:00 AM - 08:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
37348	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37348: Departmental Approval Required						
	FL	AFH	08:00 AM - 10:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
37349	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
37349: Departmental Approval Required						
	FL	AFI	10:00 AM - 12:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 3,598.00 dollars.						
37353	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37353: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		

: Departmental Approval Required

: UIUC Flight Fee 3,598.00 dollars.

### 322 **Instrument Flight Instructor** Credit: 1 hours.

Provides the instruction and supervised training for the addition of the Instrument-Airplane rating to the Flight Instructor certificate. Reviews instrument operations with an emphasis on the instructional aspects of these operations. Includes five hours of flight simulator instruction, eleven hours of flight instruction and supervised training, four hours of discussion and a one hour flight test. Students enrolling in this course will also participate in up to 5 hours of research flight experiments. Prerequisite: Commercial Pilot certificate with instrument rating; flight instructor-airplane certificate or concurrent enrollment in AVI 320; and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required.

CRN	Type	Section	Time	Days	Location	Instructor
45311	bus transportation	FA	05:40 AM - 05:59 AM	MWF		Phillips, S
45311: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
	FL	FA	06:00 AM - 08:00 AM	MWF		Phillips, S
: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
37354	bus transportation	FB	07:40 AM - 07:59 AM	MWF		Phillips, S
37354: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
	FL	FB	08:00 AM - 10:00 AM	MWF		Phillips, S
: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
37355	bus transportation	FC	09:40 AM - 09:59 AM	MWF		Phillips, S
37355: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
	FL	FC	10:00 AM - 12:00 PM	MWF		Phillips, S
: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
37356	bus transportation	FD	12:40 PM - 12:59 PM	MWF		Phillips, S
37356: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
	FL	FD	01:00 PM - 03:00 PM	MWF		Phillips, S
: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						
37357	bus transportation	FE	02:40 PM - 02:59 PM	MWF		Phillips, S
37357: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.						

	FL	FE	03:00 PM - 05:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
45309	bus transportation	FF	04:40 PM - 04:59 PM	MWF		Phillips, S
45309: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
	FL	FF	05:00 PM - 07:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
45310	bus transportation	FG	05:40 AM - 05:59 AM	TRS		Phillips, S
45310: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
	FL	FG	06:00 AM - 08:00 AM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
37358	bus transportation	FH	07:40 AM - 07:59 AM	TRS		Phillips, S
37358: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
	FL	FH	08:00 AM - 10:00 AM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
37359	bus transportation	FI	09:40 AM - 09:59 AM	TRS		Phillips, S
37359: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
	FL	FI	10:00 AM - 12:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
37361	bus transportation	FJ	12:40 PM - 12:59 PM	TRS		Phillips, S
37361: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
	FL	FJ	01:00 PM - 03:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
37362	bus transportation	FK	02:40 PM - 02:59 PM	TRS		Phillips, S
37362: Departmental Approval RequiredUIUC Flight Fee 1,945.00 dollars.						
	FL	FK	03:00 PM - 05:00 PM	TRS		Phillips, S

: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.

45313	bus transportation	FL	04:40 PM - 04:59 PM	TRS		Phillips, S
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45313: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.

	FL	FL	05:00 PM - 07:00 PM	TRS		Phillips, S
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: Departmental Approval Required UIUC Flight Fee 1,945.00 dollars.

**350 Practice Teaching-Airplane** Credit: 3 hours.

Practice teaching using classroom, audiovisual materials, flight simulators, and airplanes; prepares the certified flight instructor to teach in all modes of aviation education. A minimum of 2 hours of classroom lecture, 3 hours of simulator instruction, and from 1 to 19 hours of airplane instruction is given by the student; an additional 20 hours of classroom lecture-discussion clarifies and explains the proper methods of aviation instruction Prerequisite: AVI 320 and flight instructor certificate; junior standing; recommendation from AVI 320 flight instructor; and consent of director.

Departmental approval by Chief of Pilot Training is required.

CRN	Type	Section	Time	Days	Location	Instructor
30286	conference	AC1	12:00 PM - 12:50 PM	F		Wofford, M
30286: Departmental Approval Required						
30289	lecture-discussion	AE1	01:00 PM - 01:50 PM	TR	room 203 Transportation Bldg	Wofford, M
30289: Departmental Approval Required						
30282	FL	AF1	ARRANGED			
30282: Departmental Approval Required						

**358 Human Factors** Credit: 4 hours.

Same as IE 340, and PSYC 358. See PSYC 358.

Priority given to Aviation, Industrial Engineering, and Engineering Psychology majors. Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
38100	laboratory	AB1	09:00 AM - 09:50 AM	T	room 1001 Mechanical Engineering Lab	
38102	laboratory	AB2	10:00 AM - 10:50 AM	T	room 1001 Mechanical Engineering Lab	
38103	laboratory	AB3	11:00 AM - 11:50 AM	T	room 1001	

			AM		Mechanical Engineering Lab	
38104	lecture	AL1	09:00 AM - 09:50 AM	MWF	room 23 Psychology Building	Rantanen, E
38105	laboratory	BB1	09:00 AM - 09:50 AM	R	room 1001 Mechanical Engineering Lab	
38106	laboratory	BB2	11:00 AM - 11:50 AM	R	room 1001 Mechanical Engineering Lab	
38107	laboratory	BB3	03:00 PM - 03:50 PM	R	room 1001 Mechanical Engineering Lab	
38108	lecture	BL1	03:30 PM - 04:45 PM	MW	room 106B8 Engineering Hall	Lee, Y

**380 *Multiengine Land* Credit: 1 hours.**

Prepares the commercial pilot for an FAA multiengine land airplane rating; 18 hours of discussion and 15 hours of flight in a multiengine airplane (13 hours dual instruction, one-half hour solo, plus 1.5 hours check ride for qualified individuals). Students enrolling in this course will also participate in up to 5 hours of research flight experiments conducted by Institute of Aviation staff. Prerequisite: Commercial Pilot certificate and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required.

CRN	Type	Section	Time	Days	Location	Instructor
37381	bus transportation	FA	05:40 AM - 05:59 AM	MWF		Phillips, S
37381: Departmental Approval Required						
	FL	FA	06:00 AM - 08:00 AM	MWF		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37382	bus transportation	FB	07:40 AM - 07:59 AM	MWF		Phillips, S
37382: Departmental Approval Required						
	FL	FB	08:00 AM - 10:00 AM	MWF		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37384	bus transportation	FC	09:40 AM - 09:59 AM	MWF		Phillips, S
37384: Departmental Approval Required						

	FL	FC	10:00 AM - 12:00 PM	MWF		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37385	bus transportation	FD	12:40 PM - 12:59 PM	MWF		Phillips, S
37385: Departmental Approval Required						
	FL	FD	01:00 PM - 03:00 PM	MWF		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37387	bus transportation	FE	02:40 PM - 02:59 PM	MWF		Phillips, S
37387: Departmental Approval Required						
	FL	FE	03:00 PM - 05:00 PM	MWF		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37388	bus transportation	FF	04:40 PM - 04:59 PM	MWF		Phillips, S
37388: Departmental Approval Required						
	FL	FF	05:00 PM - 07:00 PM	MWF		Phillips, S
: Departmental Approval Required						
41248	bus transportation	FG	05:40 AM - 05:59 AM	TRS		Phillips, S
41248: Departmental Approval Required						
	FL	FG	06:00 AM - 08:00 AM	TRS		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37392	bus transportation	FH	07:40 AM - 07:59 AM	TRS		Phillips, S
37392: Departmental Approval Required						
	FL	FH	08:00 AM - 10:00 AM	TRS		Phillips, S
: Departmental Approval Required						

: UIUC Flight Fee 4,588.00 dollars.						
37395	bus transportation	FI	09:40 AM - 09:59 AM	TRS		Phillips, S
37395: Departmental Approval Required						
	FL	FI	10:00 AM - 12:00 PM	TRS		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37396	bus transportation	FJ	12:40 PM - 12:59 PM	TRS		Phillips, S
37396: Departmental Approval Required						
	FL	FJ	01:00 PM - 03:00 PM	TRS		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37397	bus transportation	FK	02:40 PM - 02:59 PM	TRS		Phillips, S
37397: Departmental Approval Required						
	FL	FK	03:00 PM - 05:00 PM	TRS		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						
37400	bus transportation	FL	04:40 PM - 04:59 PM	TRS		Phillips, S
37400: Departmental Approval Required						
	FL	FL	05:00 PM - 07:00 PM	TRS		Phillips, S
: Departmental Approval Required						
: UIUC Flight Fee 4,588.00 dollars.						

**381 Cockpit Resource Management** Credit: 3 hours.

Examines societal/cultural, industry, governmental regulatory agency, organizational, group, and individual influences on cockpit behavior and cockpit resource management. Two 90 minute lecture/discussion and one two-hour laboratory/flight periods each week. Laboratory and flight sections use multi-engine flight simulators and multi-engine aircraft. Students will gain experience flying preplanned scenarios in both aircraft and simulators. Materials from lecture/discussions will be emphasized in flights. Prerequisite: Multi-engine instrument rating; junior standing and consent of director.

Additional \$1,107 Flight Fee, subject to Board of Trustee approval, is Required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37402	lecture-discussion	AE1	10:30 AM - 12:00 PM	TR	room ARR Willard Airport	Von Thaden, T; Unander, S
37402: Departmental Approval Required						
37409	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37409: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 1,107.00 dollars.						
37412	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37412: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 1,107.00 dollars.						
37718	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37718: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 1,107.00 dollars.						
37719	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37719: Departmental Approval Required						
	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 1,107.00 dollars.						
37731	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37731: Departmental Approval Required						
	FL	AFH	08:00 AM - 10:00 AM	TRS		

: Departmental Approval Required						
: UIUC Flight Fee 1,107.00 dollars.						
37734	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37734: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 1,107.00 dollars.						
37736	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37736: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 1,107.00 dollars.						

**384 Jet Aircraft System and Ops, I** Credit: 3 hours.

Operator-oriented study of modern turbo-prop and pure turbine aircraft systems and operation procedures, including aerodynamic performance, fault diagnosis and troubleshooting procedures, and emergency procedures. Prerequisite: AVI 184, AVI 200, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
41246	lecture	A1	10:30 AM - 12:00 PM	WF	room ARR Willard Airport	Unander, S

**391 Special Flight Ratings** Credit: 0 hours.

Consists of aeronautical experience that can be used for special FAA certificates and/or ratings such as Airline Transport Pilot or Rotorcraft-helicopter. Course may also be used for specialized flight such as advanced multi-engine operations. Sixteen hours of discussion and a variable number of hours of flight instruction (dual and/or solo) to meet the individual needs of the student. Students enrolling in this course will also participate in up to five hours of research flight experiments conducted by the Institute of Aviation staff. Approved for S/U grading only. Prerequisite: Pilot certificate, and consent of director.

Additional Flight Fee is Required. Departmental approval by Chief of Pilot Training is required.

CRN	Type	Section	Time	Days	Location	Instructor
37745	bus transportation	FA	05:40 AM - 05:59 AM	MWF		Phillips, S
37745: Departmental Approval Required UIUC Flight Fee 3,887.00 dollars.						

	FL	FA	06:00 AM - 08:00 AM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37747	bus transportation	FB	07:40 AM - 07:59 AM	MWF		Phillips, S
37747: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FB	08:00 AM - 10:00 AM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37748	bus transportation	FC	09:40 AM - 09:59 AM	MWF		Phillips, S
37748: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FC	10:00 AM - 12:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37749	bus transportation	FD	12:40 PM - 12:59 PM	MWF		Phillips, S
37749: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FD	01:00 PM - 03:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37751	bus transportation	FE	02:40 PM - 02:59 PM	MWF		Phillips, S
37751: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FE	03:00 PM - 05:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37752	bus transportation	FF	04:40 PM - 04:59 PM	MWF		Phillips, S
37752: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FF	05:00 PM - 07:00 PM	MWF		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37758	bus transportation	FG	05:40 AM - 05:59 AM	TRS		Phillips, S
37758: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FG	06:00 AM - 08:00 AM	TRS		Phillips, S

: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37753	bus transportation	FH	07:40 AM - 07:59 AM	TRS		Phillips, S
37753: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FH	08:00 AM - 10:00 AM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37754	bus transportation	FI	09:40 AM - 09:59 AM	TRS		Phillips, S
37754: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FI	10:00 AM - 12:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37756	bus transportation	FJ	12:40 PM - 12:59 PM	TRS		Phillips, S
37756: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FJ	01:00 PM - 03:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
37757	bus transportation	FK	02:40 PM - 02:59 PM	TRS		Phillips, S
37757: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						
	FL	FK	03:00 PM - 05:00 PM	TRS		Phillips, S
: Departmental Approval RequiredUIUC Flight Fee 3,887.00 dollars.						

**392 Flight Instructor CFII and ME** Credit: 3 hours.

Provides the instruction and supervised training for the addition of the Instrument Airplane and Airplane Multiengine ratings to the Flight Instructor certificate. Reviews instrument operations and multiengine operations with an emphasis on the instructional aspects of these operations. Includes 25 hours of instruction and 45 hours classroom. Prerequisite: AVI 320 and AVI 380. Students may not receive credit for this course and for AVI 322.

Additional Flight Fee is Required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37761	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
37761: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
	FL	AFB	08:00 AM - 10:00 AM	MWF		

: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
37763	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37763: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
37765	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37765: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
37766	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37766: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
37767	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37767: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
	FL	AFH	08:00 AM - 10:00 AM	TRS		
: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
37768	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
37768: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
	FL	AFI	10:00 AM - 12:00 PM	TRS		
: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
37769	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37769: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval RequiredUIUC Flight Fee 6,823.00 dollars.						

**393 Turboprop Pilot Orientation** Credit: 3 hours.

Introduction to multi-engine turboprop airplane operations. Forty-five hours of lecture-discussion, and 16 hours (as pilot and co-pilot) of simulated flight in a Frasca 242T Turboprop aircraft simulator or equivalent. Includes turbine engine theory and operation, normal and emergence procedures, performance calculations, and crew coordination  
Prerequisite: AVI 184, AVI 380, AVI 381, and consent of director.

Additional Flight Fee is Required. Students must register for one lecture-discussion and one flight section.

CRN	Type	Section	Time	Days	Location	Instructor
37771	lecture-discussion	AE	07:00 PM - 10:00 PM	T	room ARR Willard Airport	Wofford, M
37771: Departmental Approval Required						
47740	bus transportation	AFA	04:40 PM - 04:59 PM	MWF		
47740: Departmental Approval Required						
	FL	AFA	05:00 PM - 07:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
40974	bus transportation	AFB	07:40 AM - 07:59 AM	MWF		
40974: Departmental Approval Required						
	FL	AFB	08:00 AM - 10:00 AM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
37773	bus transportation	AFC	09:40 AM - 09:59 AM	MWF		
37773: Departmental Approval Required						
	FL	AFC	10:00 AM - 12:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
37774	bus transportation	AFD	12:40 PM - 12:59 PM	MWF		
37774: Departmental Approval Required						
	FL	AFD	01:00 PM - 03:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						

37776	bus transportation	AFE	02:40 PM - 02:59 PM	MWF		
37776: Departmental Approval Required						
	FL	AFE	03:00 PM - 05:00 PM	MWF		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
37777	bus transportation	AFH	07:40 AM - 07:59 AM	TRS		
37777: Departmental Approval Required						
	FL	AFH	08:00 AM - 10:00 AM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
37778	bus transportation	AFI	09:40 AM - 09:59 AM	TRS		
37778: Departmental Approval Required						
	FL	AFI	10:00 AM - 12:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
37780	bus transportation	AFJ	12:40 PM - 12:59 PM	TRS		
37780: Departmental Approval Required						
	FL	AFJ	01:00 PM - 03:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
37781	bus transportation	AFK	02:40 PM - 02:59 PM	TRS		
37781: Departmental Approval Required						
	FL	AFK	03:00 PM - 05:00 PM	TRS		
: Departmental Approval Required						
: UIUC Flight Fee 901.00 dollars.						
37782	bus transportation	AFL	04:40 PM - 04:59 PM	TRS		

37782: Departmental Approval Required

FL	AFL	05:00 PM - 07:00 PM	TRS		
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: Departmental Approval Required

: UIUC Flight Fee 901.00 dollars.

**455 Aviation Accident Analysis** Credit: 2 to 4 hours.

Fundamental concepts of aviation safety augmentation with emphasis on accident prevention through accident investigation, casualty reduction through crashworthy design, and safety enhancement resulting from litigation; accident investigation techniques and crash survival design factors 3 undergraduate hours. 2 or 4 graduate hours. Prerequisite: AVI 101 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30292	lecture	A	01:00 PM - 02:50 PM	TR	room ARR Willard Airport	Von Thaden, T

**456 Hum Perf and Eng Psych** Credit: 3 or 4 hours.

Same as IE 445, and PSYC 456. See PSYC 456.

CRN	Type	Section	Time	Days	Location	Instructor
44056	lecture	AG4	10:30 AM - 11:45 AM	TR	room 29 Psychology Building	Morrow, D
44056: 4 hoursNOTE: Graduate Aviation students recommended to enroll in Section AG4 or BG4						
44055	lecture	AU3	10:30 AM - 11:45 AM	TR	room 29 Psychology Building	Morrow, D
44055: 3 hoursUndergraduate Aviation students recommended to enroll in Section AU3 or BU3						
41242	lecture	BG4	09:00 AM - 10:15 AM	TR	room 21 Psychology Building	McCarley, J
41242: 4 hoursGraduate Aviation students recommended to enroll in Section AG4 or BG4						
37984	lecture	BU3	09:00 AM - 10:15 AM	TR	room 21 Psychology Building	McCarley, J
37984: 3 hoursUndergraduate Aviation students recommended to enroll in Section AU3 or BU3.						

**497 Special Topics in Aviation** Credit: 2 to 4 hours.

Special topics in the field of aviation. May be repeated in subsequent terms only when separate topics are offered to a maximum of 12 hours. Prerequisite: AVI 495 or equivalent and junior standing; or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
47664	lecture	SU	01:00 PM - 02:30 PM	MW	room ARR Willard Airport	Unander, S
47664: TOPIC: Current Topics in Aviation. NOTE: FALL 2006 Section SU - Dept. approval is NOT required.						

**527 *Engineering Psychology*** Credit: 4 hours.  
Same as PSYC 527. See PSYC 527.

CRN	Type	Section	Time	Days	Location	Instructor
38081	lecture	A	10:00 AM - 11:15 AM	TR	room 508 Psychology Building	Kirlik, A

**590 *Individual Research*** Credit: 0 to 16 hours.

For graduate students who wish to conduct research on special problems not included in graduate thesis. Approved for S/U grading only. May be repeated to a maximum of 32 hours. Prerequisite: Graduate standing and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
48624	independent study	AC	ARRANGED			Cianciolo, A
48618	independent study	AK	ARRANGED			Kirlik, A
48627	independent study	ART	ARRANGED			Kramer, A
48623	independent study	BB	ARRANGED			Bailey, B
48619	independent study	DM	ARRANGED			Morrow, D
48620	independent study	DW	ARRANGED			Wiegmann, D
48621	independent study	ER	ARRANGED			Rantanen, E
48622	independent study	JM	ARRANGED			McCarley, J
48626	independent study	KK	ARRANGED			Karahalios, K
48628	independent study	NN	ARRANGED			Neogi, N
48603	independent	TVT	ARRANGED			Von Thaden, T

	study					
48625	independent study	WF	ARRANGED			Fu, W
48602	independent study	YL	ARRANGED			Lee, Y

**599 Thesis Research** Credit: 0 to 16 hours.

Thesis research. May be repeated to a maximum of 36 hours. Prerequisite: Graduate standing and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
48612	independent study	AC	ARRANGED			
48616	independent study	ART	ARRANGED			Kramer, A
48611	independent study	BB	ARRANGED			Bailey, B
48615	independent study	KK	ARRANGED			Karahalios, K
48617	independent study	NN	ARRANGED			Neogi, N
48614	independent study	WF	ARRANGED			Fu, W
48600	independent study	YL	ARRANGED			Lee, Y