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Associate Degrees

Harper College offers six associate degrees, five of which are designed for students who will transfer to a four-year college or university to complete a bachelor's degree. These are the Associate in Arts (A.A.), the Associate in Science (A.S.), the Associate in Fine Arts–Art (A.F.A.), the Associate in Fine Arts–Music (A.F.A.) and the Associate in Engineering Science (A.E.S.) degrees, which comprise the first two years of study toward degrees in a broad range of arts-related or science-related disciplines.

The sixth, the Associate in Applied Science (A.A.S.) degree, is awarded upon completion of a two-year career program, designed to prepare the graduate for immediate entry into a specific career field.

In addition to the graduation requirements listed below, each degree has its own requirements for credit hours to be completed in various groups of courses. These requirements are shown on five separate charts in this section of the Catalog.

Graduation Requirements

- 1) For associate degrees, attainment of a minimum of 60-67 semester hours of credit, at least 18 of which must be earned in attendance at Harper College and be in courses numbered 100 or above. For certificates of completion, 50 percent of required credit hours must be earned at Harper. Up to two hours credit in physical education activity courses (100 level) may be included as free electives in the minimum 60 required hours for an associate degree. A maximum of four semester hours of Independent Study credit may be included as free electives in the minimum 60 required hours for an associate degree.
- 2) Attainment of a minimum cumulative grade point average of 2.0 for all work required for the associate in arts and the associate in science, associate in fine arts and associate in engineering science degrees. Attainment of a minimum grade point average of 2.0 for any applicable 60 semester hours work for the associate in applied science degree and certificates.
- 3) Meet the constitution requirement of the Illinois State School Code. This can be met by (1) submitting an official Illinois high school transcript stating the requirement has been met, or (2) successfully completing PSC 101, or (3) passing a college administered test of the U.S. Constitution, Illinois Constitution, the proper use and display of the American flag and the principles of American democratic government.

- 4) Requirement of 60 hours must be in courses numbered 100 or above for the degrees of associate in arts, associate in science, associate in fine arts or associate in engineering science. (Courses below 100 level may be used only where A.A.S. program requires.)
- 5) Fulfillment of appropriate associate degree requirements as listed in the College catalog **at the time the student first enrolled or any catalog thereafter except for courses no longer offered.**
- 6) In addition to the above requirements, students enrolled in a specific career program will fulfill the requirements outlined in that program. Any changes in program requirements necessitated by licensing and/or accrediting agencies must be observed by students who are already admitted and in process in their programs.
- 7) A student must petition for graduation and pay the graduation fee of \$20.00. Notification of the student's intent to graduate will be accepted in the Registrar's Office no later than one week after the midterm of the semester in which the student intends to graduate. Students are encouraged to participate in the formal graduation ceremony in May. Students are encouraged to complete their petition for graduation when registering for the semester in which their graduation requirements will be fulfilled.

General Education

General education is that part of the college education that provides students with the foundations essential to lead personally fulfilling and responsible lives as productive citizens. General education cultivates the knowledge, skills and attitudes that educated persons use to shape their lives. It fosters the desire and capacity to continue learning throughout life. A general education "produces persons who are open-minded and free from provincialism, dogma, preconception, and ideology; conscious of their opinions and judgments; reflective of their actions; and aware of their place in the social and natural worlds."

An educated person is able to think clearly, communicate effectively, make reasoned and ethically aware judgments, respect human diversity, and connect and apply fields of knowledge. These general abilities are required by all areas of specialization. The breadth of general education complements the rigor and depth of specialized education.

If education is a journey, as many have conceived it, then the curriculum is a map. The Harper College general education curriculum requirements provide a selection of diverse courses. Following the map of general education ensures that a student's education is a coherent, comprehensive journey.

Transfer Programs

An important role of a community college is to provide programs of study allowing students to complete requirements for the first two years of a baccalaureate degree. Harper defines these programs as transfer programs.

As a guide for the student, the following programs of study leading to the associate in arts, associate in science, associate in fine arts-art, associate in fine arts-music or associate in engineering science degrees are recommended.

The programs are "recommended" in the sense that they are planned to provide students with the specific requirements of Harper's transfer degrees and the general requirements of the freshmen and sophomore years of most colleges and universities.

In most cases, students are better served by earning an A.A., A.S., A.F.A.–Art, A.F.A.–Music or A.E.S., degree before transfer. Individual baccalaureate-oriented credits earned at Harper College are also transferable to other institutions of higher learning.

Transfer students are responsible to know the specific requirements of the institutions they are considering for transfer and should consult with those institutions directly. In addition, students should make an appointment with a student development faculty member at Harper College. Ideally students should see a counselor to discuss their transfer plans prior to registering for courses each semester. Resource materials and counseling assistance are available in Harper's Student Development Centers in Building I, Room I117, Building D, Room D142 and Building A, Room A347.

Recommended programs of study are provided for the following areas:

- | | |
|--|---------------------------------------|
| • Accounting | Childhood |
| • Anthropology | • Education – Elementary |
| • Architecture | • Education – Secondary |
| • Art | • Education– Special Education |
| • Art Education | • Engineering |
| • Astronomy | • English |
| • Biological Sciences | • Environmental Science |
| • Business Administration | • Geography |
| • Chemistry | • Geology |
| • Computer Science- Information Systems Emphasis | • Health Education |
| • Computer Science- Technical Emphasis | • History |
| • Criminal Justice | • Humanities |
| • Dietetics/Nutrition | • Journalism (see Mass Communication) |
| • Economics | • Liberal Arts |
| • Education– Early | • Literature |
| | • Management |

- Marketing
- Mass Communication
- Mathematics
- Music
- Music Education
- Nursing
- Philosophy
- Physical Education
- Physics
- Political Science
- Pre-Chiropractic
- Pre-Dentistry
- Pre-Law
- Pre-Medical Technology
- Pre-Medicine
- Pre-Occupational Therapy
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician's Assistant
- Pre-Veterinary
- Psychology
- Sociology
- Speech Communication
- Theatre Arts
- World Languages
- Undecided

For other areas of interest, please contact a Student Development Center for assistance.

Transfer Agreements

Illinois Articulation Initiative

Harper College is a participant in the Illinois Articulation Initiative (IAI), a statewide articulation effort to help Illinois college students transfer easily. This effort involves public community colleges, public universities and private colleges and universities, and includes the articulation of lower-division general education and major field courses. This agreement is in effect for students entering college as first-time freshmen in summer of 1998 (and thereafter). The following summary highlights the major features of the initiative.

- 1) One of the main features of the IAI is the General Education Core Curriculum and a list of statewide articulated general education courses that will be accepted for transfer by all participating colleges and universities in Illinois.
 - a. Students who complete the A.A., A.S. degree that contains the General Education Core Curriculum at a community college will have their lower-division general education core requirements satisfied at the participating Illinois university to which they transfer.
 - b. Students who complete the General Education Core Curriculum at any participating college or university in Illinois will have their lower-division general education requirements met upon transfer to another participating college or university in Illinois.
 - c. The General Education Core Curriculum and the list of statewide articulated general education courses will be a great advantage for students who are undecided about what university they want to attend after transfer as well as for students who are undecided about their major because the "core" will transfer to all participating colleges and universities in Illinois.
- 2) Another main feature of the Initiative is a program guide and list of statewide articulated lower-division courses for each baccalaureate degree major field that will transfer and satisfy major field requirements at participating colleges or universities in Illinois that offer that degree.

3) The General Education Core Curriculum, the program guides for the major fields, and the statewide list of articulated courses will greatly help counselors and advisors provide accurate information on the articulation of courses to students planning to transfer.

See the IAI Web site at www.iTransfer.org for more information.

IAI General Education Core Curriculum Requirements

The IAI General Education Core Curriculum consists of courses that colleges and universities consider essential for students' success in college and life. Students are permitted to transfer this portion of an associate or a bachelor's degree program from one participating institution to another without loss of credit and with assurance that lower-division general education requirements have been satisfied. The curriculum comprises about two-thirds of an associate degree and about one-third of a bachelor's degree. This transferable curriculum is included within Harper's 1998 (and thereafter) A.A. and A.S. degrees.

■ *Specifically, the General Education Core Curriculum requires:*

Communications

- 3 courses (9 semester credits)
Must include a two-course sequence in writing completed with grades of C or better (6 semester credits), and one course (3 semester credits) in oral communication.

Mathematics

- 1 to 2 courses (3 - 6 semester credits)

Physical and Life Sciences

- 2 courses (7-8 semester credits)
Must include one course selected from the life sciences and one course from the physical sciences. One course must be a lab.

Humanities and Fine Arts

- 3 courses (9 semester credits)
Must include at least one course selected from humanities and at least one course from the fine arts.

Social and Behavioral Sciences

- 3 courses (9 semester credits)
Must include courses selected from at least two disciplines.

TOTAL: 12 to 13 courses (37-41 credits)

Refer to specific approved courses under course descriptions listed in the back of the catalog or see the IAI Web site at www.iTransfer.org

Illinois Articulation Initiative Transcripting Requirements

As a participant of the Illinois Articulation Initiative (IAI), William Rainey Harper College requires the following for completion of the core to be noted on the official transcript:

- 1) Initial enrollment date at an IAI participating institution effective summer 1998 (and thereafter).
- 2) Completion of the Associate in Arts (A.A.) or Associate in Science (A.S.) degree starting with the 1998-99 Catalog and/or Completion of the General Education Core Curriculum requirements and attainment of a minimum of 37 semester hours.
- 3) Attainment of a minimum cumulative grade point average of 2.0.
- 4) Students who are completing a degree under these requirements will have completion of the core transcripted at the time of the degree certification.
- 5) Students who are not completing a degree must formally request the Registrar's Office to certify the completion of the core by submitting a "Petition to Certify the Illinois Transferable Education Core Curriculum."

Transfer Compact Agreements

Some four-year colleges accept the associate in arts or associate in science degrees as meeting all lower division general education requirements and grant automatic junior standing upon transfer. Students may have to meet additional requirements for some majors at these colleges. Contact a Student Development Center for more information. Schools with which Harper has a compact agreement are:

- Chicago State University
- Eastern Illinois University
- Governors State University
- Illinois State University
- Northeastern Illinois University
- Northern Illinois University
- Southern Illinois University
- University of Illinois at Springfield
- Western Illinois University

Other Transfer Agreements

In addition to the IAI and Compact Agreement, Harper College has developed course transfer agreements with the following public and private colleges and universities.

- Alverno College
- Argosy University (pending)
- Benedictine University
- Bradley University
- Brigham Young University
- Columbia College–Chicago
- Concordia University
- DePaul University
- DeVry Institute of Technology
- Dominican University
- Drake University
- Elmhurst College
- Gallaudet University
- Illinois Institute of Art
- Illinois Institute of Technology
- Indiana University – School of Continuing Studies
- International Academy of Merchandising and Design
- Iowa State University
- Judson College
- Kendall College
- Lake Forest College
- Lewis University
- Loyola University of Chicago
- Marquette University
- Michigan State University
- Midwestern University
- Millikin University
- Milwaukee School of Engineering

- Monmouth College
- National-Louis University
- National University of Health Sciences
- North Central College
- North Park University
- Northern Michigan University
- Northwood University
- Palmer College of Chiropractic
- Quincy University
- Robert Morris College
- Rockford College
- Roosevelt University
- Rush University
- St. Anthony College of Nursing
- St. Joseph's College
- St. Xavier University
- Trinity International University
- University of Illinois–Chicago
- University of Illinois–Urbana/Champaign
- University of Iowa
- University of Kansas
- University of Maine - Machias (pending)
- University of Maryland
- University of Phoenix (pending)
- University of St. Francis
- University of Wisconsin–Stout
- University of Wisconsin–Whitewater
- Valparaiso University

Contact the Student Development Center in D142, I117 or A347 for more information

Degree Requirements Overview

AREA	DEGREE TYPE					
	AA	AS	AES	AAS	AFA ART	AFA MUSIC
Communications	9	9	6	6	9	9
Mathematics	3-6	6	17	3	3	3
Computer Science	–	–	4	–	–	–
Physical and Life Science	7-8	8	13	0-9*	7	7
Humanities and Fine Arts	9	9	3-6	0-9*	6	6
Social and Behavioral Sciences	9	9	3-6	0-9*	6	3
Engineering	–	–	18	–	–	–
Technical Requirements and Electives	–	–	–	42-45	–	–
Music	–	–	–	–	–	39
Art	–	–	–	–	33	–
Special Electives	6	3	–	–	–	–
Other Electives	17	20	–	–	–	–
Total Minimum Hours Required:	60	64	67	60	64	67

* Nine hours must be taken from a minimum of two groups.

COLLEGE CREDIT PROGRAMS AND REQUIREMENTS

Requirements for Associate in Arts Degree (A.A.)†

These requirements apply to students who first enrolled for Fall 2004 or later. Students who first enrolled prior to Fall 2004 should obtain the appropriate sheet of requirements from Student Development Center.

Fall 2004	IAI Core Curriculum	Hours Required	Harper Courses
Group 1	Communications 3 courses. A grade of C or better is required for ENG 101 and 102.	9	ENG 101, 102 and SPE 101
Group 2	Mathematics 1 to 2 courses. MTH 124 may be used if taken Spring '99 or later.	3-6	MGT 225 or MTH 165 ¹ ; MTH 101, 124, 131, 134 or 200, 201, 202, 220
Group 3	Physical and Life Sciences 2 courses with 1 course from the Life Sciences and 1 from the Physical Sciences. 1 course must be a lab science (marked with an *). With appropriate prerequisites an initial course for science majors or advanced level course may be substituted.	7-8	Life Science: BIO 101, 103, 104*, 105, 110*, 120*, 130*, 135, 136, 140*, 150*, 151*, 152*, 153*, 154*, 160*, 210* Physical Sciences: AST 101*; CHM 100*, 110*, 121*, 122*; GEG 111, GEG 112*; GEO 101*, PHS 101, 105*, 111*, 112*; PHY 121*, 122*, 201*, 202*
Group 4	Humanities and Fine Arts 3 courses with at least 1 course selected from the Humanities and at least 1 from the Fine Arts. Interdisciplinary courses may be used for both categories.	9	Humanities: FRN 202 or GER 202 or JPN 202 or SGN 210 or SPA 202; HST 105 or HUM 105; HUM 120; LIT 105, 110, 115, 206, 207, 208, 210, 221, 222, 223, 224, 231, 232; PHI 101, 105, 115, 160, 205, 220, 231, 232; FRN 210 or GER 210 or SPA 210 Fine Arts: ART 105; ART 130, 131, 132 or 133; ART 114 or LIT 112; MUS 103, 104, 120; SPE 111 Interdisciplinary Studies: HUM 101, 102, 103, 110
Group 5	Social and Behavioral Sciences 3 courses with courses selected from at least 2 departments. May <u>not</u> choose SOC 215 and two PSY courses.	9	ANT 101, 202, 205, 206; ECO 200, 211, 212; GEG 100 or 101, 103, 104, 210; HST 111, 112, 121, 141, 142, 231, 232, 241, 242, 243, 245; PSC 101, 220, 250, 270, 280; PSY 101, 216, 217, 218, 228; SOC 101, 120, 205, 215, 230

Total General Education 37-41

Group 6 Special Electives	6	Creative Expression		Languages		Wellness		Work and Life Skills			
		ART	MUS	FRN	JPN	DIT	PED	CDV	DIV	PHI	
		110	101	165	101	101	101	100	110	101	150
		111	102	166	102	102		203	CIS	ECO	PSY
		121	130	167	201	201		213	100	115	106
		122	136	169	GER	SGN			101	MGT	107
		201	140	180-199	101	101			120	111	SPA
		206	145	265	102	102			CSC	160	121
		225	150	280-299	201	SPA			121	170	122
		236	SPE			101			208	204	SPE
		240		107		102			214	ORN	115
		261		212		201			CWE	101	200
		291		216					220		205
		296									

Group 7 Approved Electives	17	<u>Courses must be selected from:</u> 1) Additional credit hours from Groups 1-6 from the A.A. or A.S. degree. 2) Credit hours from approved elective courses (listed after A.S. degree requirements). 3) Up to ten (10) credit hours from 100 to 200 level courses not included in 1) and 2) above. 4) Up to two (2) hours of PED activity courses (100 level) may be used to fulfill either Group 6 or Group 7 electives. 5) Up to four (4) hours of Independent Study Credit.
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Total Hours Required 60

¹ Credit will not be granted for both MGT 225 and MTH 165.

† No more than two GEG and two HST (except HST 105) courses may be used to fulfill Groups 1-5.

COLLEGE CREDIT PROGRAMS AND REQUIREMENTS

Requirements for Associate in Science Degrees (A.S.)†

These requirements apply to students who first enrolled for Fall 2004 or later. Students who first enrolled prior to Fall 2004 should obtain the appropriate sheet of requirements from Student Development Center.

Fall 2004	IAI Core Curriculum	Hours Required	Harper Courses
Group 1 Communications 3 courses. A grade of C or better is required for ENG 101 and 102.		9	ENG 101, 102 and SPE 101
Group 2 Mathematics 2 courses. MTH 124 may be used if taken Spring '99 or later.		6	MGT 225 or MTH 165 ¹ ; MTH 124, 131, 134 or 200, 201, 202, 220
Group 3 Physical and Life Sciences 2 courses with 1 course from the Life Sciences and 1 from the Physical Sciences. 1 course must be a lab science (marked with an *). With appropriate prerequisites an initial course for science majors or advanced level course may be substituted.		8	Life Science: BIO 101, 103, 104*, 105, 110*, 120*, 130*, 135, 136, 140*, 150*, 151*, 152*, 153*, 154*, 160*, 210* Physical Sciences: AST 101*; CHM 100*, 110*, 121*, 122*; GEG 111, GEG 112*; GEO 101*, PHS 101, 105*, 111*, 112*; PHY 121*, 122*, 201*, 202*
Group 4 Humanities and Fine Arts 3 courses with at least 1 course selected from the Humanities and at least 1 from the Fine Arts. Interdisciplinary courses may be used for both categories.		9	Humanities: FRN 202 or GER 202 or JPN 202 or SGN 210 or SPA 202; HST 105 or HUM 105; HUM 120; LIT 105, 110, 115, 206, 207, 208, 210, 221, 222, 223, 224, 231, 232; PHI 101, 105, 115, 160, 205, 220, 231, 232; FRN 210 or GER 210 or SPA 210 Fine Arts: ART 105; ART 130, 131, 132 or 133; ART 114 or LIT 112; MUS 103, 104, 120; SPE 111 Interdisciplinary Studies: HUM 101, 102, 103, 110
Group 5 Social and Behavioral Sciences 3 courses with courses selected from at least 2 departments. May <u>not</u> choose SOC 215 and two PSY courses.		9	ANT 101, 202, 205, 206; ECO 200, 211, 212; GEG 100 or 101, 103, 104, 210; HST 111, 112, 121, 141, 142, 231, 232, 241, 242, 243, 245; PSC 101, 220, 250, 270, 280; PSY 101, 216, 217, 218, 228; SOC 101, 120, 205, 215, 230

Total General Education **41**

Group 6 Special Electives	3	Creative Expression		Languages		Wellness		Work and Life Skills			
		ART	MUS	FRN	JPN	DIT	PED	CDV	DIV	PHI	
		110	101	165	101	101	101	100	110	101	150
		111	102	166	102	102		203	CIS	ECO	PSY
		121	130	167	201	201		213	100	115	106
		122	136	169	GER	SGN			101	MGT	107
		201	140	180-199	101	101			120	111	SPA
		206	145	265	102	102			CSC	160	121
		225	150	280-299	201	SPA			121	170	122
		236	SPE		101	101			208	204	SPE
		240	107		102	102			214	ORN	115
		261	212		201	201			CWE	101	200
		291	216						220		205
		296									

Group 7 **20**
Approved Electives
 At least 6 hours, 100-level or above, must be selected in mathematics, science or computer science (CSC only).

- Courses must be selected from:
- 1) Additional credit hours from Groups 1-6 from the A.A. or A.S. degree.
 - 2) Credit hours from approved elective courses (listed after A.S. degree requirements).
 - 3) Up to ten (10) credit hours from 100 to 200 level courses not included in 1) and 2) above.
 - 4) Up to two (2) hours of PED activity courses (100 level) may be used to fulfill either Group 6 or Group 7 electives.
 - 5) Up to four (4) hours of Independent Study Credit.

Total Hours Required **64**

¹ Credit will not be granted for both MGT 225 and MTH 165.

† No more than two GEG and two HST courses (except HST 105) may be used to fulfill Groups 1-5.

Associate in Arts (A.A.) and Associate in Science (A.S.) Degree Programs

Approved Elective Courses

Course or credit hours for Group 7 electives must come from:

1. Extra credit hours from the list of approved electives below.
2. Extra credit hours from Groups 1-6 from the A.A. or A.S. degree.
3. Up to ten (10) credit hours from 100 to 200 level courses not included in 1. and 2. above.
4. Up to two (2) hours of PED activity courses (100 level) may be used to fulfill either Group 6 or Group 7 electives.
5. Up to four (4) hours of Independent Study Credit.

ACC	CIS	EDU	HPI	MGT	PED*	PSY	SPA
101	130	201	102	218	200	108	205
102		202		275	201	150	
201	CRJ	211	HST		205	210	SPE
202	101	230	151	MKT	206	220	102
203	201	250	152	245	207	225	180
211	202	290	153		208	230	181
212	205		202	MTH	209	235	182
213	210	EGR	210	103	210	245	183
	220	100	214	104	212		190
ANT		120	219	107	218	PST	191
203	CSC	121	261	120	219	110	192
207	122	205	HUM	130	220		193
208	211	212	115	140	222	RDG	213
215	216	260		203	224	105	
209	217	262	IDS	206	226	106	
215		270	290	212	228		
220	CWE			265	230	SGN	
250	221	ENG	JNM		246	101	
255		103	130	MUS	270	102	
	DIT	130	131	111		103	
ART	110	200	234	112	PHI	104	
100		201		115	102	201	
280	ECE	220	LIT	116	120	202	
	101		216	211	170	205	
AST	102	FRN	217	212	180	212	
200	103	205	219	215	190		
	219		241	216	210	SOC	
BIO	223	GEG		223		210	
161	250	151	LNG	224	PSC	220	
220	252	152	105	266	210	230	
240	291		205	271	260		
		GEO	220	272			
CHM	ECO	102					
125	210	201					
	225						
		GER					
		205					

*All 100 level courses.

COLLEGE CREDIT PROGRAMS AND REQUIREMENTS

Requirements for Associate in Engineering Science Degree (A.E.S.)^{†, 2}

These requirements apply to students who first enrolled for Fall 2004 or later. Students who first enrolled prior to Fall 2004 should obtain the appropriate sheet of requirements from Student Development Center.

Fall 2004

Group 1 Communications A grade of C or better is required for ENG 101 and 102	6	ENG 101, 102
Group 2 Mathematics	17	MTH 200, 201, 202, 212
Group 3 Computer Science³	4	CSC 121, 208
Group 4 Physical and Life Sciences	13	CHM 121; PHY 201, 202
Group 5 Humanities and Fine Arts¹ Minimum of 3 hours required from Group 6. Must have a minimum of 9 hours from Humanities and Fine Arts and Social and Behavioral Sciences combined.	3-6	Humanities: FRN 202 or GER 202 or JPN 202 or SGN 210 or SPA 202; HST 105 or HUM 105; HUM 120; LIT 105, 110, 115, 206, 207, 208, 210, 221, 222, 223, 224, 231, 232; PHI 101, 105, 115, 160, 205, 220, 231, 232; FRN 210 or GER 210 or SPA 210 Fine Arts: ART 105; ART 130, 131, 132 or 133; ART 114 or LIT 112; MUS 103, 104, 120; SPE 111 Interdisciplinary Studies: HUM 101, 102, 103, 110
Group 6 Social and Behavioral Sciences¹ Minimum of 3 hours required from Group 5. Must have minimum of 9 hours from Humanities and Fine Arts and Social and Behavioral Sciences combined.	3-6	ANT 101, 202, 205, 206; ECO 200, 211, 212; GEG 100 or 101, 103, 104, 210; HST 111, 112, 121, 141, 142, 231, 232, 241, 242, 243, 245; PSC 101, 220, 250, 270, 280; PSY 101, 216, 217, 218, 228; SOC 101, 120, 205, 215, 230
Group 7 Engineering Specialty courses approved in consultation with the Engineering Chair.	18	EGR 100, 120, 210, 211, 212, 240, 260, 262, 270; CHM 122, 204, 205; PHY 203
Total Hours Required	67	

¹ Students are encouraged to select at least one course in either the humanities/fine arts or the social/behavioral sciences that emphasizes non-Western cultures or minority cultures within the United States. A two-semester sequence in the same discipline from either the humanities/fine arts or the social/behavioral sciences is recommended.

² Completion of the Associate in Engineering Sciences degree does not fulfill the requirements of the Illinois General Education core curriculum. After transfer, AES students will need to complete the general education requirements of the institution to which they transfer.

³ Computer Science Elective should be chosen based on engineering specialty and requirements of institution to which students transfer.

[†] No more than two GEG and two HST courses (except HST 105) may be used to fulfill Groups 1-6.

COLLEGE CREDIT PROGRAMS AND REQUIREMENTS

Requirements for Associate in Fine Arts Degree (A.F.A.): Art Emphasis^{†, 1, 3}

These requirements apply to students who first enrolled for Fall 2004 or later. Students who first enrolled prior to Fall 2004 should obtain the appropriate sheet of requirements from Student Development Center.

Fall 2004	Hours Required	Harper Courses
Group 1 Communications 3 courses. A grade of C or better is required for ENG 101 and 102.	9	ENG 101, 102 and SPE 101
Group 2 Mathematics 1 course	3	MGT 225 or MTH 165 ³ ; MTH 101, 124, 131, 134 or 200, 201, 202, 220
Group 3 Physical and Life Sciences 2 courses with 1 course from the Life Sciences and 1 from the Physical Sciences. 1 course must be a lab science (marked with an *).	7	Life Science: BIO 101, 103, 104*, 105, 110*, 120*, 130*, 135, 136, 140*, 150*, 151*, 152*, 153*, 154*, 160*, 210* Physical Sciences: AST 101*; CHM 100*, 110*, 121*, 122*; GEG 111, GEG 112*; GEO 101*, PHS 101, 105*, 111*, 112*; PHY 121*, 122*, 201*, 202*
Group 4 Humanities	6	Humanities: FRN 202 or GER 202 or JPN 202 or SGN 210 or SPA 202; HST 105 or HUM 105; HUM 101, 102, 103, 110, 120; LIT 105, 110, 115, 206, 207, 208, 210, 221, 222, 223, 224, 231, 232; PHI 101, 105, 115, 160, 205, 220, 231, 232; FRN 210 or GER 210 or SPA 210
Group 5 Social and Behavioral Sciences 2 courses, with courses selected from at least two departments	6	ANT 101, 202, 205, 206; ECO 200, 211, 212; GEG 100 or 101, 103, 104, 210; HST 111, 112, 121, 141, 142, 231, 232, 241, 242, 243, 245; PSC 101, 220, 250, 270, 280; PSY 101, 216, 217, 218, 228; SOC 101, 120, 205, 215, 230
Total General Education		31
Group 6 Core Courses ²	24	ART 110 111 121 122 130 131 132 225
Group 7 Media Specific Courses	9	ART 206 240 261 291 296
Total Hours Required		64

¹ Completion of the associate in fine arts-art degree does not fulfill the requirements of the Illinois General Education core curriculum. After transfer, associate in fine arts-art students will need to complete the general education requirements of the institution to which they transfer.

² A portfolio review is required with an art advisor after the completion of the first two semesters of art course requirements before starting any other art courses. The Art Department strongly recommends that associate in fine arts-art candidates also take two semesters of ART 100 for its professional career content.

³ Credit will not be granted for both MGT 225 and MTH 165.

[†] No more than two GEG and two HST courses (except HST 105) may be used to fulfill Groups 1-5. Credit will not be granted for both MGT 225 and MTH 165.

COLLEGE CREDIT PROGRAMS AND REQUIREMENTS

Requirements for Associate in Fine Arts Degree (A.F.A.): Music Emphasis[†] 1

These requirements apply to students who first enrolled for Fall 2004 or later. Students who first enrolled prior to Fall 2004 should obtain the appropriate sheet of requirements from Student Development Center.

Fall 2004	Hours Required	Harper Courses
Group 1 Communications 3 courses. A grade of C or better is required for ENG 101 and 102.	9	ENG 101, 102 and SPE 101
Group 2 Mathematics 1 course. MTH 101, 124 or 134 preferred.	3	MGT 225 or MTH 165 ³ ; MTH 101, 124, 131, 134 or 200, 201, 202, 220
Group 3 Physical and Life Sciences 2 courses with 1 course from the Life Sciences and 1 from the Physical Sciences. 1 course must be a lab science (marked with an *).	7	Life Science: BIO 101, 103, 104*, 105, 110*, 120*, 130*, 135, 136, 140*, 150*, 151*, 152*, 153*, 154*, 160*, 210* Physical Sciences: AST 101*; CHM 100*, 110*, 121*, 122*; GEG 111, GEG 112*; GEO 101*, PHS 101, 105*, 111*, 112*; PHY 121*, 122*, 201*, 202*
Group 4 Humanities	6	Humanities: FRN 202 or GER 202 or JPN 202 or SGN 210 or SPA 202; HST 105 or HUM 105; HUM 101, 102, 103, 110, 120; LIT 105, 110, 115, 206, 207, 208, 210, 221, 222, 223, 224, 231, 232; PHI 101, 105, 115, 160, 205, 220, 231, 232; FRN 210 or GER 210 or SPA 210
Group 5 Social and Behavioral Sciences 1 course	3	ANT 101, 202, 205, 206; ECO 200, 211, 212; GEG 100 or 101, 103, 104, 210; HST 111, 112, 121, 141, 142, 231, 232, 241, 242, 243, 245; PSC 101, 220, 250, 270, 280; PSY 101, 216, 217, 218, 228; SOC 101, 120, 205, 215, 230

Total General Education 28

Group 6 Core Courses	Music Theory	Music Literature/History	Keyboard Skills ²	Aural Skills	Ensemble	Applied Instruction
Core Music Courses:						
Music Theory	12	111	120	165	115	130
Music Literature/History	3	112		166	116	136
Keyboard Skills ²	8	211		265	215	140
Aural Skills	4	212		266	216	145
Ensemble	4					150
Applied Instruction	8					

Total Hours Required 67

- ¹ Completion of the associate in fine arts–music degree does not fulfill the requirements of the Illinois General Education core curriculum. After transfer, associate in fine arts–music students will need to complete the general education requirements of the institution to which they transfer.
- ² All music majors must demonstrate piano proficiency; MUS 165, 166 and 265 may be passed by proficiency exam. Music majors are also advised to take MUS 100 as part of their elective credit.
- ³ Credit will not be granted for both MGT 225 and MTH 165.
- [†] No more than two GEG and two HST courses (except HST 105) may be used to fulfill Groups 1-5. Credit will not be granted for both MGT 225 and MTH 165.

COLLEGE CREDIT PROGRAMS AND REQUIREMENTS

Requirements for Associate in Fine Arts Degree (A.F.A.): Piano Pedagogy[†], 1

These requirements apply to students who first enrolled for Fall 2004 or later. Students who first enrolled prior to Fall 2004 should obtain the appropriate sheet of requirements from Student Development Center.

Fall 2004	Hours Required	Harper Courses
Group 1 Communications 3 courses. A grade of C or better is required for ENG 101 and 102.	9	ENG 101, 102 and SPE 101
Group 2 Mathematics 1 course	3	MTH 101, 124, 134
Group 3 Physical and Life Sciences 2 courses with 1 course from the Life Sciences and 1 from the Physical Sciences. 1 course must be a lab science (marked with an *).	7	Life Science: BIO 101, 103, 104*, 105, 110*, 120*, 130*, 135, 136, 140*, 150*, 151*, 152*, 153*, 154*, 160*, 210* Physical Sciences: AST 101*; CHM 100*, 110*, 121*, 122*; GEG 111, GEG 112*; GEO 101*, PHS 101, 105*, 111*, 112*; PHY 121*, 122*, 201*, 202*
Group 4 Humanities	6	Humanities: FRN 202 or GER 202 or JPN 202 or SGN 210 or SPA 202; HST 105 or HUM 105; HUM 101, 102, 103, 110 120; LIT 105, 110, 115, 206, 207, 208, 210, 221, 222, 223, 224, 231, 232; PHI 101, 105, 115, 160, 205, 220, 231, 232; FRN 210 or GER 210 or SPA 210
Group 5 Social and Behavioral Sciences 1 course	3	ANT 101, 202, 205, 206; ECO 200, 211, 212; GEG 100 or 101, 103, 104, 210; HST 111, 112, 121, 141, 142, 231, 232, 241, 242, 243, 245; PSC 101, 220, 250, 270, 280; PSY 101, 216, 217, 218, 228; SOC 101, 120, 205, 215, 230

Total General Education 28

Group 6 Core Courses	Hours	Music Theory	Music Literature/History	Keyboard Skills ²	Aural Skills	Ensemble	Applied Instruction
Core Music Courses:		111	120	266	115	130	180-199
Music Theory	12	112	Piano		116	136	280-299
Music Literature/History	3	211	Pedagogy		215	140	
Keyboard Skills ²	2	212	271		216	145	
Aural Skills	4		272			150	
Ensemble	4						
Applied Instruction	8						
Piano Pedagogy	6						

Total Hours Required 67

¹ Completion of the Associate in Fine Arts degree does not fulfill the requirements of the Illinois General Education core curriculum. After transfer, A.F.A. students will need to complete the general education requirements of the institution to which they transfer.

² All music majors must demonstrate piano proficiency; MUS 265 may be passed by proficiency exam. Music majors are also advised to take MUS 100 as part of their elective credit.

[†] No more than two GEG and two HST courses (except HST 105) may be used to fulfill Groups 1-5. Credit will not be granted for both MGT 225 and MTH 165.

COLLEGE CREDIT PROGRAMS AND REQUIREMENTS

Requirements for Associate in Applied Science Degree (A.A.S.)¹

Fall 2004	Hours Required	Harper Courses
Group 1 Communications ENG 101 or 130 and a second course, as approved for your curriculum.	6	ENG 100, 101, 102, 103, 130; JNM 130, 131, 133; SPE 101
Group 2 Mathematics^{2, 3}	3	MGT 150, 225; MTH 060, 061, 062, 063, 080, 086, 087, 100, 101, 103, 104, 120, 124, 130, 131, 134, 165, 200, 201, 202, 206; MTH 220
Group 3 Natural Sciences 9 hrs. must be taken from a minimum of two of Groups 3, 4 and 5.		AST 101, 201; BIO 101, 103, 104, 105, 110, 120, 130, 135, 136, 140, 150, 151, 152, 153, 154, 160, 161, 210, 220, 240; CHM 100, 110, 121, 122, 125, 201, 204, 210; DIT 101; GEG 111, GEG 112 ⁴ ; GEO 101, 102, 201, 202; PHS 101, 105, 111, 112; PHY 115, 116, 121, 122, 201, 202
Group 4 Humanities 9 hours must be taken from a minimum of two of Groups 3, 4 and 5.		ART 105; 110, 111, 114, 121, 122, 130, 131, 132, 133, 201, 206, 225, 236, 261, 291, 296; FNA 111, 112, 113, 114; FRN 101, 102, 201, 202, 205, 210; GER 101, 102, 201, 202, 205, 210; HST 105 or HUM 105, HST 111, 112, 121, 141, 142, 151, 152, 153, 202, 210, 212, 214, 219, 231, 232, 241, 242, 243, 245; HUM 101, 102, 103, 110, 115, 120; JPN 101, 102, 201, 202; HST 261; LNG 105; LIT 105, 110, 112, 115, 206, 207, 208, 210, 216, 217, 219, 221, 222, 223, 224, 231, 232, 241; MUS 101, 103, 104, 120, 130, 136, 140, 145, 150, 165, 166, 167, 169, 180-199; PHI 101, 105, 110, 115, 120, 150, 160, 170, 180, 190, 205, 210, 220, 231, 232; SGN 101, 102, 201, 202, 205, 210; SPA 101, 102, 201, 202, 205, 210; SPE 107, 111, 212, 216
Group 5 Social Sciences 9 hours must be taken from a minimum of two of Groups 3, 4 and 5.		ANT 101, 202, 203, 204, 205, 206, 207, 208, 210, 220; ECO 115, 200, 211, 212, 225; EDU 211; GEG 100, 101, 103, 104, 108, 210; LNG 205; PSC 101, 220, 250, 270, 280; PSY 101, 107, 108, 150, 210, 216, 217, 218, 220, 225, 228, 230, 235, 245; SOC 101, 120, 205, 210, 215, 220, 230, 235
Total General Education		15-18 ²
Group 6 Technical Requirements and Electives	42-45	
Total Hours Minimum		60 ⁴

- ¹ Completion of the Associate in Applied Science degree does not fulfill the Illinois General Education Core Curriculum. After transfer, A.A.S. students will need to complete the general education requirements of the institution to which they transfer.
- ² A competency test, available in the assessment and testing center, may be utilized to meet the mathematics requirement. Students who utilize the competency test to meet the mathematics requirement must complete a three credit-hour elective with approval of the program coordinator.
- ³ Credit will not be granted for both MGT 225 and MTH 165.
- ⁴ In addition to the above requirements, students enrolled in a specific career program must fulfill the requirements outlined in that program. Any changes in program requirements necessitated by licensing and/or accrediting agencies must be observed by students who are already admitted and in process in programs.

Harper College Career Programs

Harper College offers the following career/vocational programs. Both associate in applied science degree and certificate programs are offered except where indicated. Each program of study is a required one, intended to prepare students for a specific type of employment immediately. Additional programs available through agreements with other colleges are listed under Cooperative Programs.

Arts and Communication

- Fashion Design
- Fashion Merchandising²
- Interior Design²
- Journalism:
 - Media Writing and Design¹
 - Online Communications¹
 - Sign Language Interpreting¹

Business, Management and Computer Technology

- Accounting Associate
- Accounting Clerk¹
- Accounting–Payroll, State and Local Taxes¹
- Administrative Technology:
 - Administrative Assistant¹
 - Certified Professional Secretary¹
 - Executive Assistant²
 - General Office¹
 - Office Technology¹
 - Secretarial¹
- Computer Information Systems:
 - Advanced LAN Management¹
 - Computer Support Specialist¹
 - Computers in Business
 - LAN Management¹
 - Microcomputer Support Specialist¹
 - Microcomputers in Business
 - NetPrep™ Senior Network Specialist¹
 - Network Specialist¹
 - Programming
 - Technical¹
 - Web Development
 - Web Visual Design¹
- Financial Services:
 - Commercial Credit Management¹
 - Financial Management¹
 - Financial Services²
 - Real Estate Broker's License Preparation¹
 - Real Estate Sales Professional¹
- Hospitality Management:
 - Bread and Pastry Arts¹
 - Culinary Arts¹
 - Food Service Management¹
 - Hospitality Management²
 - Hotel Management¹
- International Business
- Law Office Administrative Assistant
- Management:
 - Advanced Management¹
 - General Management¹
 - Human Resource Management¹

- Management²
- Small Business Management¹
- Marketing:
 - E-Commerce Business¹
 - Marketing
 - Marketing Research¹
 - Retail Merchandising¹
 - Sales Management¹

Health Services

- Cardiac Technology:
 - *Cardiac Technology²
 - *Cardiograph Technician¹
 - *Diagnostic Cardiac Sonographer¹
 - *Electrocardiography¹
- *Dental Hygiene²
- Diagnostic Medical Sonography:
 - *Diagnostic Medical Sonography
 - *Vascular Technologist¹
- Dietary Manager¹
- Dietetic Technician²
- *Emergency Medical Services²
- *Emergency Medical Services²
- *Paramedic¹
- *Mammography¹
- Medical Office Administration:
 - Health Care Office Manager²
 - Health Care Secretary¹
 - Health Insurance Specialist¹
 - Medical Assistant
 - Medical Transcriptionist¹
- Nursing:
 - *Nursing²
 - *Certified Nursing Assistant¹
 - *Licensed Practical Nursing¹
- *Phlebotomy¹
- *Radiologic Technology²

Human Services

- Criminal Justice:
 - Criminal Justice
 - Industrial and Retail Security¹
- Early Childhood Education:
 - Before and After School Care¹
 - Early Childhood Administration¹
 - Early Childhood Education²
 - Early Childhood Education Assistant Teacher¹
 - Early Childhood Education Teacher¹
 - Family Child Care¹
 - Infant/Toddler¹
 - Special Education Paraprofessional¹
- Fire Science Technology²
- Paralegal Studies
- Paraprofessional Educator

* Enrollment program is limited. See Limited Enrollment Programs section of this catalog for guidelines.
 1 Certificate program only.
 2 Associate degree program only.

Industrial and Engineering Technology

- Architectural Technology
- Architectural CAD¹
- Building Codes and Enforcement¹
- Electrical Maintenance¹
- Electronics Engineering Technology
- Graphic Arts:
 - Graphic Arts Technology²
 - Graphic Arts¹
 - Graphic Arts Design¹
 - Graphic Arts Desktop Publishing¹
- Heating, Ventilation and Air Conditioning (HVAC):
 - Domestic Refrigeration and Heating¹
 - Heating Service¹
 - Refrigeration and Air Conditioning²
 - Refrigeration and Air Conditioning Service¹
 - Refrigeration Service¹
 - Residential Comfort Systems¹
- Maintenance Technology:
 - Basic Maintenance¹
 - Commercial Maintenance¹
 - Maintenance Technology²
 - Supervisory Maintenance Technology¹
- Supply Chain Management:
 - Inventory/Production Control¹
 - Physical Distribution¹
 - Purchasing¹
 - Supply Chain Management

Natural Resources/Environment

- Park and Golf Maintenance:
 - Arboriculture¹
 - Golf Course and Athletic Field Maintenance:¹
 - Park and Golf Maintenance²
 - Turfgrass Maintenance¹
- Plant Science Technology:
 - Advanced Floral Design¹
 - Basic Horticultural Skills¹
 - Floral Design¹
 - Garden Center Operations¹
 - Landscape Design¹
 - Plant Science Technology²

* Enrollment program is limited. See Limited Enrollment Programs section of this catalog for guidelines.
¹ Certificate program only.
² Associate degree program only.

Cooperative Programs

Harper College has Joint Educational Agreements with various area community colleges. Under these agreements, Harper district residents who are admitted to the programs listed below will usually be allowed to attend at the sponsoring college's in-district tuition rate.

The cooperating college will issue all degrees or certificates for successful completion of the program. Program and admission information may be obtained by calling the Admissions Office at the college offering the program, as listed below.

College of DuPage630.942.2800

425 Fawell Boulevard
 Glen Ellyn, Illinois 60137-6599

- Advertising Design and Illustration
- Airframe and Powerplant Mechanics
- Automotive Technology
- Aviation Maintenance Technology
- Cisco Internet Technician
- Communication Art and Sciences–Multimedia Arts
- Human Services
- Library Technical Assistant
- Manufacturing Technology
- Media
- Medical Records Technology
- Nuclear Medicine
- Occupational Therapy Assistant
- Photography
- Plastics Technology
- Radiologic Technology
- Respiratory Therapy Technician
- Supermarket Management
- Therapeutic Massage
- Travel and Transportation
- Web Design

College of Lake County847.223.6601

19351 West Washington Street
 Grayslake, Illinois 60030

- Automotive Collision Repair
- Automotive Technology
- Building Construction Technology
- Chemical Technology
 - Bio-Tech Option
 - Chem-Tech Option
- Civil Technology
- Computerized Tomography
- Health Information Technology
- Human Services Technology
- Industrial Maintenance and Repair
- Library Technical Assistant
- Magnetic Resonance Imaging
- Radiography
- Technical Communications
- Tool and Moldmaker
- Wastewater Treatment Technician
- Water Supply Technician
- Welding—Advanced

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Elgin Community College847.697.1000

1700 Spartan Drive
Elgin, Illinois 60123-7193

- Automotive Service Excellence
- CAM/CAD
- Child and Youth Advocacy
- Clinical Laboratory Technology
- Computerized Graphic Design Option
- Culinary Arts
- Dental Assisting
- Food Manufacturing Technology
- Gerontology
- Human Services Family Violence Counseling
- Machine Tool Operation Technology
- Mental Health Generalist
- Plastics Processing and Fabricating
- Plastics Technology
- Sign Language Interpreting
- Substance Abuse
- Surgical Technology
- Travel and Tourism
- Truck Driving
- Truck Driving Owner/Operator
- Welding

Lincoln Land Community College217.786.2200

5250 Shepherd Road
Springfield, Illinois 62794-9256

- Airframe and Powerplant Mechanics

McHenry County College815.455.3700

8900 U.S. Highway 14
Crystal Lake, Illinois 60014

- Automotive Technology
- Entrepreneurship
- Machine Tool Technology
- Manufacturing Management
- Manufacturing Supervision
- Manufacturing Technology
- Real Estate Appraisal

Oakton Community College847.635.1600

1600 East Golf Road
Des Plaines, Illinois 60016

- Animation and Multimedia
- Automotive Service Excellence
- Automotive Technology
- Biomedical Electronics Technology
- Electronic Servicing
- Facilities Management and Engineering
- Health Information Technology
- Human Services
- Machine Technology Apprentice
- Manufacturing Technology
- Medical Laboratory Technology
- Phlebotomy
- Photography¹
- Physical Therapy Assistant
- Web Graphic Page Design

Rock Valley College815.921.4251

3301 North Mulford Road
Rockford, Illinois 61101

- Airframe Technician
- Aviation Maintenance Technology
- Aviation Mechanical
- Powerplant Technician

Triton College708.456.0300

2000 Fifth Avenue
River Grove, Illinois 60171

- Automotive Technology
- Basic Addiction Counseling
- Dental Laboratory Technology
- Diesel Technology
- Laser Electro-Optic
- Machine Repair Specialist
- Magnetic Resonance Imaging
- Ophthalmic Technician
- Photo Offset
- Radiologic Technology
- Respiratory Therapy Technician
- Surgical Technology²

¹ Courses only.

² Technical courses only.

Cooperative Programs, continued

Harper College programs available to residents of other college districts under cooperative agreements are as follows:

Architectural Technology	McHenry County district
Bread and Pastry Arts	Lake County, Oakton and Rock Valley districts
Building Codes and Enforcement.....	DuPage, Lake County, McHenry County and Oakton districts
Cardiac Technology	DuPage, Elgin, Lake County and Triton districts
Certified Professional Secretary.....	Lake County district
CNC/CAM Technician	McHenry County district
Commercial Credit Management.....	DuPage, Lake County and McHenry County districts
Computer Information Systems-Computer Operator.....	McHenry County district
Computer Information Systems-Network Specialist	DuPage district
Criminal Justice ³	McHenry County district
Culinary Arts	Elgin, Lake County, McHenry County, Oakton and Rock Valley districts
Dental Hygiene	DuPage, Elgin, McHenry County, Oakton and Triton districts
Dietary Manager	Oakton district
Dietetic Technician	DuPage, Elgin, Lake County, McHenry County, Oakton and Triton districts
Fashion Design.....	Elgin, Lake County, McHenry County, Oakton and Triton districts
Fashion Merchandising.....	Elgin, Lake County, McHenry County and Oakton districts
Financial Services.....	DuPage, Lake County, and McHenry County districts
Fire Science Technology.....	McHenry County district
Food Service Management.....	Oakton district
Health Care Secretary	DuPage district
Hospitality Management	McHenry County and Oakton districts
Hotel Management	Oakton district
Industrial and Retail Security	DuPage, Lake County and McHenry County districts
Interior Design	Elgin, Lake County, McHenry County and Oakton districts
International Business.....	McHenry County district

Law Office	
Administrative Assistant	Lake County district
Management.....	DuPage District
Medical Assistant	DuPage, Elgin, Lake County, McHenry County and Oakton districts
Nursing	McHenry County district
Paralegal Studies	DuPage, Lake County, McHenry County, Oakton, Rock Valley and Triton districts
Park and Golf Maintenance	DuPage, Elgin, McHenry County and Oakton districts
Plant Science Technology.....	Oakton district
Refrigeration and Air Conditioning Technology....	McHenry County district
Sales Management and Development	DuPage district
Sign Language	
Interpreting	DuPage, Elgin, Lake County, McHenry County and Triton districts
Supply Chain Management	DuPage, Elgin, Lake County and McHenry County districts

³ Corrections courses only.

**Special Academic Programs:
FlexEdSM**

FlexEdSM is one of the most comprehensive programs of its kind in the country. Offering alternative learning options, FlexEdSM meets the changing needs of people on the go, with courses that are more accessible, flexible and convenient. Special opportunities under the FlexEdSM heading include:

- Blended Courses
- Late Start Classes
- Online Learning
- Open Entry Classes
- Sunrise Classes
- Telecourses
- TeleWeb Courses
- Videoconference Courses
- Weekend College
- XLR8 Classes

■ **Blended Courses**

Blended courses offer two great ways to learn! The classroom experience is combined with online instruction to provide an effective learning environment. On campus visits or actual classroom time is reduced because some learning is

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done via the Web. Participation in a blended course requires specific computer hardware and software and an Internet connection.

■ *Late Start Classes*

The name says it all. Late Start classes are ideal if you're not able to register on time. Or if you'd like to take two courses—one the first eight weeks of the semester and a second one the last eight weeks. So if you've missed our scheduled registration, check out our Web site at harpercollege.edu for a complete list of Late Start classes.

■ *Online Learning*

A variety of courses are now available to students via the World Wide Web. Not only will you have the flexibility of class scheduling, testing dates and times, you'll also have the opportunity to communicate with your instructor and classmates via e-mail or through special forum "chat" rooms, both an integral part of your online educational experience. If you have access to a computer with specific hardware and software requirements, modem and online access through an Internet Service Provider (ISP), then Internet courses may be the perfect option for you.

■ *Open Entry Classes*

Harper has designed this unique class format to meet the needs of many students. Maybe you are unable to attend regularly scheduled classes. Or you want to finish the course work more quickly or you're just anxious to start, but the course has already begun. We just require a one-hour orientation, where the instructor will show you around the lab, hand out homework assignments and answer any questions. Open Entry instructors are available for guidance during posted office hours. Open Entry classes are offered in AutoCAD, Administrative Technology and Computer Information Systems. In addition, all Adult Educational Development classes are open entry.

■ *Sunrise Classes*

The early bird gets the worm, and now, also a great education. Harper's sunrise classes start anywhere from 6:00 to 7:35 in the morning and are perfect if you want to get a little learning in before you go to work.

■ *Telecourses*

Harper offers a complete range of courses, from economics to psychology, that may be viewed on cable TV within the Harper district area. Each telecourse has a mandatory, on-campus orientation session in order to give you an introduction to the instructor and course expectations. Any missed classes can be viewed at the main campus Library or select area libraries. A taped set of classes may also be rented from the Bookstore for a fee.

■ *TeleWeb Courses*

Several courses are available as a combination of both telecourse and online learning. Students enrolled in a teleweb course attend class by watching cable TV broadcasts within the Harper district area or by viewing videotapes at home, at the Harper Library, or in select public libraries.

(Note: Some residents of Arlington Heights may not receive Harper cable broadcasts. Please check with your local cable provider to ensure accessibility.) Course assignments are accessed via the Web. Students interact with peers/faculty and submit course work to their instructor via several Internet-based communication tools.

■ *Videoconference Courses*

If courses you're interested in are offered only at another area college, they may be available at Harper through our sophisticated videoconferencing classroom located on our main Palatine campus. These unique two-way interactive video classes can save you hours a week in drive time.

■ *Weekend College*

If you have a demanding job or a very active lifestyle, our weekend courses may be the ideal way for you to concentrate on your educational goals. Harper College offers a variety of weekend formats, including the traditional sixteen-week course or shorter formats, such as three credits in three weekends. For many people, this is often the best way to earn an associate degree or credits that can be transferred to a four-year program.

■ *XLR8 Classes*

Earn six credit hours and a Harper Achievement Award in just 16 weeks. The XLR8 program offers awards in several disciplines.

For more information on any of our FlexEdSM classes, call 847.925.6707. Or visit our Web site: harpercollege.edu.

International Studies Program

Harper College has joined a consortium with 40 other community colleges, Illinois State University and several colleges in Wisconsin and Michigan to provide a semester abroad program for students at these institutions. The Illinois Consortium for International Studies and Programs (ICISP) makes it possible for the colleges to offer a sound, viable academic program at reasonable cost, and allows qualified students to take advantage of the unique educational experience afforded through study in another country. Currently, programs are available in Canterbury, England, Salzburg, Austria, and San Jose, Costa Rica. Other opportunities include new programs in Poitiers, France, and a summer program in Guanajuato, Mexico. Summer programs are also available in Madrid, Spain, Kyoto, Japan, Munich, Germany, and Dijon, France via other community colleges in the ICISP Consortium. Harper College Summer only programs change each summer.

The Harper College International Studies Program was first offered in the spring of 1987. The sites in England and Austria will be offered each fall and spring. The program in Costa Rica is offered only in the summer. To be eligible, a student must have completed 15 credit hours with a 2.75 grade point. Further information about the International Studies Program is available through Student Development, in the Multicultural Learning Center, D142, 847.925.6522.

Honors Program

Harper College seeks to stimulate, encourage and recognize work of depth, scope and originality by its students. A balanced curriculum of honors courses is offered in the major areas required for the General Education component of associate degrees.

Honors students enjoy the benefit of reduced class size and the challenge of social and intellectual interaction with other high achieving students while they acquire the breadth of understanding and develop leadership qualities that such settings enhance.

All honors courses are noted as such on the transcript. Additionally, upon fulfilling all other degree requirements, students who complete at least 12 hours of honors course work (which must include either HUM 105 or HST 105) and maintain a GPA of 3.25 or higher will be designated as Honors Program graduates. (The HUM 105/HST 105 requirement goes into effect spring of 2003 and applies only to those students entering Harper in or after the fall of 2001.)

To be admitted to honors classes, students must meet specified criteria, complete an honors application, and have an interview with the coordinator of honors. Applications are available in the Office of Admissions, the Division offices and the Counseling Centers.

The College also offers several scholarships based primarily on academic achievement. (See Financial Aid section.)

English as a Second Language

English as a Second Language (ESL) courses are for individuals who are native speakers of another language and who need to improve their English language skills for academic or employment purposes. Courses are offered for credit at beginning, intermediate and advanced levels. Both an intensive English program and part-time programs are offered.

The ESL/Linguistics Department serves students from any language background. Some students are referred to the department from the Harper College assessment program. Student educational backgrounds range from seven grades completed through completion of graduate/professional programs. Students with fewer than seven years of education are referred to the Adult Educational Development Department for enrollment in the Nonnative Literacy Program.

Students are tested during registration and counseled for appropriate program and course placement. For more information, contact the department office 847.925.6226.

■ Intensive English Program

The Intensive English Program at William Rainey Harper College is dedicated to providing excellent comprehensive English language instruction for postsecondary students whose primary language is not English. Professionals in the

field of teaching English to speakers of other languages (TESOL) will utilize proven English language teaching methods and techniques to prepare students for further academic study in the U.S. This learner-centered program will be offered on a full-time basis for both international students and residents of the U.S.

Students completing the final level of the Intensive English Program will be able to enroll in the highest-level English as a Second Language (ESL) reading and writing courses at William Rainey Harper College while also enrolling in selected degree credit courses. Upon successful completion of these reading and writing courses, students will have the academic English language skills needed for success in all degree credit courses offered by William Rainey Harper College and may enroll in any degree credit courses and programs for which they meet the prerequisites.

This program meets the INS requirements for students on student visas. It is accredited by the Commission on English Language Program Accreditation (CEA) and agrees to uphold the CEA Standards for English Language Programs. For further information about this accreditation, please contact the Commission on English Language Program Accreditation, 1725 Duke St., Suite 500, Alexandria, VA 22314, 703.519.2070.

■ Part-Time Academic ESL Program

This program is for those students who wish to improve their English language skills for educational, professional or employment reasons on a part-time basis. Depending on their proficiency level, students may enroll in one or more classes, including integrated skills courses as well as conversation, courses in reading, writing, grammar, TOEFL preparation, and other supplemental courses. Students in this program may also enroll in other appropriate college courses.

Adult Educational Development

The Adult Educational Development (AED) Department provides instructional programs and services in literacy, Pre-GED, GED, nonnative literacy, citizenship, employment skills and special topics. All programs are intended for adults 16 years old and over who are not currently enrolled in a secondary school.

The **nonnative literacy program** (CESL literacy) serves students whose first language is not English and who have limited years of schooling in their native countries.

The **literacy program** is intended to teach adults who cannot read, write or perform basic arithmetic. The **Pre-GED and GED programs** are designed for those who have not completed a secondary education program in the United States and who have not passed the General Educational Development (GED) Test battery (high school equivalency). The GED testing program is intended for adults 19 years of age and older. However, students 17 and 18 years of age may meet other test requirements. The **citizenship training program** focuses upon test preparation and procedures for

U.S. citizenship. The **employment skills program** is open to students concurrently enrolled in other AED programs or as a separate option.

Students are tested and advised during registration for placement in classes. Basic skills, nonnative literacy and Pre-GED students are advised of their progress through achievement tests in classes, and GED students are given predictive tests to measure potential success in passing the GED Test battery. Advising services are available to meet students' personal, academic and/or career/vocational needs. Specialized sections of GED instruction are available as online courses.

Daytime and evening courses are offered at the Palatine campus, Northeast Center, the Police Neighborhood Resource Center in Rolling Meadows, and the Northeast Palatine Community Center. Courses include Nonnative Literacy I, II, III and IV; Basic Reading Skills, Basic English Skills, Basic Mathematical Skills, Pre-GED Reading Skills, Pre-GED English Skills, Pre-GED Mathematical Skills; GED Social Studies and Science, GED Writing Skills and Literature, GED Mathematics; Adult Employment Skills; Citizenship Training and Topics in Adult Educational Development. For more information, call the AED Department at 847.925.6223 (campus) or 847.925.6015 (Northeast Center).

Student Development Credit Courses and Seminars

■ *Credit Courses*

Several different classroom experiences are offered for academic credit by the Student Development Division. Orientation 101 (ORN 101) provides exposure to strategies necessary to adapt to the college environment and assists students in developing initial career and educational goals. Humanistic Psychology (PSY 107) facilitates personal growth and development through the exploration of self-understanding, confidence, motivation, clarification of goals and relationships. Topics in Psychology (PSY 108) allows students the opportunity to examine current issues. Topics covered during a particular semester are listed in the semester course schedule. Career Development (CDV 110) provides students with the opportunity to explore career interests, experiences, skills, abilities and work related values and examine information about the world of work in order to develop educational and career goals. Exploring Diversity in the United States (DIV 101) focuses on culture and other diversity issues and topics; students will have the opportunity to discuss dimensions of their own cultures and cultures of others as well as examine discrimination and prejudice between groups and the impact of these power differences on peoples' lives.

■ *Non-credit Seminars:*

Non-credit group seminars on a variety of topics are also offered each semester. Mailings, posters and brochures will inform students of these offerings. Students may request additional information by visiting any of the Student Development Centers.

Alternative Credit Programs/ Credit Options

Students with wide varieties of educational experience may convert this experience into college credits on the basis of satisfactory performance on proficiency examinations. A person who has been officially accepted as a Harper student may apply for and receive college credit by meeting the course objectives for no more than 42 semester hours of the degree program and one-half of the certificate program required for graduation. This could include Advanced Placement (AP) credit, College Level Examination Program (CLEP) credit, Harper College Proficiency Examination credit, the American Council on Education recommendations for Defense Activity of Non-Traditional Educational Support (DANTES, previously USAFI).

Guidelines, policies and procedures for these programs are available from the Assessment and Testing Center.

Advanced Placement Program (Offered Only in High School)

Credit and placement will be awarded to students with adequate Advanced Placement (AP) examination grades in areas comparable to the Harper curriculum. The granting of credit and/or advanced placement will be determined following the guidelines listed in the Credit by Examination bulletin available in the Assessment and Testing Center or the web at www.harpercollege.edu/services/test/.

College Level Examination Program

Credit through the College Level Examination Program (CLEP) is available to all students who feel they have acquired the necessary proficiency level to meet the requirements in a variety of subjects not covered by Harper College proficiency tests. A student who has previously completed CLEP tests should request that the scores be sent to the Assessment Center. Information regarding CLEP examination may be obtained by requesting a CLEP brochure from the Assessment Center. Criteria for granting credit have been determined by each academic division. Granting of CLEP credit by Harper College is contingent upon completion of application procedures.

Harper College Proficiency Examination Program

Departmental proficiency tests have been created by Harper College faculty for many courses not available through the CLEP program. Written permission to take a proficiency test must be received from the appropriate program coordinator or department chairman and brought to the Office of Assessment and Testing Services. Permission forms are available in the office of each academic division.