

AVIATION, PROFESSIONAL PILOT – HELICOPTER

Associate of Applied Science (AAS) Degree

91-96 credits

DEGREE AS AWARDED ON TRANSCRIPT

Associate of Applied Science, Aviation – Helicopter

PROGRAM COURSE REQUIREMENTS**General Education/Foundational Requirements****Communication**

WR 121 Academic Composition 4

MathematicsMTH 085 Technical Mathematics I 4
or MTH 111 College Algebra
(or higher)**Human Relations**SP 111 Fundamentals of Public Speaking 3-4
or SP 218 Interpersonal Communication
or SP 219 Small Group Communication**Computer Skills**CIS 120 Computer Concepts 0-4
or Computer Competency Test**Business**BA 206 Management Fundamentals I 4
or BA 101 Introduction to Business
General Education Discipline Studies courses 8**PROGRAM REQUIREMENTS**

All Aviation courses must be completed with a "C" grade or better.

Helicopter AAS

| | | |
|-----------|---|---|
| AV 101 | Introduction to Aviation ¹ | 3 |
| AV 104 | Introduction to Aircraft Systems ¹ | 4 |
| AV 108 | Meteorology I ¹ | 4 |
| AV 112 | Technically Advanced Aircraft | 1 |
| AV 112A | Technically Advanced Aircraft Lab | 1 |
| AV 115 | Private Pilot-Helicopter ² | 5 |
| AV 117 | Helicopter Fundamentals | 3 |
| AV 150 | Aerodynamics ¹ | 4 |
| AV 200 | Aviation Law ¹ | 3 |
| or AV 201 | Airport Management ¹ | |
| AV 208 | Meteorology II ¹ | 4 |
| AV 215 | Instrument-Helicopter ⁴ | 5 |
| AV 225 | Commercial Pilot-Helicopter ⁴ | 4 |
| AV 235 | Human Factors ¹ | 4 |
| AV 245 | Advanced Helicopter Operations | 4 |
| AV 246 | Aviation Safety ¹ | 3 |
| AV 255 | Certified Flight Instructor-Helicopter ¹ | 5 |

HELICOPTER FLIGHT LABS

Choose Series I or Series II

Series I

| | | |
|---------|------------------------------------|---|
| AV 227A | Helicopter Flight Lab ³ | 1 |
| AV 227B | Helicopter Flight Lab ³ | 1 |
| AV 227C | Helicopter Flight Lab ³ | 1 |
| AV 227D | Helicopter Flight Lab ³ | 1 |
| AV 227E | Helicopter Flight Lab ³ | 1 |
| AV 227F | Helicopter Flight Lab ³ | 1 |
| AV 227G | Helicopter Flight Lab ³ | 1 |
| AV 227H | Helicopter Flight Lab ³ | 1 |
| AV 227I | Helicopter Flight Lab ³ | 1 |
| AV 227J | Helicopter Flight Lab ³ | 1 |
| AV 227N | Helicopter Flight Lab ³ | 1 |

Series II

| | | |
|---------|------------------------------------|---|
| AV 228A | Helicopter Flight Lab ³ | 1 |
| AV 228B | Helicopter Flight Lab ³ | 1 |
| AV 228C | Helicopter Flight Lab ³ | 1 |

| | | |
|---------|------------------------------------|---|
| AV 228D | Helicopter Flight Lab ³ | 1 |
| AV 228E | Helicopter Flight Lab ³ | 1 |
| AV 228F | Helicopter Flight Lab ³ | 1 |
| AV 228G | Helicopter Flight Lab ³ | 1 |
| AV 228H | Helicopter Flight Lab ³ | 1 |
| AV 228I | Helicopter Flight Lab ³ | 1 |
| AV 228J | Helicopter Flight Lab ³ | 1 |
| AV 228N | Helicopter Flight Lab ³ | 1 |

FOOTNOTES¹ May be taken in any order, in any term and may be taken before, with or after the flight courses.² Must be taken as the first flight course. May be taken any term.³ Flight fees, simulator fees and FAA testing fees are required in addition to normal tuition for all flight labs and must be paid by the end of the second week of the term. Used portions of flight and simulator fees are not refundable. Contact the Aviation program director at 541.318.3702 for more information.⁴ Can be taken next in any sequence, together or separately, in any term.**FLIGHT LABS**

Professional Pilot degrees require completion of the associated flight labs to attain the credits necessary for graduation. The completion of the associated flight labs will also ensure compliance with Federal Aviation Administration flight hour and certification requirements. Professional Pilot students will be prepared to become certified flight instructors with instrument (CFII).

Flight labs may not directly correlate to the associated lecture course due to the constraints of weather and aircraft maintenance.

Authorized Aircraft and Hourly Rates: Helicopter**Series I**

Aircraft: Robinson
R22, R44, B206, FTD

AV 227A, Helicopter Flight Lab
Robinson R22
15 hrs. Ground @ \$35 = \$525
24 hrs. Dual Flight @ \$360 = \$8,640
3 hrs. Dual FTD @ \$195 = \$585
Total: \$9,750.00

AV 227B, Helicopter Flight Lab
Robinson R22
16 hrs. Ground @ \$35 = \$560
24 hrs. Dual Flight @ \$360 = \$8,640
2 hrs. Dual FTD @ \$195 = \$390
Total: \$9,590.00

AV 227C, Helicopter Flight Lab
Robinson R22
16 hrs. Ground @ \$35 = \$560
24 hrs. Dual Flight @ \$360 = \$8,640
2 hrs. Dual FTD @ \$195 = \$390
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$10,500.00

AV 227D, Helicopter Flight Lab
Robinson R44
20 hrs. Ground @ \$35 = \$700
20 hrs. Dual Flight @ \$650 = \$13,000
10 hrs. Dual FTD @ \$195 = \$1,950
Total: \$15,650.00

Series II

Aircraft: Robinson
R44, B206, FTD

AV 228A, Helicopter Flight Lab
Robinson R44
15 hrs. Ground @ \$35 = \$525
24 hrs. Dual Flight @ \$650 = \$15,600
3 hrs. Dual FTD @ \$195 = \$585
Total: \$16,710.00

AV 228B, Helicopter Flight Lab
Robinson R44
16 hrs. Ground @ \$35 = \$560
24 hrs. Dual Flight @ \$650 = \$15,600
2 hrs. Dual FTD @ \$195 = \$390
Total: \$16,550.00

AV 228C, Helicopter Flight Lab
Robinson R44
16 hrs. Ground @ \$35 = \$560
24 hrs. Dual Flight @ \$650 = \$15,600
2 hrs. Dual FTD @ \$195 = \$390
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$17,460.00

AV 228D, Helicopter Flight Lab
Robinson R44
20 hrs. Ground @ \$35 = \$700
20 hrs. Dual Flight @ \$650 = \$13,000
10 hrs. Dual FTD @ \$195 = \$1,950
Total: \$15,650.00

AVIATION, PROFESSIONAL PILOT – HELICOPTER *(continued)*

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**AV 227E, Helicopter Flight Lab
Robinson R44**

25 hrs. Ground @ \$35 = \$875
15 hrs. Dual Flight @ \$650 = \$9,750
10 hrs. Dual FTD @ \$195 = \$1,950
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$13,485.00

**AV 227F, Helicopter Flight Lab
Robinson R22**

18 hrs. Ground @ \$35 = \$630
35 hrs. Dual Flight @ \$360 = \$12,600
2 hrs. Dual FTD @ \$195 = \$390
Total: \$13,620.00

**AV 227G, Helicopter Flight Lab
Robinson R22**

18 hrs. Ground @ \$35 = \$630
35 hrs. Dual Flight @ \$360 = \$12,600
2 hrs. Dual FTD @ \$195 = \$390
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$14,530.00

**AV 227I, Helicopter Flight Lab
Robinson R22**

53 hrs. Ground @ \$35 = \$1,855
20 hrs. Dual Flight @ \$360 = \$7,200
2 hrs. Dual FTD @ \$195 = \$390
Written Exam Fee: \$320
DPE Fee: \$850
Total: \$10,615.00

**AV 227J, Helicopter Flight Lab
Robinson R44**

25 hrs. Ground @ \$35 = \$875
10 hrs. Dual Flight @ \$650 = \$6,500
5 hrs. Dual FTD @ \$195 = \$975
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$9,260.00

**AV 227H, Helicopter Flight Lab
Bell 206**

12 hrs. Ground @ \$35 = \$420
20 hrs. Dual Flight @ \$935 = \$18,700
Total: \$19,120.00

**AV 227N, Helicopter Flight Lab
Robinson R44**

10 hrs. Ground @ \$35 = \$350
10 hrs. Dual Flight @ \$760 = \$7,600
NVG Fee: \$500
Total: \$8,450.00

**AV 228E, Helicopter Flight Lab
Robinson R44**

25 hrs. Ground @ \$35 = \$875
15 hrs. Dual Flight @ \$650 = \$9,750
10 hrs. Dual FTD @ \$195 = \$1,950
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$13,485.00

**AV 228F, Helicopter Flight Lab
Robinson R44**

18 hrs. Ground @ \$35 = \$630
35 hrs. Dual Flight @ \$650 = \$22,750
2 hrs. Dual FTD @ \$195 = \$390
Total: \$23,770.00

**AV 228G, Helicopter Flight Lab
Robinson R44**

18 hrs. Ground @ \$35 = \$630
35 hrs. Dual Flight @ \$650 = \$22,750
2 hrs. Dual FTD @ \$195 = \$390
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$24,680.00

**AV 228I, Helicopter Flight Lab
Robinson R44**

53 hrs. Ground @ \$35 = \$1,855
20 hrs. Dual Flight @ \$650 = \$13,000
2 hrs. Dual FTD @ \$195 = \$390
Written Exam Fee: \$320
DPE Fee: \$850
Total: \$16,415.00

**AV 228J, Helicopter Flight Lab
Robinson R44**

25 hrs. Ground @ \$35 = \$875
10 hrs. Dual Flight @ \$650 = \$6,500
5 hrs. Dual FTD @ \$195 = \$975
Written Exam Fee: \$160
DPE Fee: \$750
Total: \$9,260.00

**AV 228H, Helicopter Flight Lab
Bell 206**

12 hrs. Ground @ \$35 = \$420
20 hrs. Dual Flight @ \$935 = \$18,700
Total: \$19,120.00

**AV 228N, Helicopter Flight Lab
Robinson R44**

10 hrs. Ground @ \$35 = \$350
10 hrs. Dual Flight @ \$760 = \$7,600
NVG Fee: \$500
Total: \$8,450.00

