



Amirkabir University of Technology  
(Tehran Polytechnic)

## Amirkabir University of Technology B.Sc. Transcript

First name : **FOOJAN**  
Last name : **KAZEMZADEH HAGHIGHI**  
Department : **Petroleum Engineering-Petroleum Engineering**

Student No. : **9328061**  
Date Printed: **3 February 2022**

### First Semester 2014 - 2015 (1393 - 1394)

Semester Status: Normal

| Course Title   | Course  | Unit | Sc./Deg. | Comments                        |
|--|---------|------|----------|---------------------------------|
| Math. (I)  | 1011053 | 3    | 10.6     | TAUGHT IN ENGLISH<br><br>PASSED |
| General Physics (I)  | 1021303 | 3    | 14       |                                 |
| General Chemistry (I)  | 1031103 | 3    | 19.8     |                                 |
| General Chem. Lab (I)  | 1032101 | 1    | 20       |                                 |
| the Analytic History of Early Islam  | 1051012 | 2    | 10.5     |                                 |
| English for the Students of Engineering  | 1061103 | 3    | 18.6     |                                 |
| Organic Chemistry (I)  | 2821713 | 3    |          |                                 |
| Taken Units: 18      Passed Units: 15      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 15.33<br>Total Taken Units: 18      Total Passed Units: 15      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 15.33 |         |      |          |                                 |

### Second Semester 2014 - 2015 (1393 - 1394)

Semester Status: Normal

| Course Title  | Course  | Unit | Sc./Deg. | Comments             |
|---|---------|------|----------|----------------------|
| Math. (II)  | 1011103 | 3    | 11.5     | PASSED<br><br>PASSED |
| General Physics (II)  | 1021353 | 3    | 12.25    |                      |
| General Physics Lab (II)  | 1022391 | 1    | 16       |                      |
| Farsi   | 1051203 | 3    | 20       |                      |
| Applied Ethics  | 1051342 | 2    | 20       |                      |
| Analytic Chem   | 2811133 | 3    |          |                      |
| Organic Chemistry (II)  | 2821723 | 3    |          |                      |
| Taken Units: 18      Passed Units: 12      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 15.6<br>Total Taken Units: 36      Total Passed Units: 27      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 15.45 |         |      |          |                      |

### First Semester 2015 - 2016 (1394 - 1395)

Semester Status: Normal

| Course Title   | Course  | Unit | Sc./Deg. | Comments             |
|--|---------|------|----------|----------------------|
| Differential Equations   | 1011253 | 3    | 17.25    | PASSED<br><br>PASSED |
| Engineering Statistics   | 1011303 | 3    | 19.5     |                      |
| Islamic Thought (I)  | 1051122 | 2    | 20       |                      |
| Engineering Drawing (I)  | 2010712 | 2    |          |                      |
| Static & Strength of Materials   | 2801033 | 3    | 20       |                      |
| Applied Thermodynamics   | 2825063 | 3    | 18       |                      |
| Polymer Chem   | 2825123 | 3    |          |                      |
| Taken Units: 19      Passed Units: 14      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 18.88<br>Total Taken Units: 55      Total Passed Units: 41      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 16.62 |         |      |          |                      |

### Second Semester 2015 - 2016 (1394 - 1395)

Semester Status: Normal

| Course Title   | Course  | Unit | Sc./Deg. | Comments   |
|--|---------|------|----------|--|
| General Physics Lab (I)  | 1022371 | 1    | 20       | PASSED<br><br>PASSED<br><br>PASSED<br><br>PASSED<br><br>PASSED<br><br>PASSED |
| Quran Interpretation   | 1051532 | 2    | 17       |  |
| Fluid Mechanic   | 2801063 | 3    | 20       |  |
| Heat, Vent. & Cooling in Textile   | 2815122 | 2    |          |  |
| Organic Chemistry Lab  | 2822711 | 1    |          |  |
| Fiber Identification Lab   | 2823031 | 1    |          |  |
| Prin. Cipale of Chemical Eng   | 2825033 | 3    |          |  |
| Physical Chemistry   | 2825083 | 3    |          |  |
| Fiber Science  | 2826122 | 2    |          |  |
| Taken Units: 18      Passed Units: 6      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 19<br>Total Taken Units: 73      Total Passed Units: 47      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 16.93 |         |      |          |  |

### First Semester 2016 - 2017 (1395 - 1396)

Semester Status: Normal

| Course Title                       | Course  | Unit | Sc./Deg. | Comments |
|------------------------------------|---------|------|----------|----------|
| Physical Education (II) * Swimming | 1040111 | 1    | 20       |          |
| Islamic Thought (II)               | 1051132 | 2    | 20       |          |



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Department : **Petroleum Engineering-Petroleum Engineering**

Student No. : **9328061**  
Date Printed: **3 February 2022**

### First Semester 2016 - 2017 (1395 - 1396)

Semester Status: Normal

| Course Title   | Course  | Unit | Sc./Deg. | Comments          |
|--|---------|------|----------|-------------------|
| Petrology  | 2710122 | 2    | 19.5     | TAUGHT IN ENGLISH |
| General & Structural Geology   | 3413013 | 3    | 19.5     |                   |
| Introduction to Petroleum Engineering  | 3413032 | 2    | 20       |                   |
| Rock Mechanics   | 3413042 | 2    | 19.5     |                   |
| Rock Mechanics Lab.  | 3413051 | 1    | 20       |                   |
| Petroleum Spec. Language   | 3413112 | 2    | 20       |                   |
| Fortran Programming  | 3415193 | 3    | 20       |                   |
| Taken Units: 18      Passed Units: 18      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 19.81<br>Total Taken Units: 91      Total Passed Units: 65      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 17.72 |         |      |          |                   |

### Second Semester 2016 - 2017 (1395 - 1396)

Semester Status: Normal

| Course Title  | Course  | Unit | Sc./Deg. | Comments |
|---|---------|------|----------|----------|
| Numerical Analysis  | 1011402 | 2    | 16.5     |          |
| Islamic Rev. of Iran  | 1051412 | 2    | 20       |          |
| Oil Chemistry   | 3413062 | 2    | 19       |          |
| Petrology Lab.  | 3413091 | 1    | 20       |          |
| Petroleum Geology   | 3413103 | 3    | 19.75    |          |
| Reservoir Rock & Fluid Lab.   | 3414021 | 1    | 17.5     |          |
| Drilling (I)  | 3414063 | 3    | 20       |          |
| the Properties of Reservoir Fluids  | 3415163 | 3    | 20       |          |
| Taken Units: 17      Passed Units: 17      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 19.28<br>Total Taken Units: 108      Total Passed Units: 82      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 18.05 |         |      |          |          |

### First Semester 2017 - 2018 (1396 - 1397)

Semester Status: Normal

| Course Title  | Course  | Unit | Sc./Deg. | Comments |
|---|---------|------|----------|----------|
| Reservoir Rock Properties   | 3414013 | 3    | 19.5     |          |
| Petroleum Exploration Geophysics  | 3414043 | 3    | 19.75    |          |
| Drilling (II)   | 3414072 | 2    | 19.5     |          |
| Oil & Gas Reservoir Engineering (I)   | 3414083 | 3    | 19.73    |          |
| Petroleum Geochemistry  | 3414102 | 2    | 17       |          |
| Artificial Lift   | 3415102 | 2    | 20       |          |
| Two-Phase Fluid Mechanics   | 3415173 | 3    | 20       |          |
| Taken Units: 18      Passed Units: 18      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 19.44<br>Total Taken Units: 126      Total Passed Units: 100      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 18.3 |         |      |          |          |

### Second Semester 2017 - 2018 (1396 - 1397)

Semester Status: Normal

| Course Title   | Course  | Unit | Sc./Deg. | Comments |
|--|---------|------|----------|----------|
| Research Methods   | 3413172 | 2    | 20       |          |
| Well-Logging & Petrophysics  | 3414053 | 3    | 18       |          |
| Oil & Gas Production Engineering   | 3414093 | 3    | 20       |          |
| Well-Testing & Analysis  | 3414113 | 3    | 20       |          |
| Well Stimulation   | 3415092 | 2    | 20       |          |
| Oil & Gas Reservoir Engineering (II)   | 3415183 | 3    | 18.9     |          |
| Taken Units: 16      Passed Units: 16      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 19.42<br>Total Taken Units: 142      Total Passed Units: 116      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 18.45 |         |      |          |          |

### Summer 2018 (1397)

Semester Status: Normal

| Course Title  | Course  | Unit | Sc./Deg. | Comments |
|---|---------|------|----------|----------|
| Training  | 3414192 | 2    | 20       |          |
| Taken Units: 2      Passed Units: 2      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 20<br>Total Taken Units: 144      Total Passed Units: 118      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 18.48 |         |      |          |          |



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**First Semester 2018 - 2019 (1397 - 1398)**

Semester Status: Normal

| Course Title   | Course  | Unit | Sc./Deg. | Comments |
|--|---------|------|----------|----------|
| Physical Education (I) *Physical Fitness   | 1040211 | 1    | 19.5     |          |
| General Software Workshop  | 3413161 | 1    | 20       |          |
| Engineering Cost Evaluation of Petroleum Project   | 3414033 | 3    | 20       |          |
| Enhanced Oil Recovery Methods From Oil Reservoirs<br>Project   | 3414153 | 3    | 20       |          |
| Drilling Lab   | 3414163 | 3    | 20       |          |
| Applied Mathematics in Petroleum Engineering   | 3414201 | 1    | 20       |          |
|  | 3415203 | 3    | 20       |          |
| Taken Units: 15      Passed Units: 15      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 19.97                                       |         |      |          |          |
| Total Taken Units: 159      Total Passed Units: 133      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 18.65 |         |      |          |          |

**Second Semester 2018 - 2019 (1397 - 1398)**

Semester Status: Normal

| Course Title   | Course  | Unit | Sc./Deg. | Comments |
|--|---------|------|----------|----------|
| Engineering Design of Surface Infrastructures  | 3414122 | 2    | 20       |          |
| Fundamentals of Fractured Reservoirs Engineering   | 3414133 | 3    | 18.75    |          |
| Fundamentals of Modeling & Simulation of Oil & Gas Reservoir   | 3414143 | 3    | 19       |          |
| Taken Units: 8      Passed Units: 8      Failed Units: 0      Ineffective Units: 0      Withdrawn Units: 0      Average: 19.16   |         |      |          |          |
| Total Taken Units: 167      Total Passed Units: 141      Total Failed Units: 0      Total Ineffective Units: 0      Total Withdrawn Units: 0      Total Average: 18.67 |         |      |          |          |
| Total Accepted Units: 26   |         |      |          |          |

This is an unofficial transcript issued solely for the student information and possible use for provisional admission to the graduate school. The official transcript will be provided upon formal request to: Vice Chancellor for Academic Affairs, Amirkabir University of Technology, P.O.Box 15875-4413 Tehran, Iran, registraroffice@aut.ac.ir

Not valid without signature and authorized seal of the registrar, both on the transcript and the envelope.