TRANSITION REGULATIONS

BACHELOR'S DEGREE PROGRAMME

&

MASTER'S DEGREE PROGRAMME

Aerospace Engineering

DELFT UNIVERSITY OF TECHNOLOGY

2022-2023

Table of contents

Section 1 – BSc Courses

Item 1 – AE1240 Physics (6 EC)

Old course code	New course code
AE1240 (AE1240-I and AE1240-II)	AE1241

1. The course content will no longer be offered in two separate courses within a module but offered as one single course.

2. For students from the 2021 – 2022 cohort and earlier who have not yet completed AE1240-I and/or AE1240-II, the following applies:
    a. In 2022 – 2023, two opportunities will be offered to complete AE1240-I and/or AE1240-II.
    b. Students can also follow the new course which will be updated in OSIRIS/MyTUDelft automatically.
    c. If AE1240 is not completed in 2022 – 2023, students will need to complete AE1241 instead.
    d. Partial results for AE1240-I and AE1240-II will no longer be valid after 31st August 2023.

Item 2 – AE2223 Analysis & Simulation (8 EC)

1. The course Experimental Research & Data Analysis (AE2223-II, 5 EC) will be replaced with the course Artificial Intelligence for Aerospace Engineering (AE2224 – II, 5 EC).

Old Course Number	AE2223-II	New Course Number	AE2224-II

2. The course Test, Analysis & Simulation (AE2223-I, 3 EC) has no changes but its course code will change to AE2224-I (3 EC) for administrative purposes.

Old Course Number	AE2223-I	New Course Number	AE2224-I

3. For students from the 2021 – 2022 cohort and earlier who have not yet completed AE2223-II, the following applies:
    a. In 2022 – 2023, two opportunities will be offered to complete AE2223-II.
    b. Students can also replace AE2223 with AE2224 and follow the new course.
    c. If AE2223-II is not completed in 2022-20223, students will need to complete AE2224-II instead.
    d. The results ≥ 5.0 for AE2223-I will be transferred to AE2224-I before 31st August 2023.
    e. Partial results for AE2223-I and AE2223-II will no longer be valid after 31st August 2023.

Section 2 – MSc Vitalisation all MSc Tracks (excluding EWEM)

Item 1 - Thesis

1. Thesis modified from 42 EC to 45 EC and new thesis course codes have been created:

Track	Old Course Number	New Course Number
Aerodynamics & Wind Energy	AE5110	AE5122
Aerospace Structures & Materials	AE5711	AE5722
Control & Operations	AE5310	AE5322
Flight Performance & Propulsion	AE5211	AE5222
Space Flight	AE5810	AE5822

2. For students from the 2021 – 2022 cohort and earlier, who have not yet completed the MSc by the 31st August 2025 the following applies:
    a. Whether students complete the thesis amounted to either 42 of 45 EC is dependent upon the Literature Study (Item 2) and the transition regulation for the Literature Study.
    b. Students can contact the Board of Examiners until 1st September 2024, to replace the 42 EC thesis code and Literature Study with the new thesis (45 EC). The missing EC must be compensated for with electives.

Item 2 – Literature Study

1. Literature Study (AE4020, 12 EC) will be retired as a separate course and will be part of the thesis.
2. For students from the 2021 – 2022 cohort and earlier, who have not yet completed the MSc by the 31st August 2025 the following applies:
    a. The Literature study (AE4020, 12 EC) can still be completed in 2022-2023, 2023-2024, 2024-2025 in combination with the former thesis codes (42 EC).
    b. If AE4020 is not completed before August 31st, 2025, students need to complete the new thesis and compensate the missing EC with electives.
    c. In case AE4020 is completed before August 31st, 2025, students can finish the 42 EC thesis.
    d. **The transition regulation for the AE4020 Literature Study will end on 31st August 2025**.
    e. For students who have not completed AE4020 by 1st September 2024, as noted to in 2.1.2.b., the programme will be adjusted in September 2025 to henceforth include the new 45 EC thesis.

Item 3 – Research Methodologies

1. Research Methodologies (AE4010, 2 EC) is no longer mandatory.
    a. No transition regulation is in place, as the course is still being offered.

Item 4 – Internship

1. Internship credit value decreases from 18 EC to 15 EC and a new course code has been created.

Old Course Number	AE5050	**New Course Number**	AE5051

2. For students from the 2021 – 2022 cohort and earlier, who have not yet completed the MSc by the 31st August 2025 the following applies:
    a. The 18 EC internship (AE5050) can still be completed during academic year 2022-2023 and 2023-2024.
    b. Students can contact the Board of Examiners until 1st September 2023, to replace AE5050 with AE5051.
    c. If AE5050 is not completed before 31st August 2024, students need to complete AE5051 and compensate the missing EC with electives.
    d. **The transition regulation for the AE5050 Internship will end on 31st August 2024**. As of September 2024 the programmes will be adjusted accordingly.
3. Students can request the Board of Examiners to be transferred to the 2022-2023 MSc programme before 1st November 2022, with the restriction that the 45 EC thesis and 15 EC internship cannot be started before 1st September 2023.

Item 5 – EWEM

1. As EWEM has a different programme structure, no transition is needed.

Section 3 – MSc Courses

Item 1 – AE4ASM101TU Polymer Science (5 → 4 EC)

1. The credit value of the course decreases by 1 EC therefore a transition is needed.

Old Course Number	AE4ASM101TU	**New Course Number**	AE4ASM101TU-22

2. For students from the 2021 – 2022 cohort and earlier who have not yet completed AE4ASM101TU, the following applies:
    a. In 2022 – 2023, two opportunities will be offered to complete AE4ASM101TU.
    b. Students can also follow the new course and incorporate this in their programme via a change request in MyStudyPlanning.
    c. If AE1240 is not completed in 2022 – 2023, students will need to complete AE1241 instead.
    d. Partial results for AE1240-I and AE1240-II will no longer be valid after 31st August 2023.

Item 2 – AE4ASM515 Materials Characterization (3 → 4 EC)

1. The credit value of the course increases by 1 EC and additional content added for 1 EC, therefore a transition regulation is required.

Old Course Number	AE4ASM515	**New Course Number**	AE4ASM515-22

2. For students from the 2021 – 2022 cohort and earlier who have not yet completed AE4ASM515, the following applies:
    a. In 2022 – 2023, two opportunities will be offered to complete AE4ASM515.
    b. Students can also follow the new course and incorporate this in their programme via a change request in MyStudyPlanning.
    c. If AE4ASM515 is not completed in 2022 – 2023, students will need to complete AE4ASM515-22 instead.

Item 3 – AE4ASM110 Polymer Composite Manufacturing (3 → 4 EC)

1. The credit value of the course increases by 1 EC and additional content added for 1 EC, therefore a transition regulation is required.

Old Course Number	AE4ASM110	**New Course Number**	AE4ASM110-22

2. For students from the 2021 – 2022 cohort and earlier who have not yet completed AE4ASM110, the following applies:
    a. In 2022 – 2023, two opportunities will be offered to complete AE4ASM110.
    b. Students can also follow the new course and incorporate this in their programme via a change request in MyStudyPlanning.
    c. If AE4ASM110 is not completed in 2022 – 2023, students will need to complete AE4ASM110-22 instead.

Item 4 – AE4426-19 Stochastic Processes & Simulation (4 EC)

1. The course Stochastic Processes and Simulation, profile course for SAT, is cancelled.
2. For the profile courses, the replacement is Maintenance Modelling & Analysis (AE4465, 4 EC).

Cancelled Course Number	AE4426-19	**Replacement Course Number**	AE4465

3. For students from the 2021 – 2022 cohort and earlier who have not yet completed AE4426-19, the following applies:
    a. In 2022 – 2023, two opportunities will be offered to complete AE4426-19.
    b. Students can also follow the new course and incorporate this in their programme via a change request in MyStudyPlanning.
    c. If AE4426-19 is not completed in 2022 – 2023, students will need to complete AE4465.

Item 5 – MSc Course Code Changes (no transition required)

1. For the following modules the course content and learning objectives remain the same, therefore no transition regulation required.

Old Course Number	New Course Number	Course Title	EC
AE4130	AE4130-22	Aircraft Aerodynamics	3 → 4 EC
AE4136	AE4136-22	CFD 2	2 → 3 EC
AE4S20	AE4ASM526	Satellite Thermal Control	No Change

Section 4 – Entry into Force

1. These Transition Regulations shall enter in to force on 1st September 2022.
2. These Transition regulations were approved by the Board of Examiners on 29th August 2022.