Ohio | Department of Higher Education

Mike DeWine, Governor
Randy Gardner, Chancellor

# Combined Bachelor's/Master's Degree Program Request Form

**Date of submission:** 20 April 2020

**Name of institution:** Kent State University

**Primary institutional contact for the request**

**Name:** Therese E. Tillett
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Office of the Provost
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**Name of bachelor's degree program:** BS in Mechatronics Engineering

**Name of master's degree program:** Master in Mechanical Engineering Technology

**Proposed implementation date:** Fall 2020

1. **Identify the total number of credit hours in the undergraduate and master's programs combined. B.S, 121 and Master 30**

2. **Describe how the university will ensure that students meet the expected baccalaureate program outcomes before the bachelor's degree is awarded.**

   Graduate level work taken will satisfy the requirements for the Undergraduate degree. Graduation applications will not be processed without the requisite credit-hours for the undergraduate degree.

3. **Describe how students are informed of this combined degree program. Include in the answer how students are advised regarding opportunities and challenges associated with the option.**

   Faculty Advisors, Graduate Coordinator, Program Coordinators, Lead Faculty, and CAE student advisors will make sure students are informed and aware of pros and challenges.

4. **Describe the options available for students who wish to leave the program with a bachelor's degree before finishing the graduate-level work.**

   Students will be able to resume their undergraduate roadmap if they abandon the combined program. All graduate course work will count for undergraduate electives, slashed courses, or Program and Graduate Coordinator approve course substitutions.

5. **Describe how the institution ensures that students will pay undergraduate tuition throughout the completion of the undergraduate degree.**

   Per Kent State policy, students in a combined bachelor's/master's degree program are classified as undergraduate until the bachelor's degree is awarded. Kent State's tuition rate is assigned to the student's level, and not at the course level. Therefore, undergraduate students taking graduate courses will be charged the undergraduate tuition rate.

***Attach to this document a listing of the graduate courses in the master's degree program that will apply toward the bachelor's degree program and explain the requirements they will satisfy in the bachelor's degree.***

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Kent State University agrees to monitor the success of the program and will submit an annual report to Ohio Department of Higher Education on the scope of the program and student success.

Kent State University verifies that the information in this request is truthful and accurate.

Respectfully,

*Signed after the request goes to EPC*

Melody J. Tankersley, Ph.D.
Senior Vice President for Academic Affairs and Provost (Interim)
Kent State University

**All Combined courses will count as undergraduate elective, slashed course, or course substitution approved by the Program and Graduate Coordinators; indicated on the Combined Program form.**

| **MET COMBINED COURSES** | |
|---|---|
| **COURSE** | **SLASH** |
| ENGR 60000 Project Management | None |
| ENGR 60001Quant I/II | None |
| ENGR 60078 Research Methods | None |
| ENGR 67010 Ethics, Technology and Environment | None |
| **COMPUTER ENGINEERING TECHNOLOGY** | |
| ENGR 53222 Comp Hardware Eng. and Architecture | ENGR 43222 |
| ENGR 56312 Wireless Network and Telecommunication Systems | ENGR 46312 |
| ENGR 56350 Network Mgmt. Design Technology | ENGR 46350 |
| ENGR 63010 Computer Hardware | None |
| **ENGINEERING MANAGEMENT TECHNOLOGY** | |
| ENGR 60003 Six-Sigma | None |
| ENGR 63050 TRIZ | None |
| ENGR 65700 Applied Reliability Engineering | None |
| ENGR 65800 Burn-in Stress Testing for Reliability | None |
| ENGR 53700 Computer Integrated Manufacturing | None |
| ENGR 63041 Motors and Controllers | None |
| ENGR 63045 Mechatronics | None |
| ENGR 63100 CAD | None |
| **QUALITY ENGINEERING TECHNOLOGY** | |
| ENGR 60020 Quality Standards | None |
| ENGR 67220 Life Cycle I | None |
| ENGR 67221 Life Cycle II | None |
| ENGR 65500 Quality Systems and Industrial Productivity | None |