# Swinburne University of Technology

***Please note all students must submit major/support substitution petitions to receive transfer credit***

| PARTNER SCHOOL COURSE | CE | CSC | EE | GENE | IE | MATE | ME | CAL POLY EQUIVALENT |
|---|---|---|---|---|---|---|---|---|
| HES 2155-Geomechanics | X | | | | | | | CE 381/382 |
| HES 1115-Sustainable Design | X | | | | | | | Approved Science Elective |
| MRE80001 - Coastal and Maritime Engineering | X | | | | | | | CE Tech Elect |
| CVE40004-HES 4146 - Water & Environmental Engineering | X | | X | | | | | ENVE 331 |
| eng 10002-Engineering Materials | X | | | X | X | | | MATE 210 |
| HES 1616-Concepts of Biotechnology | X | X | X | X | X | | X | BIO/BRAE 213 |
| EEE10001-Electronic Systems | X | | | X | X | X | X | EE 201/251 |
| MEE10001 (HES 1230) - Materials & Processes | X | | | X | X | X | X | MATE 210/215 |
| ME 20003 - Fluid Mechanics | | | | X | X | X | X | ME 341 |
| MEE20001-Thermodynamics 1 | | | | X | X | | X | ME 302 |
| HIT 2316-Usability | | X | | | | | | CPE 484 |
| COS30019-Introduction to Artificial Intelligence | | X | | | | | | CSC 480 |
| COS30023-Languages in Software Development | | X | | | | | | CSC 430 |
| COS30017-Software Development for Mobile | | X | | | | | | CSC 436 |
| HES1616-Concepts of BIO Technology | | X | | | | | | BIO 161 |
| COS20007-Object Oriented Programming | | X | X | | | | | CSC 102 |
| MTH20005-Engineering Mathematics 3B | | X | X | | | | | MATH 306 |
| PHY40001-Electromagnetic Waves | | | X | | | | | EE 335/375 |
| EEE20004-Analogue Electronics 1 | | | X | | | | | EE 306/346 |
| MME40001-Engineering Management 2 | | | X | | | | | EE Support Elective |
| PDE40001-Design for Manufacture | | | | | | X | | Tech Breadth Elect |
| MME20001-Engineering Management | | | | | | X | | Tech Breadth Elect |
| MEE40001-Thermodynamics 2 | | | | | | X | | ME 343 |
| CVE30004-Cost Engineering | | | | X | | X | | IME 314 |
| Z105 ENG - Mechanics of Materials II | | | | | | | X | CE 207 |
| HES 4350-Mechanical Systems Design | | | | | | | X | ME 234 |
| MEE20006-Machine Dynamics | | | | | | | X | ME 212 |
| MEE30004-Solid Mechanics | | | | | | | X | ME 328 |
| MEE40001 - Thermodynamics | | | | | | | X | ME 343 |
| MEE40004 - Fluid Mechanics | | | | | | | X | ME 347 |
| ME20005-Materials and Manufacturing | | | | | | | X | IME 143 |
| **GE Courses** | | | | | | | | |
| LIT 10003 Reading and Writing Genre Texts | | | | | | | | C1 |
| LIT 20004 Exploring Iconic Texts | | | | | | | | C1,C4 |
| FTV20005 The Australian Screen | | | | | | | | C4 |
| PHI 20007 Philosophy, Politics and Society | | | | | | | | D3 |
| PHI 30008 Ethics | | | | | | | | C2,C4 |
| PHI 10002 Introduction to Philosophy | | | | | | | | C2,C4 |
| HIS 10003 Global History | | | | | | | | D3 |
| ITA 30019 The Italian Novel | | | | | | | | C4 |
| ARC 10003 Context of Architectural History | | | | | | | | C3 |