

Revision for PHYS 558

Proposal Reference Number : 1901
 PRN Alias : 09-10#854
 Version No : 1
 Submitted By : Dr Guy Moore

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Summary of Changes **Restrictions**

| | Current Data | New Data | | | | |
|--------------------------------|--|--|---------------------|--------------------------|----------------------|--|
| Program Affected? | | N | | | | |
| Program Change Form Submitted? | | | | | | |
| Subject/Course/Term | PHYS 558 <ul style="list-style-type: none"> one term | | | | | |
| Credit Weight or CEU's | 3 credits. | | | | | |
| Course Activities | <ul style="list-style-type: none"> A - Lecture | | | | | |
| Course Title | <table border="1"> <tr> <td>Course Title on Transcript</td> <td>Solid State Physics</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Solid State Physics.</td> </tr> </table> | Course Title on Transcript | Solid State Physics | Course Title on Calendar | Solid State Physics. | |
| Course Title on Transcript | Solid State Physics | | | | | |
| Course Title on Calendar | Solid State Physics. | | | | | |
| Rationale | | The course is intended only for students with the advanced background of a U3 honours or graduate student -- hence the clarification of the restriction. | | | | |
| Responsible Instructor | | | | | | |
| Course Description | Properties of crystals; free electron model, band structure; metals, insulators and semi-conductors; phonons; magnetism; selected additional topics in solid-state (e.g. ferroelectrics, elementary transport theory). | | | | | |
| Teaching Dept. | 0293 : Physics | | | | | |
| Administering Faculty/Unit | SC : Faculty of Science | | | | | |
| Prerequisites | | | | | | |
| Corequisites | | | | | | |
| Restrictions | <ul style="list-style-type: none"> Restriction: Honours students, or permission of the instructor | <ul style="list-style-type: none"> Restriction: U3 Honours students, graduate students, or permission of the instructor | | | | |
| Supplementary Calendar Info | <ol style="list-style-type: none"> Fall 3 hours lectures | | | | | |
| Additional Course Charges | | | | | | |

| | | |
|--|--|-------------------------------------|
| Campus | | |
| Projected Enrollment | | |
| Requires Resources Not Currently Available | | |
| Explanation for Required Resources | | |
| Consultation Reports Attached? | | |
| Effective Term of Implementation | | 201009 |
| File Attachments | | No attachments have been saved yet. |
| To be completed by the Faculty | | |
| For Continuing Education Use | | |

Approvals Summary

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| Version No. | Departmental Curriculum Committee | Departmental Meeting | Departmental Chair | Other Faculty | Curric/Academic Committee | Faculty | SCTP | Version Status |
|-------------|-----------------------------------|----------------------|---|---------------|---------------------------|---------|------|--|
| 1 | | | Approved Charles Gale Meeting Date: Apr 21 2010 Approval Date: Apr 22 2010 View Comments | | | | | Approved by Departmental Chair Created on: Apr 21 2010 |