Semester/year -- Ph.D. QUALIFYING-PROCESS (QP) EXAMINATIONS

(Summary)

1) Letter of Intent and Commitment

Deadline for Delivery to Department Manager (Nancy Progar): (day of week) date
Details: ➤ Form Letter includes Declaration of Area-of-Specialization Topic

2) Written Examinations (Consult Qualifying Exam Guidelines for additional details)

Scheduled: (day of week) date, 8:30 to 11:30AM and 1:00 to 4:00PM
(day of week) date, 8:00 AM to 12:00 PM (Physico-chemical Processing only)

Salient Details:

A-1 Physicochemical Processing of Materials (Professor Taylor, Coordinator):
➤ General Exam (Thur.). (Answer all 4 questions for each of two, three-hour duration examinations.) Weighting is 1/3
➤ Area of Specialization Examination (declared in Letter of Intent) (Fri.): (Answer all 4 questions). Weighting is 1/3

A-2 Physical and Mechanical Metallurgy (Professor Findley, Coordinator):
➤ Written Exam (Thur.). (Answer 6 out of 8 general questions and 2 out of 4 specific questions; question paper with entire set of questions presented to candidates at 8:30AM.)

If the candidate obtains a score greater than a defined cut-off value, he/she does not have to take the oral exam. Otherwise, the Written Exam and Oral Exam scores will be averaged for the total exam grade.

A-3 Ceramic Engineering (Professor Reimanis, Coordinator):
➤ General Exam (Thur.). (Answer all questions on three topics; question paper with entire set of questions presented to candidates at 8:30AM.) Weighting is 1/3
➤ Area of Specialization Examination (Fri.): (Answer all questions on two topics. Topic (4) is mandatory and second topic declared in Letter of Intent.). Weighting is 1/3.

3) Oral Examinations if required (by four-member Examining Committee)

Scheduled: GAC Chair will inform candidate of the date, time and location.
Details: ➤ GAC Chair organizes four-member Committee; one member is either the candidate’s Advisor or one of the Co-advisors; the other three members have “expertise” in the
Area of the Fundamentals-Based Examination-Topics, which the candidate specified in the Oral-Examination Document.

➢ Oral-Examination Document (Consisting of three components; GAC Chair distributes this document to Examining Committee: i) Optional abstract of Fundamentals-Based Proposal-Components, ii) Specifics of Thesis-Research Fundamentals iii) References.)

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➢ Power Point Presentation (5-10 minutes) – highlighting the details contained in the Oral-Examination Document. This is followed by questions from members of the Committee in accordance with the Thesis-Research Fundamental-Topics for Oral Examination presented in Section 1 of the Oral-Examination Document, provided by the Candidate and distributed to the Examining Committee.

➢ Duration: 2 hours.

➢ At the conclusion of this Examination, details on outcome not provided by Committee to candidate. Performance is weighted 1/3 for Physicochemical Processing and Ceramics and ½ for Physical Metallurgy.

4) Results of QP Examinations:

You will be notified of your results by your advisor and/or the GAC Chair.