

Colegio de Ingeniería  
Decanato Asociado de Asuntos Académicos  
Recinto Universitario de Mayagüez  
PO Box 9000  
Mayagüez, Puerto Rico 00681-9000



## What is R2DEEP?

The R2DEEP Project is a Recruitment, Retention, and Distance Engineering Education Project derived from its acronyms. It is a Pre-Engineering Program initiative that combines recruitment, training, and retention strategies with the objective of improving the quantity and quality of students who apply, join, and complete the programs offered at the College of Engineering at the University of Puerto Rico, Mayagüez Campus (UPRM).

Can only those interested in an engineering program take the courses offered by R2DEEP? No. Even when the R2DEEP program was created as a recruitment and retention strategy for the programs offered by the College of Engineering at the UPRM, students interested in other subjects could take courses the R2DEEP Program offers. The following courses are also requirements for other university concentrations:

- INGE-3011 – Engineering Graphics (3cr)
- MATE-3171 – Pre-Calculus I (3cr)
- MATE -3031 – Calculus I (4cr)
- ESPA-3101 – Spanish I (3cr)
- MATE-3172 – Pre-Calculus II (3cr)
- ESPA-3102 – Spanish II (3cr)
- ADMI 3007 – Computer competence for decision making (3cr – Business Administration Faculty)

## Recruitment Strategies

R2DEEP promotes student participation around different summer camps the UPRM offers and visiting schools. We encourage the establishment and growth of engineering clubs in secondary schools. We maintain a sustainable plan to spread professional opportunities offered by the UPRM's College of Engineering to high school students.

## Educational Strategies

As pre-engineering disciplines, it offers courses in math, graphic engineering, and programming for high school students, with the hybrid modality of distance education (“Online Courses”), reinforcing their preparation to successfully pursue a university career. The offered courses can be taken directly by the students from their school grounds as long as they have an agreement



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with the UPRM to offer R2DEEP, or they can take these courses independently, obtaining validated credits for a university degree at the UPRM or other university entities.

### Requirements to apply

The requirements to apply to the R2DEEP Program are: to have a 3.50 overall grade point average and be enrolled in tenth (10), eleventh (11), or twelfth (12) grade in high school.

To take the course of Pre-Calculus I under R2DEEP, the student must have obtained the following: a score of 651 or more in the Mathematical Achievement section of the PEAU-College Board Exam or a score of 605 or more in the Math section of the PAA-College Board Exam. Any student who has obtained the following: a score of 650 or less in the Mathematical Achievement section of the PEAU-College Board Exam or a score of 604 or less in the Math section of the PAA-College Board Exam must take and pass the Diagnostic Exam offered by the Department of Mathematical Sciences the UPRM offers during the summer. Free reviews for the exam are available in the following link: <http://quiz.uprm.edu/avirmat/cursos/remediadora/>

For students interested in taking Pre-Calculus I in August 2019, the dates for the Diagnostic Exam will be offered later. Starting March 1, 2019 students will be able to enroll for the Fall Semester 2019-2020.

Application and registry available at: Application for Mathematics Diagnostic Exam

To request access to the Mathematics Diagnostic Exam Workshop (whether online or pre-recorded) there is a \$25.00 fee: <https://www.uprm.edu/engineering/r2deep/r2deep-workshop/>

### Requirements and Expenses:

The courses offered by the R2DEEP Program are enrolled through the Division of Continued Education and Professional Studies (DECEP) by the College for Talented Students Project. The benefits for this project are the following:

- Take in advance university courses which go into the student's university file if they obtain an 'A' or a 'B' in the course.
- If the student receives a 'C' in the course, it is a passing grade 'P' and it does not affect their overall grade point average.
- If the student obtains a 'D' or an 'F', their grade will not be reflected on their file.

The required documents are the following:

1. Fill out the online application [here https://www.uprm.edu/engineering/r2deep/solicitud-en-linea](https://www.uprm.edu/engineering/r2deep/solicitud-en-linea).



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2. Fill out the application from the College of Talented Students properly completed, including the course selection in which the student is interested in taking <https://www.uprm.edu/engineering/wp-content/uploads/sites/50/2018/07/Solicitud-Colegio-para-Estudiantes-Talentedos-R2DEEP-1.docx.pdf>.
3. Evidence of the College Board and/or Advanced Exams scores, if taken.
4. Medical Certification <http://engineering.uprm.edu/wp-content/uploads/2015/02/Formulario-Medico-UPRM-Talentedos-1.pdf> as established by the Campus Medical Services Office with a copy of vaccination evidence and a copy of the medical plan card. (The medical documents must be handed in personally to the Campus Medical Services Office, where the student will be given a green colored paper as evidence of their delivery which should be handed in to the R2DEEP personnel).

To enroll in the Pre-Calculus I course, the student must reach a minimum score of 605 in the Mathematics Achievement section of the PAA College Board Exam. Students who score 604 or less in the Mathematics Achievement section of the PAA College Board Exam or 650 or less in the Mathematics Achievement section must take a diagnostic exam which will be offered by the Department of Mathematical Sciences during the summer. The students will have two (2) opportunities to pass the exam. For exam application access <https://goo.gl/forms/yPx5m91Xed4iR6V52> for instructions and the Diagnostic Exam review, please access <http://quiz.uprm.edu/avirmat/cursos/remediadora/here>.

All students who do not score more than 50% of the Diagnostic Exam is recommended to take the Mathematical Reinforcement Institute, which is offered during the summer.

#### Enrollment Expenses:

- Price per credit : \$115.00
- Technology and Maintenance Fee is \$72.00 per semester
- R2DEEP and Talented Students College Fee is \$45.00 per semester

(Note: All fees and charges are subject to revision by the UPR Governing Board)

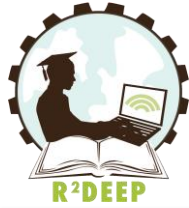
**Note:** *The course payments will be made during the enrollment adjustments period of the academic calendar of the UPR Mayagüez. The student will receive an email with the instructions on how to make the payment online or in person. If more information is needed, you can write to [reedeep@uprm.edu](mailto:reedeep@uprm.edu)*



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